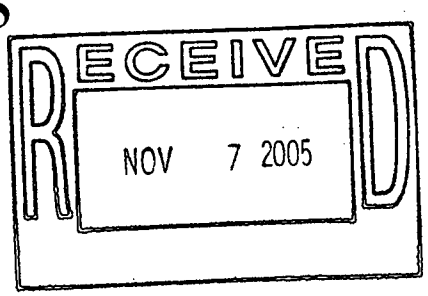
ROCKY FLATS ENVIRONMENTAL
TECHNOLOGY SITE

Decommissioning Closeout Report for the 776/777 Closure Project

Revision 1a

November 2, 2005



ADMIN RECORD

B776-A-000314

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1.0 Introduction

In accordance with the Building 776/777 Closure Project Decommissioning Operations Plan (DOP), a closeout report is required upon completion of decommissioning activities. In accordance with the Building 776/777 DOP, Section 4.18.4, this closeout report will consist of a brief description of the work completed, including:

- Verification that remedial action goals have been met;
- Remedial action description;
- Dates and duration of specific activities;
- Any modifications to the original DOP;
- Final sampling and analysis reports;
- A description of the quantity and characteristics of the wastes generated and how the wastes were stored or disposed;
- Site reclamation; and
- Demarcation of wastes left in place.

The Building 776/777 Closure Project comprises Building 776/777 and various support facilities located within the Site's Industrial Area. The DOP identified Building 776/777 as a Type 3 facility; Building 730 as a Type 2 facility; and Buildings 701, 702, 703, 710, 712, 712A, 713, 713A, and 781 as Type 1 facilities. Building 701 was re-characterized to a Type 2 facility as a result of the pre-demolition survey process as documented in Minor Modification #11 to the Building 776/777 DOP. This closeout report addresses all facilities within the Building 776/777 Closure Project. Figure 1 provides a map showing the locations of the Building 776/777 Project facilities.

Documentation that was submitted as part of this project, such as Pre-Demolition Survey Reports (PDSRs), will not be included in this report; instead, references to these documents are provided and a copy of the Administrative Record (AR) index for this project is included in Appendix A of this report. When completed and approved by DOE and the Lead Regulatory Agency (LRA), this Decommissioning Closeout Report will be submitted to the 776/777 Closure Project Administrative Record Post-decisional File.

1.1 Building Descriptions

Building 776/777 (Type 3) was a two-story structure with a partial basement and common wall separating Buildings 776 and 777. A tunnel located at the northwest corner of Building 776 connected to Building 771, an above-ground crossover on the east side of Building 777 connected to Building 779, and two hallways on the south side of Building 776 connected to Building 778.

The total floor area of both buildings was 224,600 ft^2; this includes ten additions to the building that occurred since construction. The original Building 776/777 was constructed in 1955; the

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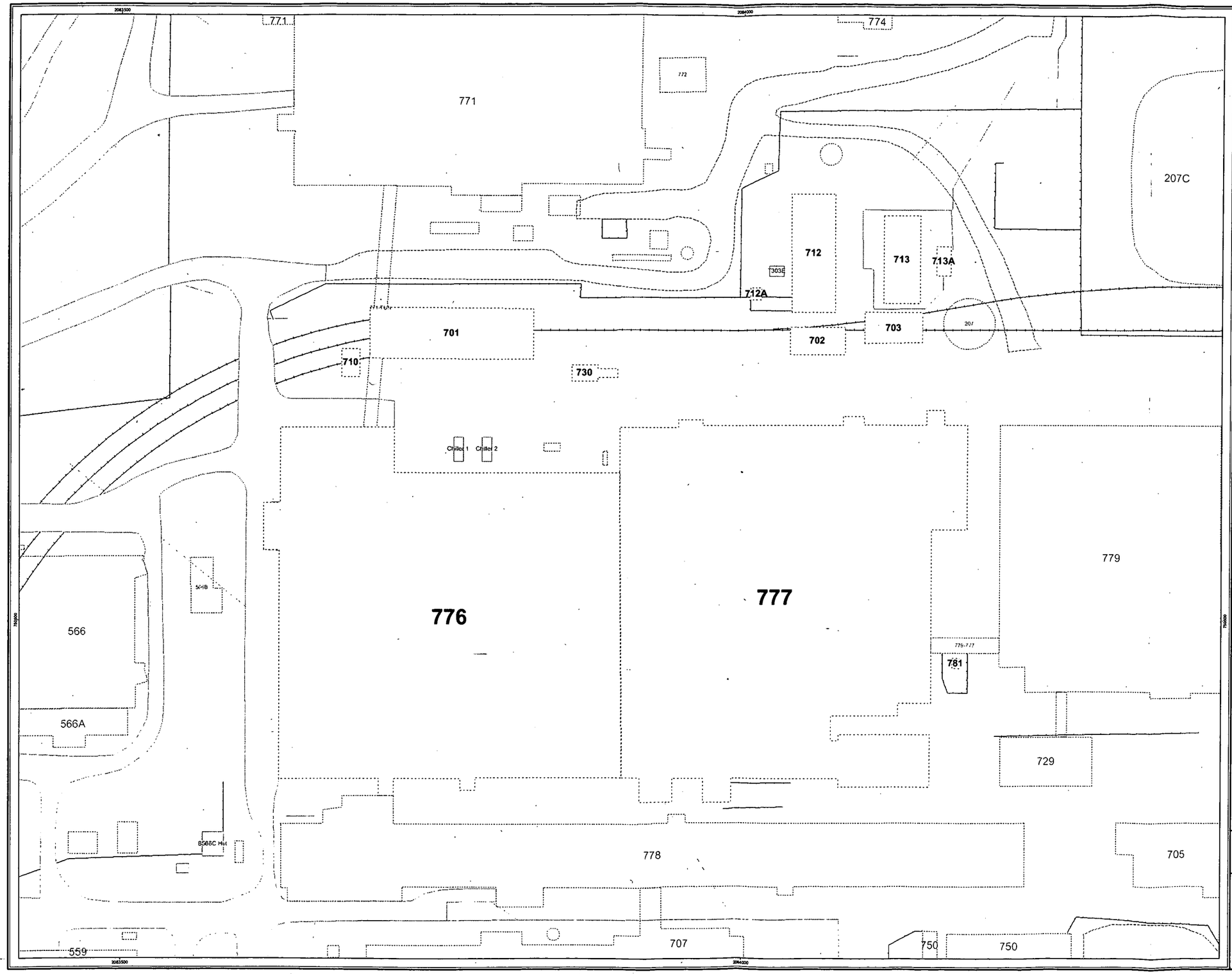
Figure 1

Building 776/777 Closure Project Facilities



EXPLANATION

- Major Project Building

Standard Map Features

- Demolished Facility
- Remaining Facility
- Lakes and Ponds
- Demolished Roads
- Paved Roads
- Dirt Roads
- Railroad Removed
- Railroad Remaining
- Fence Remaining
- Streams, Ditches, or Other Drainage Features

N

25 0 25 50 75 100 Feet

State Plane Coordinate Projection
Colorado Central Zone (3476)
Datum: NAD27

U.S. Department of Energy
Rocky Flats Environmental Technology Site

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DATE: 4/20/2005

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building additions were constructed from 1961 to 1969. In addition, a second roof was added to cover the majority of the original roof after a major fire in 1969. The foundations for the Building 776/777 structure consisted of reinforced concrete. There were individual spread footings with concrete pedestals, and reinforced concrete grade beams. The structure was framed with steel columns supported by concrete pedestals, except for x-ray and betatron vaults, which had reinforced walls 1.5 ft. to 7.5 ft. thick adjacent to existing walls.

The original portion of Building 776/777 had bare corrugated cement asbestos (transite), steel, or epoxy painted concrete block exterior walls. Various additions to the structure had 8-inch thick concrete block walls, while others had galvanized steel wall panels.

Building 701 (Type 2) was originally a carpenter and paint shop, then was a research laboratory, and finally was used for storage and office space. It was a single story building of 5,170 square feet. It had structural steel framing and galvanized steel siding and roofing. The interior was partitioned with concrete block walls. It was built on a reinforced concrete foundation and slab. The building was constructed in the early 1960's.

Building 702 (Type 1) contained the pumps that served the Building 712 cooling tower. The building was 870 square feet, and had structural steel framing and galvanized steel siding and roofing. It was built on a reinforced concrete foundation and slab. The building was constructed in the 1960-1961 time frame.

Building 703 (Type 1) contained the process cooling water pumps serving the Building 713 Cooling Tower. The building was 1080 square feet, and had structural steel wall and roof framing covered with galvanized steel siding and roofing. Reinforced concrete grade walls supported structural steel columns. The floor was a reinforced concrete slab on grade. The building was constructed in 1960-1961 time frame.

Building 710 (Type 1) was a steam reducing station. It was 352 square feet, and had a steel column frame and roof and galvanized sheet metal exterior. The floor was a reinforced concrete slab on grade. The building was constructed in the early 1980's. The building contained a steam reducing valve that reduced steam from the steam plant at 140 pounds per square inch (psi) to 125 psi for distribution to Buildings 771, 776, 777, and 779, and directed condensate from these buildings back to the steam plant.

Building 712 (Type 1) was a cooling tower that provided tower water for Buildings 776/777. The wood and fiberglass superstructure of the building was constructed on reinforced concrete pedestals on a reinforced concrete foundation. The interior of the foundation had a reinforced 12 inch thick concrete slab. The building was constructed in the 1961-1962 time frame.

Building 712A (Type 1) was a propane valve house. It was 90 square feet and was constructed of 3-inch angle frame with a galvanized sheet metal exterior. The foundation was reinforced concrete slab on grade. Building 712A was constructed in the 1961-1962 time frame. This building contained a propane pressure-reducing valve. The propane was originally used in Building 776/777, Room 150, and in Building 702.

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Building 713 (Type 1) was a cooling tower. It had a wood superstructure and was supported by reinforced concrete pedestals on a reinforced concrete foundation. The interior of the foundation had a concrete slab on grade. The building was constructed in the 1961 - 1962 time frame.

Building 713A (Type 1) was a valve pit containing service valving for the Building 713 cooling tower. It was 250 square feet and had concrete walls with a 2 in x 6 in plank roof. Building 713A was constructed in the 1961 - 1962 time frame.

Building 730 Pit (Type 2) was a plenum deluge/process waste pit constructed of reinforced concrete, with a reinforced concrete stairway leading to the below-ground portion of the structure. Building 730 was constructed in the late 1950's. The stairwell lead down to a below-grade room containing pumps and piping. The floor of the pump room contained access hatches to four underground concrete tanks that were used for plenum deluge and process wastewater. Two of the tanks were filled with foam in 1996. The tanks were 25 feet below grade. Two tanks had capacities of 22,500 gallons each, and the other two held 4,500 gallons each.

Building 781 (Type 1) was a helium compressor house. It was 1,200 square feet with 1-foot thick concrete walls, floor and ceiling. The building was below grade except for the entrance. Building 781 was constructed in 1965. This building originally provided gas for testing in Building 777.

1.2 Building History

The Building 776/777 Cluster was constructed between 1955 and 1957. Beginning in 1958 and continuing through 1969, Building 776 was the main manufacturing facility for plutonium (Pu) weapons components and it housed a Pu foundry and fabrication operations. The main function of Building 777 was parts assembly. Following a major fire in Building 776/777 in 1969, the majority of the foundry and fabrication operations were transferred to Building 707. Although limited production operations were resumed in Building 776/777 when cleanup activities were completed, at that point, the main focus of the building was shifted to waste and residue handling, disassembly of retired weapons components, and special projects. Processes conducted in Building 776 included size reduction, advanced size reduction, pyrochemistry, coatings operations, and test runs of organic waste and combustibles in a fluidized bed incinerator (FBI). Building 777 operations included machining, product assembly and disassembly, testing and inspection of special weapons projects, and support operations, such as laboratories.

Building 776/777 contained an extensive glovebox network that supported various Pu production operations. Prior to the 1969 fire, the majority of the building space consisted of one large room. Subsequent to the fire, most gloveboxes were removed from Building 776 and the large room was compartmentalized into several areas separated by physical barriers to confine radioactive material releases. A negative pressure ventilation system was used to prevent areas of least contamination from becoming contaminated by areas of higher contamination. The building was equipped with a series of high efficiency particulate air (HEPA) filters to control air emissions to the environment.

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On May 11, 1969, a major fire in Building 776/777 resulted in gross radiological contamination of Building 776/777 and portions of Buildings 771 and 779. The fire occurred in Room 134 in the north foundry line and propagated by way of the chainveyor system. The first floor operating areas of Buildings 776 and 777 were highly contaminated. The entire second floor of Building 776 was moderately contaminated from air-borne contamination through the floors and walls. The office areas in Building 776 were moderately contaminated from water-borne material, mainly on the floors. The roof of Building 776 was moderately contaminated in three areas. Two contaminated areas were localized around sanitary vent penetrations; the third, more extensive area extended from the exhaust duct to the edge of the roof.

After the fire, the major production operations in the building were reduced to machining operations on the south line in Building 776 and disassembly of retired weapons components and assembly operations in Building 777. In Building 776, the empty spaces resulting from the fire were converted to perform waste-related operations, focusing on waste reduction. Other operations conducted in the Cluster included Pu recovery operations in Building 776 and support operations, such as storage and laboratory work, in both buildings. These operations continued until production was curtailed at Rocky Flats in 1989.

1.3 Verification that Remedial Action Goals Were Achieved

Six demolition objectives were established for Building 776/777 in the Demolition Plan:

1. **Protect the environment.**

   Decommissioning activities were completed within regulatory requirements. Environmental monitoring during demolition verified that no emissions above the action level were measured at the perimeter air monitoring stations (see Section 2.5.1 Air Sampling During Demolition). Contaminated soil will be remediated by ER in accordance with the ER RSOP and regulatory consultations prior to final grading of the project area.

2. **Protect the public to the extent practical by maintaining emissions as low as reasonably achievable.**

   See above and Section 2.5.1 Air Sampling During Demolition.

3. **Protect worker health and safety.**

   The 776/777 project completed D&D activities with an excellent safety record of less than 1% recordable injuries, that were typical construction type injuries, and less than 1% Lost Work Day Case rate. This excellent safety record was maintained throughout the demolition of 776/777. Demolition was completed without any recordable injuries.

4. **Package the majority of the building as waste for disposal at off-site facilities.**

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Contaminated demolition rubble and soil was loaded into railcars and intermodal containers for disposal at off-site facilities. Non-contaminated building rubble from the Building 777 Annex was disposed off-site as sanitary waste, as were Type 1 buildings in the project area.

5. **Remove building components to at least three feet below final grade.**

   All structures, except for two-thirds of the 730 slab were removed to at least three feet below final grade. The building 776/777 floor slab was completely removed, as was all process waste piping below the slab. All basement areas and buried equipment pits were completely removed. The two underground diesel storage tanks on the north side of 776 were completely removed (USTs No. 22 and 23). The four Building 730 underground concrete tanks were also completely removed. See Section 2.5 and ER Closeout Reports for IHSS Group 700-3 Volume I, May 2005, and Volume II, which will address UBCs 776, 777, and 778, and OPWL Tank 118, for additional information on structures remaining.

6. **Accommodate future land-use as a national wildlife refuge.**

   All building structures and slabs were completely removed, except as noted above. Contaminated soil remaining is addressed in ER Closeout Reports for IHSS Group 700-3 Volume I, May 2005, and Volume II, which will address UBCs 776, 777, and 778, and OPWL Tank 118. The site will be regraded using clean fill. Long-term stewardship goals for use as a wildlife refuge will be met.

2.0 Project Description

Decommissioning activities were conducted in the 776/777 complex in accordance with the Building 776/777 DOP, which was approved by the Colorado Department of Public Health and Environment (CDPHE) on November 5, 1999.

The Building 776/777 Closure Project was divided into small groupings of similar equipment and rooms that could be worked independently. Initially a total of 83 groups, or Sets, were defined for the project. Set 84 was added prior to completion of the reconnaissance level characterization (RLC) to address the buried equipment pits. Results of the RLC were documented in the Building 776/777 Closure Project Reconnaissance Level Characterization Report (RLCR), dated August 28, 1998, which identified the presence of radiological and chemical contamination in many of the Sets.

Decommissioning activities included stripout of equipment and materials; decontamination and removal of 279 glovebox sections; removal of 40 RCRA-regulated tanks and 193 other tanks; and removal of ductwork, piping, conduit, and other mechanical and electrical systems.

The demolition plan for Building 776/777 was added to the DOP through a major modification in July 2003, as required in the original DOP approved in 1999. The approved demolition plan

for 776/777 was based on an ALARA-based decontamination effort, which involved decontaminating the facility to the extent practicable, considering worker safety as well as environmental protection. Due to the extensive contamination caused by the 1969 fire, it was not possible to decontaminate the facility to unrestricted release levels. The decontamination and demolition approach involved ALARA-based decontamination of the structure, removal of highly contaminated portions of the structure that were safe to remove, and application of fixatives to the remaining structure prior to commencing demolition.

The following subsections present more detail on the sequence of decommissioning activities, investigation of the buried equipment pits, decontamination efforts, Resource Conservation and Recovery Act (RCRA) closures, demolition activities, and project milestones.

2.1 Decommissioning Sequence

In general, Building 776/777 decommissioning proceeded as follows:

- Miscellaneous loose and fixed equipment and materials were removed from work areas.
- Electrical power to components was de-energized, locked out/tagged out, and disconnected. An extensive "cold and dark" power termination strategy was employed to minimize electrical hazards from decommissioning activities. Temporary power was run as necessary from supplemental transformers and power drops within the building.
- Tanks (interior and exterior) were drained, surveyed, and removed as waste. RCRA tank systems were closed in accordance with approved closure plans in the DOP.
- Internal equipment was removed from gloveboxes and they were decontaminated to the extent practicable. Lead was removed from glovebox exteriors.
- Gloveboxes were size reduced as necessary and removed as waste. Depending on contamination levels, containment tents were built as necessary for size reduction.
- After room areas were clear of gloveboxes and other equipment, mechanical and electrical systems were removed from the overhead areas.
- Glovebox ducting, zone I plenums and glovebox dry air systems were stripped out.
- Zone II and III plenums and ducting were surveyed and removed if contaminated above levels approved to leave for demolition.
- Asbestos containing materials were identified and removed by a qualified subcontractor.
- Hazardous substances were removed, including light bulbs/lamps, batteries, PCB light ballasts, mercury switches and thermometers, lead used in plumbing joints and roof flashings, etc.
- RCRA closures of secondary containment areas were completed in accordance with approved closure plans in the DOP.
- The building structure was decontaminated to the extent practicable using concrete shaving and hydrolasing.
- Contaminated non-load-bearing interior walls were removed.
- Portions of the contaminated original roof (false ceiling) were removed.
- Highly contaminated portions of the floor slab were removed..
- Final radiological surveys were conducted and documented in the PDSRs.

2.2 Buried Equipment Pits

Buried equipment pits (set 84) were investigated during 2002. The RLCR identified 12 areas where it was believed that equipment from the 1969 fire cleanup might be located in below-grade features filled with concrete. Interviews with employees involved with fire cleanup indicated that they believed contaminated equipment and fire cleanup tools had been encased in concrete in several pits. An exhaustive document search was conducted to find records from the fire cleanup period. Correspondence between Dow Chemical and the AEC indicated that Dow's contractor, Swinerton & Walberg, was directed to remove three pieces of equipment from the pits, and relocate the fourth (to B707). Investigation of the buried equipment areas confirmed the reports, except for a few metal pieces/base plates that were found, as indicated below.

- Area A included 5 filled-in stairwells under gloveboxes ("sheep dips"). Four of these were completely excavated with no equipment found, and the 5th (under the Advanced Size Reduction Facility [ASRF]) was cored and determined to contain only gravel.
- Area B, a suspect area in Room 127, was cored in six locations and no equipment was found.
- Area C, the 4-high rolling mill pit in Room 118, was cored in nine locations. Metal was found in two of these; one contained a metal plate embedded in the original slab, and one contained angle iron from the old sump.
- Area D, the Marform Press pit in room 134, was cored in 23 locations (3 inch cores) and the lower marform platen was found to be in the pit, with the base at a depth of approximately 22 feet. A three-foot diameter core was also drilled to reveal a cross section of the metal piece. During demolition, a second large metal piece from the press was also found in the pit that was not identified during coring. Both pieces were removed during demolition.
- Area E, the hydroform press pit in room 127, was believed to contain pencil tanks. Six cores were drilled, and no metal was found.
- Area F included two assembly equipment pits in Room 153. These pits were filled with gravel and capped with concrete. The concrete and gravel were entirely removed, and no equipment was found.
- Area G was a shallow washing machine drain pit in room 125. This trench was completely excavated, and no equipment was found.
- Area H was a small paint trap in room 133; this was also completely excavated and no equipment was found.

All concrete and metal associated with these buried equipment pits was completely excavated and removed during demolition.

2.3 Decontamination

In accordance with the approved demolition plan, which was approved in July 2003, an ALARA-based decontamination effort was conducted. The ALARA based decontamination effort was not based on a specific decontamination level, but on a process that included a combination of reasonable decontamination techniques, selective component removal, and fixation and/or encapsulation of remaining contamination. A project-specific emissions objective of 0.1 millirem project contribution was established for the Building 776/777 demolition. This level is

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1% of the allowable emissions to the closest public receptor of 10 millirem per year established by the EPA. This project-specific emissions goal was used as an input to an air model to determine the extent of decontamination that would be required in order to achieve this goal. Based on the air modeling results, an average surface contamination value (ASCV) of 455 microcuries per square meter ($\mu Ci/m^2$) was established for the project in the *Building 776/777 Closure Project Radiological Characterization Plan* (see section 3.2.3 for approvals of this plan.) The ASCV was not used to make decisions with respect to decontamination and removals in the building; these decisions were made using the ALARA based work process outlined in the DOP Demolition Plan. The ASCV was an upper bound that indicated the maximum allowable contamination level. The building was decontaminated orders of magnitude below this level.

Following removal of all equipment and gloveboxes from Building 776/777, floors were surveyed, and the majority of the floors were decontaminated using a dry shaving technique. The rotary drum shavers were equipped with a vacuum system connected to HEPA filter units. This technique removed the paint and the top layer of concrete from the floors. Several passes were made with the shaver in some areas, depending on the thickness of paint and the residual contamination measured after the first pass. In Building 776/777, most of the first floor and parts of the second floor were decontaminated by shaving. Portions of the floor in Building 701 were also shaved.

The size reduction vault was decontaminated using hydrolasing, or high-pressure water jets, to remove paint and contamination. Water from the hydrolasing operations was collected in temporary tanks within the building and also in a temporary tank farm constructed on the north side of the facility. The water was sampled and dispositioned by the site Industrial Wastewater Program and the tanks and solids were packaged as waste.

Following shaving and hydrolasing activities, in-process radiological surveys indicated the presence of high contamination in many floor joints and cracks, and at column bases. Many of these contaminated areas were manually removed using jackhammers. Following months of decontamination efforts, many of the floor areas still had high residual contamination, and the decision was made to remove portions of the floor slab prior to building demolition. Floor slabs were removed from portions of rooms 118, 127, 134 west, 134 east, and 154.

Many contaminated non-load bearing interior walls were removed prior to demolition. Some highly contaminated portions were packaged in waste crates and shipped out of the building prior to demolition. Portions with lower contamination were left on the floor or used as backfill in the basement, for loadout during demolition. These walls were made of cinderblock, and demolition was conducted within the building prior to demolition to control dust emissions.

Following completion of decontamination and removal efforts, final surveys were completed in accordance with the project specific radiological characterization plan. The building was divided into 46 survey units. Survey data and decontamination/removal efforts were discussed with CDPHE, and following their approval, the areas were encapsulated with paint, except for a few office areas and portions of the second floor that had relatively low contamination.

A total of nineteen areas were identified that required additional or special controls during demolition. These areas had inaccessible surfaces, structural issues, or under slab conditions that impacted the remediation effort. These nineteen areas were identified with a distinctive color (orange or blue) to allow appropriate special handling and controls during demolition. The controls were contained in the Integrated Work Control Program (IWCP) demolition work package for Building 776/777.

Final radiological and non-radiological building characterizations were documented in the PDSRs and in a series of Contact Records that documented the pre-demolition condition of each of the survey units. Section 3.2.3 in this report details the project documentation for the pre-demolition characterization. DOE contracted an independent verification (IV) of the characterization data through the Oak Ridge Institute of Science and Education (ORISE). The ORISE characterization verified the building characterization was accurate; however, the final ORISE report had not been received as of the date of this Closeout Report. As summarized in the Final Pre-Demolition Survey Summary Report for Building 776/777, the final ASCV for the total building was 45,550 dpm/100 cm^2 (2.052 $\mu Ci/m^2$).

2.4 RCRA Closures

Building 776/777 contained 51 RCRA regulated tanks, 24 container storage units, and seven treatment units. Eleven of the tanks were closed prior to approval of the Building 776/777 DOP; the remaining 40 tanks and all container storage areas and treatment units were closed in accordance with the DOP. At the time the DOP was prepared, RCRA closure plans had not been finalized. Consequently, the closure plans were added to the DOP through a series of minor modifications. A summary of DOP modifications is provided in Section 3.1.

A summary of all RCRA closures for Building 776/777 is included in Appendix B. No other buildings in the Building 776/777 closure project contained regulated RCRA units. A portion of the process waste lines exiting Building 776 from permitted tanks in Unit 776.2 passed through Building 778 before connecting to Valve Vault 9. In addition, the reverse flow line from Building 771 passed through Buildings 776 and 778 to Valve Vault 9. These lines were closed under the Building 776/777 DOP, although Building 778 is in the Building 707 Closure Project. This was approved in the Unit-Specific closure plan for set 78 as part of DOP Modification #8.

The tanks and piping were all closed by removal and packaged for offsite disposal in accordance with the approved closure plans. The concrete floors that provided secondary containment for tanks, piping, container storage units, and treatment units were either clean-closed by administrative closure, or were washed and rinsed to meet clean closure by decontamination. The areas with stainless steel floors were washed to meet a clean debris surface. The concrete secondary containment areas that were washed and rinsed did not meet the closure performance standard; all areas had one or more metals that were above the Tier II action levels or the LDR standards, but were all below the characteristic hazardous waste levels. Based on negotiations with CDPHE, closure was approved for all areas contingent on disposing of all concrete as low level waste.

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2.5 Demolition

Demolition within the 776/777 cluster began in December 2001with removal of cooling towers 712 and 713, and associated buildings 702, 703, 712A, and 713A. These buildings all met the unrestricted release criteria prior to demolition and were removed as sanitary waste. Buildings 701 and 710 were demolished in September 2004. Building 710 met the unrestricted release criteria. Building 701 had contamination in and under a portion of the floor slab. Environmental Restoration (ER) completed removal of the floor slab and contaminated soil following removal of the building structure. ER also removed Building 730 (two thirds of the slab remains), in December 2004, and remediated the carbon tetrachloride plume (IHSS 118.1) which was co-located with the underground Building 730 tanks (Closeout Report for IHSS Group 700-3, Volume I, dated May 2005).

Demolition of Building 776/777 began in March 2005. The Building 777 Annex met unrestricted release criteria, and was demolished first. The annex had non-friable asbestos skim-coat on the cinderblock walls, requiring special controls and monitoring for this portion of demolition. The annex building debris was loaded out as sanitary waste. Building 781 also met unrestricted release criteria; however, due to it's small waste volume and location below ground immediately adjacent to Building 777, it was removed as low level waste during Building 776/777 demolition.

Following removal of the 777 Annex, the demolition area around Buildings 776/777 was posted as a Contamination Area (CA). An earthen berm was constructed at the CA boundary to collect and contain all dust suppression water and precipitation that was collected. A lined retention basin was constructed at the east end of the CA to collect and recirculate the water. Following the completion of demolition, a mobile water treatment system was set up adjacent to the retention basin to treat the remaining demolition water. The water was discharged following sampling and analysis that demonstrated that the water met surface water discharge standards. This water treatment and discharge was conducted pursuant to the RSOP for the Consolidated Water Treatment Facility, Building 891. Following water treatment, the sludge remaining in the retention basin was solidified and loaded out in rail cars, along with the basin liner and pump house equipment.

The demolition phase of decommissioning included removal of the building shells, slabs, and foundations/footings. Demolition was performed by K-H. Demolition was conducted utilizing standard mechanical demolition equipment, including excavators, shears, processors, and front-end loaders. Concrete saws were used to cut the floor slabs. Dust control during demolition was provided by a combination of fog cannons and fire hoses, using fire hydrant water and/or recirculated retention basin water. Debris piles that were not loaded into waste containers within the day were sprayed with encapsulant to minimize dust.

Two diesel underground storage tanks on the north side of Building 776 (Tanks 22 and 23) were completely removed during demolition. Tank 22 was an old single-walled tank; soil sampling was conducted beneath the tank prior to backfilling to confirm the absence of contamination. Tank 23 was a tank in a concrete containment vault that had been filled with foam and closed in place in 1998. This tank was also completely removed.

Demolition of the above ground portion of Building 776/777 was completed on May 5, 2005. Work continued on excavation of floor slabs, basements, buried equipment pits, and underground process waste lines. Completion of the below-grade demolition/removal was completed on June 23, 2005 with the loadout of the two metal items from buried equipment pit D. After removal of the Building 776 elevator basement, the end of the underground tunnel leading to Building 771 was collapsed and sealed with concrete, then a bentonite plug was added prior to backfilling (see additional information in ER Closeout Reports for IHSS Group 700-3 Volume I, May 2005, and Volume II, which will address UBCs 776, 777, and 778, and OPWL Tank 118).

ER personnel sampled soil in the excavated areas daily, to determine if the soil met levels to leave in place or if it should be loaded out in waste containers with the demolition rubble. The top three feet of soil had an action level of 50 pCi/g, and the soil below three feet had an action level of 1 nCi/g. Although demolition and ER activities were conducted concurrently, ER activities are summarized in a separate completion report for UBC-776 (Closeout Report for IHSS Group 700-3, Volume II, UBCs 776, 777 and 778, and OPWL Tank 18).

2.5.1 Air Sampling During Demolition

Environmental air monitoring during demolition was performed in accordance with the requirements of the Site Integrated Monitoring Plan (IMP). The existing Radioactive Ambient Air Monitoring Program (RAAMP) sampler network was used for ambient air monitoring during removal activities. This network includes perimeter samplers as well as the site industrial area samplers for project-specific sampling. Project monitoring (PM-Rad) was carried out during demolition and removal activities using existing RAAMP samplers arrayed around the Site's Industrial Area. PM-Rad characterized the effects of potential short-term emissions from the project on ambient air quality and receptors closer to the project than the Site perimeter by quantifying gross alpha activity on filters. In accordance with the IMP, filters were collected weekly and screened for long-lived alpha contamination. The results were used to calculate the airborne concentration in units of activity per volume of air drawn through the filter (pCi/m^3). These results were compared to two predefined Action Levels, corresponding to a 1.0 mrem dose rate and a 5.0 mrem dose rate at the sampling location, based on the assumption that the hypothetical receptor has been exposed for two weeks (one week of sample collection, one week for analysis).

PM-Rad monitoring was initiated in February 2005, one week prior to the start of 776/777 demolition. Results showed no emissions above the 1.0 mrem dose rate action level. Figure 2 graphically presents the monitoring data collected during this period, and Figure 3 shows the air sampler locations.

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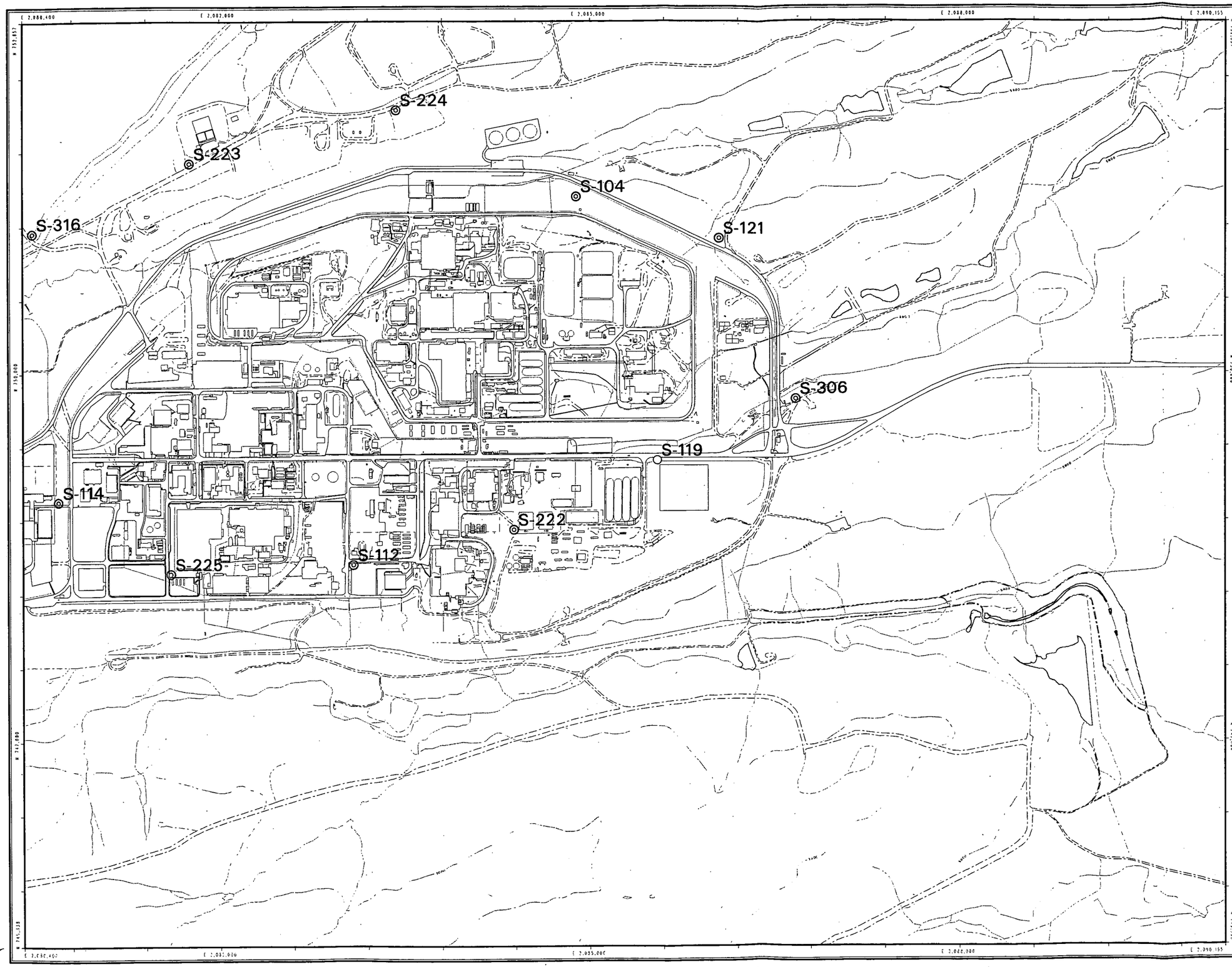

Industrial Area Performance Monitoring for Radionuclides Network

Air Sampling

EXPLANATION

- Sampler on Grid Power
- Sampler on Generator Power

Standard Map Features

- Buildings and other structures
- Demolished buildings and Other Structures
- Lakes and ponds
- Streams, ditches, or other drainage features
- Fences and other barriers
- Topographic Contour (20-Foot)
- Paved roads
- Dirt roads

DATA SOURCE BASE FEATURES:

Buildings, fences, hydrography, roads and other structures from 1994 aerial fly-over data captured by EG&G RSL, Las Vegas. Digitized from the orthophotographs. 1/95

Topographic contours were derived from digital elevation model (DEM) data by Morrison Knudson (MK) using ESRI Arc TIN and LATTICE to process the DEM data to create 5-foot contours. The DEM data was captured by the Remote Sensing Lab, Las Vegas, NV. 1994 Aerial Flyover at ~ 10 meter resolution. DEM post-processing performed by MK, Winter 1997.

N

250 0 500 1000ft

State Plane Coordinate Projection
Colorado Central Zone
Datum: NAD27

U.S. Department of Energy
Rocky Flats Environmental Technology Site

GIS Dept. 303-966-7707

Prepared by:

CH2MHILL

Prepared for:

KAISER-HILL COMPANY

March 17, 2005

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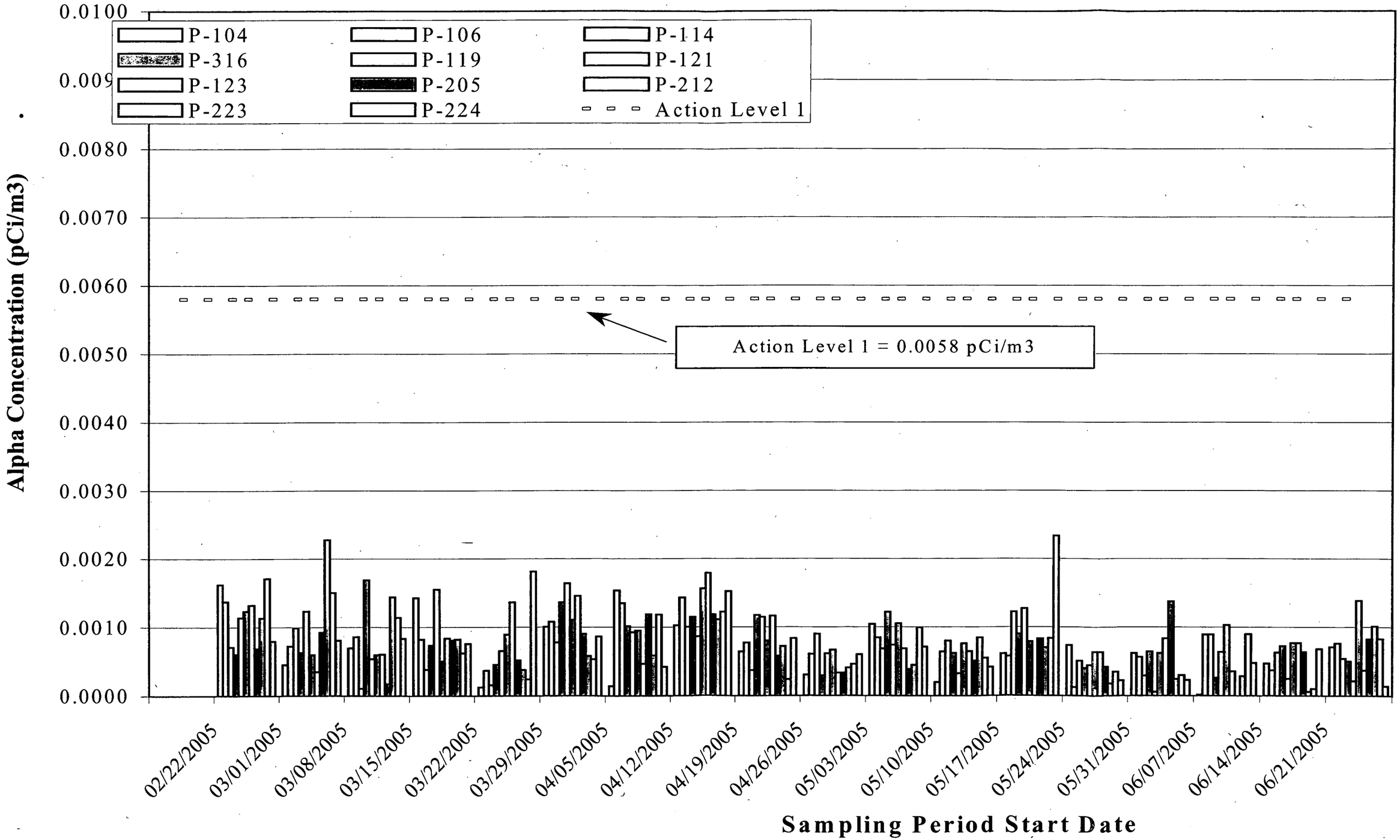
Building 776/777 Project Monitoring Data

Sampling Period: February 22, 2005 - June 28, 2005



In addition to the site RAAMP samplers, the project conducted local workplace air monitoring using eleven air samplers in close proximity to the Building 776/777 demolition activities. The air filters were collected daily throughout the entire demolition timeframe, and were counted for alpha contamination. All samples were below the minimum detectable activity (MDA).

The 776 project did 10 air samples & 10 deposition pans that were surveyed every 2 hours when the project was working. Four air samplers ran 24 hours a day 7 days a week. No deposition pan was ever above 20 DPM. Only a few air samples were above the MDA, and none were above the action level, with the highest reading being 0.18 D.A.C.

EPA operated four high volume air samplers for close-in monitoring around the B776/777 demolition area. Filters were recovered and analyzed on a weekly basis for Pu-239. All field samples were well below action level of 0.05pCi/m^3. Data provided to the Site by EPA.

2.6 Project Milestones

All work activities were conducted using the Integrated Work Control Program (IWCP). The following outlines the actual sequence of events and major milestones:

- November 5, 1999 – 776/777 DOP Revision 0 approved
- May 23, 2000 – Approval of DOP Modification #4 allowed management of hazardous remediation waste under CERCLA, rather than RCRA.
- August 9, 2000 – completed draining four mixed residue tanks to a physically empty status (T-344, T-345, T-360, T-370).
- October 11, 2000 – initial entries were made into the Size Reduction Vault (SRV) in supplied breathing air to clean out loose debris and verify RCRA stable status of three mixed residue tanks in the vault.
- December 2000 – Completed draining and raschig ring removal from the final three mixed residue tanks (SR-3, 4, and 5) and verified that the mixed residue tanks in the SRV were empty.
- August 29, 2001 – Contact record documents CDPHE permission to manage legacy gloveboxes (i.e. removed from service prior to approval of DOP) as remediation waste and permission to transfer remediation waste from Building 707 to Building 776/777 for size reduction.
- September 2001 - The Pre-Demolition Survey Report (PDSR) for the Type 1 outbuildings/cooling towers was approved by DOE and CDPHE. This includes buildings 702, 703, 712, 712A, 713, and 713A.
- December 2001 – completed demolition of the Type 1 outbuildings/cooling towers (702, 703, 712, 712A, 713, and 713A.)
- January 2002 - In-process radiological characterization was initiated on the first floor using gamma spec technology.
- April 30, 2002 - Downgraded the 776/777 limited area to a property protection area.
- May 2002 - A significant accomplishment was completion of set 51, Molten Salts, ahead of schedule.

- June 2, 2002 – CDPHE approved the extension of the Mixed Residue Consent Order Commitment date for B776/777 from December 31, 2002 to February 28, 2005.
- June 10, 2002 – Notification provided to CDPHE to cease effluent air sampling for all stacks and vents in B776/777 due to entering active decommissioning, per the site monitoring agreement.
- July 2002 - Set 78 (RCRA overhead piping) was completed in July. This set included the majority of the remaining mixed residue piping.
- August 2002 - The final mixed residue tank in B777 was removed and packaged. Tank DL-776 was previously located in Room 131, Set 4.
- September 2002 – Removed the pilot and production RCRA Fluidized Bed Incinerators (sets 61 and 63); the supercompactor (set 64), the Size Reduction Vault (set 60), a glovebox line in Room 131 (set 4), and the glovebox dry air system on the 2nd floor (set 72).
- December 2002 - The major accomplishment was the completion of set 84, buried equipment, which included characterization of below grade features filled with concrete or gravel where equipment from the 1969 fire was believed to be buried.
- December 2002 - Closed by removal two RCRA mixed residue tanks: T-344 and T-345, associated with the Advanced Size Reduction Facility (ASRF). These were the last two remaining mixed residue tanks in B776.
- July 1, 2003 – Major modification to DOP for demolition approved by CDPHE.
- August 18, 2003 – CPDHE approved the Building 776/777 Radiological Pre-Demolition Survey Plan.
- September 2003 - Completed Set 66 (Advanced Size Reduction Facility), and completed draining and removing the remaining equipment subject to the Mixed Residue Consent Order.
- September 26, 2003 - CDPHE approved the Pre-Demolition Survey Report (PDSR) for Buildings 710 and 781. This PDSR confirmed that these buildings are Type 1 facilities.
- September 30, 2003 - CDPHE approved the Project Specific Non-Radiological Characterization Plan for Building 776/777, which addressed characterization prior to demolition.
- December 2003 – Completed Set 69 (RCRA process waste T-Tanks).
- December 2003 - Liquid and sludge were pumped out of Building 730 pit, Tank T9 east and T9 west into holding tanks, and all concrete surfaces inside the tanks were painted. Electrical and mechanical equipment was stripped out of the vault above the tanks, and this area was also encapsulated. This completed stabilization of Building 730 in preparation for transfer to ER.
- January 2004 - Transite wall panel removal/replacement was begun for asbestos abatement purposes. Approximately 60% of the exterior walls were constructed of two layers of transite panels. These were removed as part of the asbestos abatement effort prior to demolition, and were replaced with non-asbestos panels.
- June 2004 - Completed decontamination of the B776/777 main plenum (PL-250). Also completed asbestos abatement of the exterior transite panels.
- June 11, 2004 – Closeout of mixed residue compliance order on consent was approved by CDPHE following removal of final mixed residue piping system from Building 776.

- September 2004 - Completed decontamination, final surveys and encapsulation in Areas I, II and III (north, east and central portions of B777). Completed the removal of highly contaminated walls and floors from the Size Reduction Vault (SRV). Completed the demolition of B701 and B710. ER initiated demolition of the B730 under-ground storage tank north of B776.
- December 2004 - Construction began on the B776 water retention basin to be used for collection of contaminated dust suppression water and precipitation during demolition.
- December 2004 – ER completed demolition of the B730 under-ground storage tank north of B776 and remediation of the carbon tetrachloride source.
- January 26, 2005 - The final RCRA secondary containment area (room 131) was closed as documented in a Contact Record with CDPHE.
- February 2005 - Completed removal of highly contaminated floors in portions of Rooms 118, 134W, 134E, and 154. Demolished many interior non-load-bearing cinderblock walls to aid with dust control during demolition. (Rubble remained to be loaded out with building.) Completed core-boring vault walls and some buried equipment pits and placed expanding grout to fracture concrete. Completed decontamination, final surveys, and encapsulation in the remaining survey units.
- February 25, 2005 – CDPHE approved final B776/777 PDS Summary Report and gave approval for initiation of demolition
- March 2, 2005 – Demolition of B777 annex began.
- March 4, 2005 – Demolition of contaminated portion of B776/777 began.
- May 5, 2005 – Demolition of above-grade portions of B776/777 was completed.
- June 17, 2005 – Mobile water treatment system began treatment of 776 retention basin water.
- June 23, 2005 – Demolition of below-grade portions of B776/777 was completed. Two large metal pieces from buried equipment pit D were hoisted into rail cars.
- June 27, 2005 – Demolition area was downposted from a Contamination Area (CA) to a Soil Contamination Area (SCA).

3.0 Project Documentation

This section describes the documentation that was prepared to satisfy the requirements in the Rocky Flats Cleanup Agreement (RFCA) for decommissioning the Building 776/777 cluster. Documentation that was submitted as part of this project is referenced; a copy of the AR index for this project is included as Appendix A of this report.

3.1 DOP Modifications

As previously stated, the Building 776/777 DOP was approved by CDPHE on November 5, 1999. There were eleven minor modifications and one major modification made to the DOP:

DOP Modification #1 was approved by CDHPE on December 15, 1999. The modification included unit specific closure information for the RCRA Units located in set 62 (i.e., the interim status Fluidized Bed Incinerator [FBI] Oil Storage Tanks T-1 and T-2).

DOP Modification #2 was approved by CDPHE on February 24, 2000. The modification included addition of an agreement that partial closure of a RCRA-regulated unit may be conducted prior to the submittal of the unit-specific closure information required by Section 4.5.2 of the DOP, provided approval is received from the LRA and the agreement is documented via a Contact Record.

DOP Modification #3 was approved by CDPHE on March 3, 2000. The modification included unit specific closure information for RCRA Units located in sets 7, 11, 26, and 61. Sets 7, 11, and 26 contained mixed residue tanks and ancillary equipment, and set 61 contained two interim status tanks associated with the pilot FBI.

DOP Modification #4 was approved by CDPHE on May 23, 2000. The modification included requirements for the management of remediation waste. Prior to approval of this modification, hazardous remediation waste was managed in full compliance with RCRA requirements. This modification allowed managing this waste under CERCLA, in compliance with the substantive portions of RCRA requirements. The Operations Order for Management of Remediation Waste, OO-776-374, was referenced and a copy was provided.

DOP Modification #5 was approved by CDPHE on September 13, 2000. The modification included:

- Unit specific closure information for the RCRA Units located in set 55 (three mixed residue tanks).
- Updates to Table 6, RCRA-Regulated Units, to add newly permitted RCRA container storage units to the DOP.

DOP Modification #6 was approved by CDPHE on February 22, 2001. The modification included:

- Unit specific closure information for the RCRA Units located in sets 4, 5, 6, 10, 11, 18, 21, 22, 27, 29, 34, 35, 36, and 52. Set 27 contained a RCRA permitted container storage unit, and the other sets all contained mixed residue tanks and ancillary equipment. (Modification #4 also included closure information for another mixed residue tank in Set 11.)
- Updates to Table 6, RCRA-Regulated Units, to add a newly discovered mixed residue tank in set 11. Closure information for this tank was also included in this modification under Set 11.

DOP Modification #7 was approved by CDPHE on June 27, 2001. The modification included:

- Update to section 4.5.2 regarding RCRA closure documentation. This section was modified to allow units being clean closed through documenting absence of contamination to be documented via a letter to the LRA instead of a minor DOP modification for submittal of unit specific closure information.
- Update to Section 6.3 regarding treatment of remediation waste prior to offsite disposal. This section was modified to allow treatment in accordance with the Operations Order for Management of Remediation Waste, OO-776-374, provided with DOP Modification #4.

DOP Modification #8 was approved by CDPHE on May 1, 2002. The modification included:

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- RCRA unit specific closure information for the size reduction vault (Set 60), the pilot and production FBIs (sets 61 and 63), the supercompactor (set 64), the advanced size reduction facility (Set 66), the process waste tanks (set 69) and the overhead RCRA piping (set 78).
- Revised unit specific closure information sheets for sets 4, 6, 29, 35, and 36 to document changes previously approved via Regulatory Contact Records.
- Addition of the Inner Tent Dismantlement Chamber (ITDC) to Set 83.
- Correction of typographical errors and incorrect references.

DOP Modification #9 was approved by CDPHE on October 1, 2002. The modification included submittal of RCRA unit specific closure information for Set 82, which included all concrete secondary containment areas that provided containment for RCRA tank systems, container storage units, and treatment units throughout the building. This was the final closure plan submittal for the Building 776/777 DOP.

DOP Modification #10 was approved by CDPHE on June 10, 2003. The modification included administrative changes, and accompanied the major DOP modification to include the demolition plan for Building 776/777 as Appendix I. All references in the DOP to a future modification for the demolition plan were replaced by references to Appendix I. The modification also provided an updated list of Applicable or Relevant and Appropriate Requirements (ARARs) in Appendix F, to be consistent with the latest RFCA Implementation Guidance Document (IGD).

The major DOP modification for the Demolition Plan was approved by CDPHE on July 1, 2003. The DOP was reissued as Revision 1, to include both minor modification #10 and the major modification for the addition of the Demolition Plan as Appendix I. Appendix J was added to include the Comment Response Summary for the Demolition Plan.

DOP Modification #11 was approved by CDPHE on August 12, 2004. The modification included retyping Building 701 from a Type 1 to a Type 2 facility and including Building 701 in the scope of the DOP.

Table 1 summarizes the project documentation for this phase of the project.

Table 1 776/777 Closure Project DOP Modification Documentation

Document	Date	AR Document Number
DOP Modification #1 submittal to CDPHE	December 9, 1999	B776-A-000020
DOP Modification #1 approval by CDPHE	December 15, 1999	B776-A-000021
DOP Modification #2 submittal to DOE	February 7, 2000	B776-A-000045
DOP Modification #2 approval by CDPHE	February 24, 2000	B776-A-000034, 44
DOP Modification #3 submittal to CDPHE	March 1, 2000	B776-A-000035
DOP Modification #3 approval by CDPHE	March 3, 2000	B776-A-000031
DOP Modification #4 submittal to CDPHE	May 17, 2000	B776-A-000036
DOP Modification #4 approval by CDPHE	May 23, 2000	B776-A-000037
DOP Modification #5 submittal to CDPHE	September 11, 2000	B776-A-000042, 49
DOP Modification #5 approval by CDPHE	September 13, 2000	B776-A-000043, 47

DOP Modification #6 submittal to CDPHE	February 13, 2001	B776-A-000053, 54
DOP Modification #6 approval by CDPHE	February 22, 2001	B776-A-000055
DOP Modification #7 submittal to CDPHE	June 7, 2001	B776-A-000063
DOP Modification #7 approval by CDPHE	June 27, 2001	B776-A-000066
DOP Modification #8 submittal to DOE	April 4, 2002	B776-A-000086
DOP Modification #8 approval by CDPHE	May 1, 2002	B776-A-000091
DOP Modification #9 submittal to DOE	September 5, 2002	B776-A-000109
DOP Modification #9 approval by CDPHE	October 1, 2002	B776-A-000110
DOP Modification #10 submittal to DOE	May 30 ,2003	B776-A-000142
DOP Modification #10 approval by CDPHE	June 10, 2003	B776-A-000144
DOP Major Modification submittal to CDPHE	June 27, 2003	B776-A-000148
DOP Major Modification approval by CDPHE	July 1, 2003	B776-A-000278
DOP Modification #11 submittal to DOE	July 20. 2004	B776-A-000199
DOP Modification #11 approval by CDPHE	August 12, 2004	B776-A-000206

3.2 Building Characterization

Facilities within the 776/777 closure project were characterized using a three-step approach: reconnaissance level characterization (RLC), in-process characterization, and pre-demolition survey (PDS).

3.2.1 Reconnaissance Level Characterization

The purpose of the RLC is to provide an initial assessment of the contamination, hazards, and other conditions associated with a facility. The Building 776/777 Closure Project RLCR was completed on August 28, 1998. The RLC was conducted prior to approval of the RFETS Decontamination and Decommissioning Characterization Protocol (DDCP). The methodology used for the RLC was described in detail in the RLCR.

The facilities were classified pursuant to the RFETS Decommissioning Program Plan (DPP). The initial typing indicated that Building 776/777 was a Type 3 facility, Building 730 was a Type 2 facility, and the remaining buildings in the cluster were considered Type 1 facilities. The RLCR for Building 776/777 was approved by CDPHE on August 28, 1998. Surveys conducted in June 2004 indicated that Building 701 should be re-typed to a Type 2 facility due to radiological contamination. This change was documented in DOP Modification #11.

3.2.2 In Process Characterization

Additional radiological and chemical characterization was conducted during decommissioning, as facility components were removed and building surfaces exposed. This type of characterization is referred to as in-process characterization. Data from in-process characterization was used to identify additional hazards; refine approaches to component

removal, size reduction, and decontamination; revise waste volume estimates; and modify environmental, safety and health controls, as necessary (e.g., asbestos and beryllium characterization.) In-process characterization was also conducted to verify that decontamination activities achieved the applicable performance specifications, such as release or reuse criteria and waste acceptance criteria (WAC) of the receiving disposal facility. All laboratory analytical data has been archived through Kaiser-Hill Analytical Services Division.

3.2.3 Pre-Demolition Survey

For Building 776/777, the pre-demolition survey was performed in accordance with the approved *Radiological Pre-Demolition Survey Plan* dated August 8, 2003 and with the *Project-Specific Non-Radiological Characterization Plan for Building 776/777* dated September 16, 2003. For other facilities within the 776 project, final radiological surveys were conducted in accordance with the site Pre-Demolition Survey Plan (PDSP) prior to demolition. The results of these surveys demonstrated that Buildings 702, 703, 710, 712, 712A, 713, and 713A met the unrestricted release limits specified in the PDSP prior to demolition. These facilities were all managed as sanitary waste for disposal. Part of Building 701 did not meet unrestricted release, and this portion was managed as low level waste. All of Building 730 was managed as low level waste. The Building 777 annex met unrestricted release levels and was managed as sanitary waste, with the remainder of Building 776/777 managed as low level waste. As previously stated, although Building 781 met unrestricted release levels, it was managed as low level waste due to it's small volume and location below ground immediately adjacent to Building 777.

The PDSRs included information on chemical contamination as well as radiological. Hazardous substances and wastes were removed from all buildings prior to demolition (with two exceptions noted below) and all RCRA units were appropriately closed. RCRA unit closures are summarized in Appendix B. Asbestos abatement was also completed prior to demolition in accordance with Colorado Air Quality Control Commission (CAQCC) Regulation No. 8, as certified in the Demolition Notification submitted to CDPHE. Beryllium surveys demonstrated that the buildings met the unrestricted release levels. Two instances were documented where hazardous constituents were not removed prior to demolition:

1. The Building 777 annex had a non-friable skim-coat of asbestos over the concrete block walls.
2. A 6,000 pound lead collar in the wall of room 430 was too large to remove prior to demolition, so permission was received to remove it during demolition and manage as low level mixed waste.

4.0 Waste Disposition

The 776/777 Closure Project generated the following waste types: sanitary, non-hazardous non-radioactive, hazardous, low level, low level mixed, TSCA, low level TSCA, transuranic (TRU), and transuranic mixed. Table 2 documents the quantity and disposal sites for these waste types and materials for all the buildings in the 776/777 cluster. Wastes generated from November 1999 when the 776/777 DOP was approved until June 2005 at the completion of demolition are included in these waste totals. A small percentage of the low level waste totals shown below

include soil from B-Pond, Building 776/777 ER soil remediation, and Building 559 ER soil remediation that was co-loaded with Building 776/777 demolition debris in gondola rail cars.

Table 2 776/777 Closure Project Waste Stream Disposition Summary

1. Sanitary Waste	
Disposal Sites:	Front Range Landfill, BFI Tower Road Landfill, BFI Foothills Landfill
Projected amount (m3):	819
Actual amount (m3):	4,748
2. Non-Hazardous, Non-Radioactive Waste	
Disposal Sites:	Onyx, Henderson, CO; Trade Waste Incineration, Sauget, IL; Safety-Kleen, Inc.
Projected volume (m^3):	-
Actual volume (m^3):	19.0
Additional Information:	Oils, lab pack chemicals, brine, batteries
3. Hazardous Waste	
Disposal Sites:	Chemical Waste Management, Henderson, CO; Chemical Waste Management, Kettleman Hills, CA; Onyx, Henderson, CO; Trade Waste Incineration, Sauget, IL; Superior Special Services.
Projected volume (m^3):	44
Actual volume (m^3):	5.8
4. Low Level Waste	
Disposal Sites:	Nevada Test Site, Envirocare of Utah, Diversified Scientific Services, Inc., Kingston, TN.
Projected volume (m^3):	9,473
Actual volume (m^3):	61,992
5. Low Level Mixed Waste	
Disposal Sites:	Envirocare of Utah; Materials and Energy Corp., Oak Ridge, TN; Pacific Ecosolutions, L.L.C., Richland, WA; Waste Control Specialists, Andrews, TX; Perma-Fix, Gainesville, FL
Projected volume (m^3):	506
Actual volume (m^3):	571.6
6. TSCA (PCBs)	
Disposal Sites:	Onyx, Henderson, CO; Safety-Kleen, Inc.
Projected volume (m^3):	1
Actual volume (m^3):	0.96
7. Low Level TSCA	
Disposal Sites:	Materials and Energy Corp., Oak Ridge, TN
Projected volume (m^3):	1
Actual volume (m^3):	0.6
8. TRU Waste	
Disposal Sites:	WIPP
Projected volume (m^3):	2,264
Actual volume (m^3):	645.3
9. TRU Mixed Waste	
Disposal Sites:	WIPP
Projected volume (m^3):	525
Actual volume (m^3):	125

5.0 Site Reclamation

All buildings in the 776/777 Closure Project were removed to at least three feet below final grade. Removal to this depth included removal of all building floor slabs, with the exception of a protion of the B730 slab. Building 776/777, 701, 702, 703, 710, 712, 712A, 713, 713A, and 781 structures were removed, including all slabs, basements, footers, and foundations.

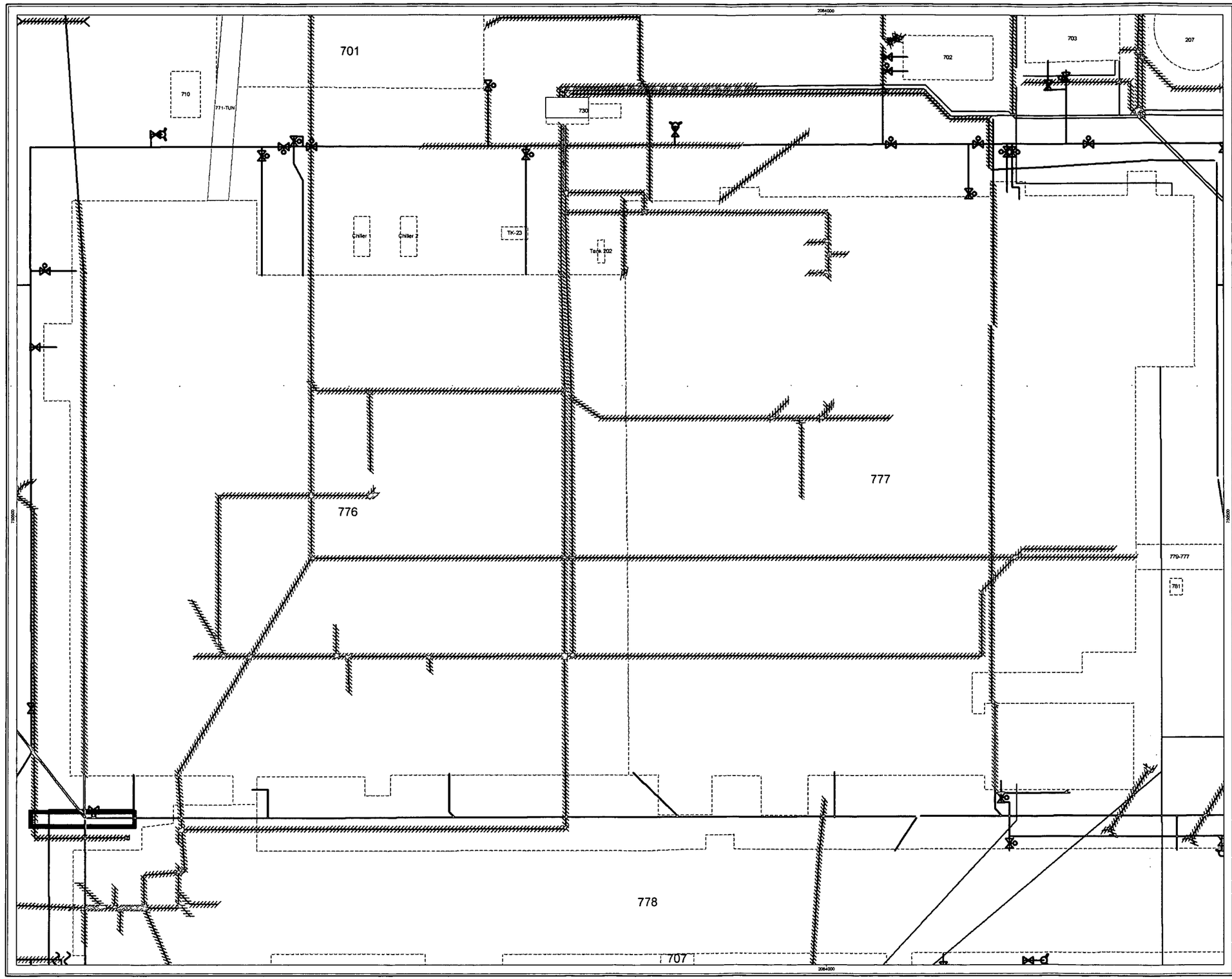
Underground process waste lines beneath the Building 776/777 slab were completely removed. Removed and remaining structures as well as original process waste lines outside the building footprint are shown on Figure 4, along with storm drains, sewer and water lines.

Underground utility lines (e.g., alarms, electrical, natural gas, nitrogen, water, etc.) were removed to at least three feet below final grade beneath the building footprints. Utilities outside the building footprints were air gapped, plugged, or otherwise isolated. Figure 5 shows the Building 776/777 Project Utility Isolations and depths below the surface. These depths relate to the existing ground surface at the time of isolation.

The only remaining building structures within the 776/777 Closure Project was a 23 foot by 35 foot portion of the B730 slab more than 25 feet below grade. Final site contouring in this sector had not been completed at the time this report was prepared. However, final grading will be as shown on Figure 7.

Environmental Restoration activities conducted outside the scope of the 776/777 Closure Project DOP (e.g., under the ER RSOP) are summarized in a separate ER closeout report (Closeout Report for IHSS Group 700-3, Volume I, dated May 2005. Volume II will address UBCs 776, 777 and 778, and OPWL Tank 18).

Figure 4
Remaining UG Utilities/Structures for Building 776/777



EXPLANATION

- Foundation Drain
- Sewer
- DCWF
- Culverts & Storm Drains
- OPWL
- NPWL

NOTE: Hatched symbols represent removed features.* Color indicates utility type.

Standard Map Features

- Remaining Structure
- Removed Structure

- The sanitary sewer system piping was removed as shown. All sewer manholes have been removed to at least 4 feet below grade and the remaining lower portions filled with concrete.
- All piping lines, manholes,and other miscellaneous equipment associated with the NPWL have been removed.
- All piping lines, manholes,and other miscellaneous equipment associated with the OPWL have been removed except s shown. Abandoned OPWL lines were grouted.
- All piping lines, manholes,and other miscellaneous equipment associated with the Domestic Water System were removed to 3 feet below grade. Piping lines and equipment greater than 3 feet below grade were abandoned in place.
- All sanitary floor drains were disrupted and filled with grout.

N

10 0 10 20 30 40 Feet

State Plane Coordinate Projection
Colorado Central Zone (3476)
Datum: NAD27

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Prepared For:
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DATE: 11/1/2005

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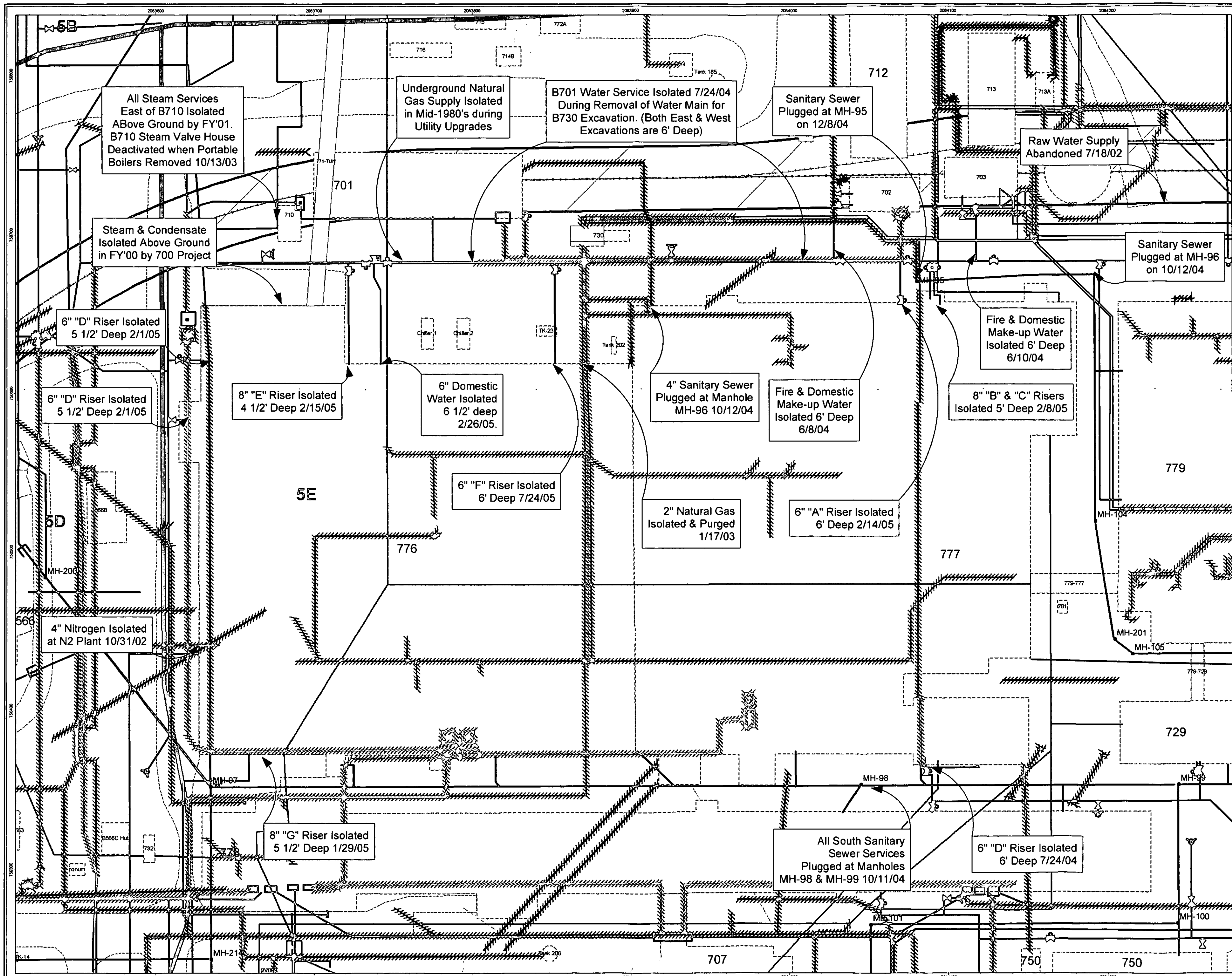

Figure 5
Building 776/777
Utility Isolations

EXPLANATION

Sectors
Alarm
2nd Alarm
Classified Data
Classified LAN
Original Alarm
Telephone
Active Telephone
Alarm (PIDAS)
Nitrogen Lines
Natural Gas
Fuel_Line
Sewer
Underground Steam
DCWF
Raw Water
De-Energized Power
Active DCWF
Active 13.8 KV
Active 480 V
Manholes

UTILTIY NOTES:
1) Hatched line symbols represent removed utilities.
2) Color of manhole indicates utility type.
3) Red Text is a B707 Isolation

Original Process Waste Lines
Left in Place
Between 3 and 4 Feet
Removed
Does Not Exist

New Process Waste Lines
Removed or Clean-Closed (Remain in Place)
Remove or In Progress
Valve Vault Removed or Dispositioned
Valve Vault Remove or Disposition

Standard Map Features
Remaining Structure
Removed Structure
Lake and Pond
Demolished Road
Paved Road
Dirt Roads
Railroad Removed
Railroad Remaining
Fence Remaining
Stream or Ditch
Rail Spur Easement
Wetland
Rip Rap
FLC Design Boundary

N

25 0 25 50 75 100 Feet

State Plane Coordinate Projection
Colorado Central Zone (3476)
Datum: NAD27

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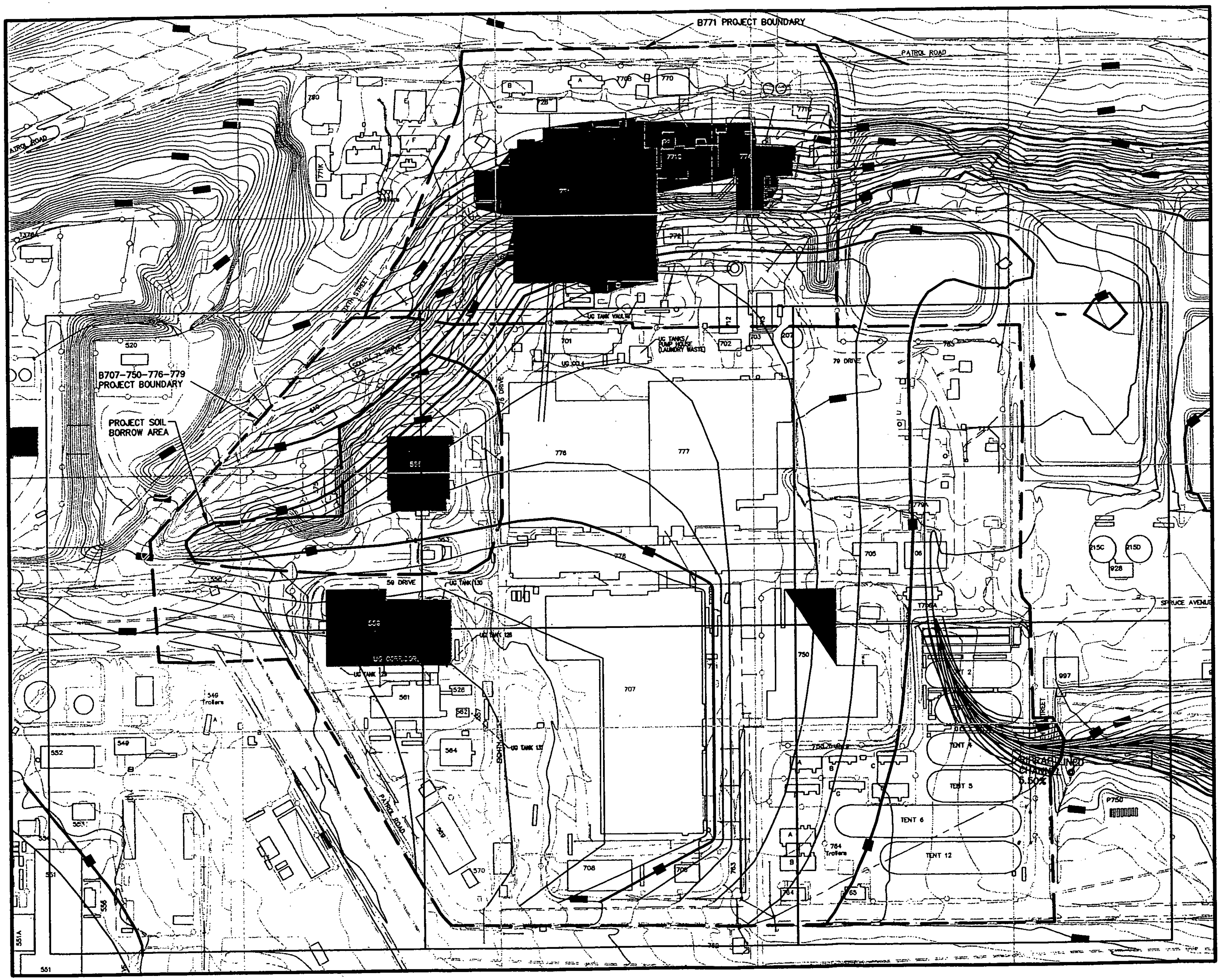

GENERAL NOTES:

1. EXISTING CONTOURS BASED ON 1994 AERIAL TOPOGRAPHICAL SURVEY.
2. COORDINATE GRADING WITH BUILDING 771 PROJECT PER KAISER-HILL DIRECTION.
3. COORDINATE PROTECTION, RE-ROUTING, AND ABANDONMENT OF UTILITIES WITH KAISER-HILL. ELECTRICAL SERVICE DISCONNECTION AND RELOCATION TO BE PREFORMED BY KAISER-HILL.
4. DRAWINGS DO NOT PURPORT TO SHOW ALL EXISTING UTILITIES AND THOSE SHOWN ARE APPROXIMATE BASED UPON AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND COORDINATING REQUIRED UTILITY LOCATION SERVICES, PERMITTING, AND OPERATIONAL CLEARANCES FROM RFETS UTILITY DEPARTMENT PRIOR TO DIGGING.
5. COORDINATE PROTECTION AND/OR ABANDONMENT OF MONITORING WELLS WITH KAISER-HILL.
6. ESTIMATED EARTHWORK REQUIRED WITHIN B707-750-776-779 PROJECT BOUNDARY.
   DISTURBED AREA: 40 ACRES
   ESTIMATED CUT: 72,000 CY
   ESTIMATED FILL: 92,000 CY
   TOTAL EARTHWORK: 164,000 CY
   SOIL SHORTAGE: 20,000 CY

   SOIL VOLUME ESTIMATES INCLUDE FILLING SUBSURFACE FEATURES AND REPLACEMENT FILL FOR IDENTIFIED REMOVAL OF FOUNDATION COMPONENTS FOR BUILDINGS 707, 750, 776/777, AND 779. FILL THAT MAY BE NEEDED FOR OTHER BUILDINGS WITHIN THE PROJECT AREA OR TO REPLACE UNDER BUILDING CONTAMINATED SOILS IS NOT INCLUDED. SOIL TO FILL TUNNEL BETWEEN BUILDINGS 771 AND 776 IS NOT INCLUDED.
7. OBTAIN GENERAL FILL MATERIAL AS SHOWN ON THIS DRAWING. OBTAINED ADDITIONAL SOIL FROM DESIGNATED ONSITE AREAS AS DIRECTED BY KAISER-HILL.
8. AT THE COMPLETION OF EACH PHASE, DISTURBED AREAS SHALL BE REVEGETATED PER KAISER-HILL STANDARDS.
9. PROVIDE EROSION AND SEDIMENT CONTROLS PER DRAWING C410. SUGGESTED LOCATION OF SILT FENCE SHOWN ON THIS DRAWING.

LEGEND:

- 6000 — EXISTING INDEX CONTOUR
- EXISTING INTERMEDIATE CONTOUR
- PAVED ROAD
- UNPAVED ROAD
- FENCE
- EXISTING CULVERT
- 80 — PROPOSED LCDB INDEX GRADE
- PROPOSED LCDB INTERMEDIATE GRADE
- ×85 PROPOSED LCDB SPOT ELEVATION
- DRAINAGE DITCH/CREEK CENTER LINE
- ENGINEERED CHANNEL BANK
- PROPOSED SILT FENCE

ORIGINAL SCALE: 1"=100'
CONTOUR INTERVAL 2'
ROCKY FLATS COORDINATES

DRAFT **Figure 7**

A ISSUE	ISSUED FOR REVIEW (DESCRIPTION)		KH900286-018 PROJECT/WOF NO.
KEYWORDS: 1.LAND 2.CONFIGURATION 3.GRADING 4.DRAINAGE 5.	TOLERANCES FRACT. ± ANGLE ± DEC. ± UNLESS NOTED OTHERWISE; REMOVE BURRS AND SHARP EDGES	DESIGN COMPANY: PARSONS; DESIGNED BY R. STEGEN; DRAWN BY R. SOLBERG; CHECKED BY J. KAPINOS; INDEPENDENT VERIFIER; APPROVED BY; CLASSIFIER; ADDITIONAL APPROVALS	U.S. DEPARTMENT OF ENERGY, ROCKY FLATS OFFICE, GOLDEN, COLORADO; Rocky Flats Environmental Technology Site, GOLDEN, COLORADO
BLDG./FACILITY: SITE	NEXT ASSEMBLY: N/A		LAND CONFIGURATION DESIGN BASIS IA GRADING AND DRAINAGE PLANS; BUILDINGS 707, 750, 776/777, AND 779 OVERALL PLAN
ROOM/AREA: N/A; GRID COORD./COL. NO.: N/A	SCALE: AS NOTED		SIZE: D; DRAWING NUMBER: XXXXX-C400; ISSUE: A

Appendix A Administrative Record Index for 776/777 Closure Project

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD FILE INDEX
FINAL REPORT

Document No.: B123 - A - 000149 Date: 01/01/1900 E Pages: 3

In accordance with the Rocky Flats Cleanup Agreement's administrative requirements, Decontamination and Decommissioning (D&D) of buildings must be conducted following Decision Documents (DD), which are subject to an approval of the Lead Regulatory Agency (LRA). Decision documents authorized by RFCA include: Interim Measures / Interim Remedial Action (IM/IRA); Proposed Action Memorandums (PAM); Decommi

Correspondence No. N/A

IHSS : **121**
148

Building No(s): **113** **114**

Author:
Recipient:

Organization:
Organization:

DISTRIBUTION

RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG

Microfiche No.: 110 to 110

Frames: 0001 0000 to 0001 0002

32

Document No.: B707 - A - 000025 Date: 08/26/1996 Pages: 9

Request for approval of Glovebox A80 Traffic Plan. The purpose of this correspondence is to present the recommended plan of action to move Glovebox A80 from Building 707 Module "A" to Building 776 for further reduction and waste processing.

Correspondence No. HNF-086-96

IHSS : **N/A** Building No(s): **707** **776**

Author: **FINKLEMAN, H.**
Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **LENARCIK, K.**
Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Microfiche No.: 64 to 64 Frames: 0028 0000 to 0028 0008

Document No.: B707 - A - 000032 Date: 06/13/1996 Pages: 6

Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J 20, 40 and 50 are contaminated. They will be moved to B776 for volume reduction. J 30 will be shipped to Los Alamos. J40A has been free released as waste and on May 23, 1996, J10 was added to the project scope.

Correspondence No. MAL MP-SMM-052; HNF-063-96

IHSS : **N/A** Building No(s): **707**

Author: **FINKLEMAN, H.**
Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **DISTRIBUTION**
Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Microfiche No.: 66 to 66 Frames: 0008 0000 to 0008 0005

Document No.: B707 - A - 000034 Date: 04/18/1996 Pages: 6

Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J 20, 40 and 50 are contaminated. They will be moved to B776 for volume reduction. J 30 will be shipped to Los Alamos. J40A will be treated as waste, with the possibility of free release.

Correspondence No. MAL MP-SMM-052; HNF-042-96

IHSS : **N/A** Building No(s): **707**

Author: **FINKLEMAN, H.**
Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **DISTRIBUTION**
Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Microfiche No.: 66 to 66 Frames: 0009 0000 to 0009 0005

Document No.: B707 - A - 000035 Date: 06/26/1996 Pages: 5

Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J 20, 40 and 50 are contaminated. They will be moved to B776 for volume reduction. J 30 will be shipped to Los Alamos. J40A has been free released as waste.

Correspondence No. MAL MP-SMM-052; HNF-068-96

IHSS : **N/A** Building No(s): **707**

Author: **FINKLEMAN, H.** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **DISTRIBUTION** Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 66 to 66 Frames: 0010 0000 to 0010 0004

Document No.: B707 - A - 000037 Date: 07/03/1996 Pages: 6

Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J20, J40 and J50 are contaminated. They will be moved to B776 for volume reduction. J30 will be shipped to Los Alamos. J40A has been free released as waste.

Correspondence No. MAL MP-SMM-052; HNF-072-96

IHSS : **N/A** Building No(s): **707** **776**

Author: **FINKLEMAN, H.** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **DISTRIBUTION** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Microfiche No.: 66 to 66 Frames: 0011 0000 to 0011 0005

Document No.: B707 - A - 000039 Date: 02/19/1996 Pages: 4

Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J20, J40 and J50 are contaminated. They will be moved to B776 for volume reduction. J30 and J40 are to be moved to "D" module in B707 for future use.

Correspondence No. HNF-016-96

IHSS : **N/A** Building No(s): **707** **776**

Author: **FINKLEMAN, H.** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **DISTRIBUTION** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Microfiche No.: 66 to 66 Frames: 0013 0000 to 0013 0003

Document No.: B707 - A - 000040 Date: 02/20/1996 Pages: 5

Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J20, J40 and J50 are contaminated. They will be moved to B776 for volume reduction. J30 and J40 are to be moved to "D" module in B707 for future use.

Correspondence No. HNF-018-96

IHSS : **N/A** Building No(s): **707** **776**

Author: **FINKLEMAN, H.** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **DISTRIBUTION** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Microfiche No.: 66 to 66 Frames: 0014 0000 to 0014 0004

Document No.: B707 - A - 000041 Date: 05/13/1996 Pages: 3

Requesting to present the Transportation Committee with a proposal for transportation of the Gloveboxes from Building 707 "J" Module to B776 for size reduction. Request approval this date.

Correspondence No. HNF-052-96

IHSS : **N/A** Building No(s): **707** **776**

Author: **FINKLEMAN, H.** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **LENARCIC, KEN** Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 66 to 66 Frames: 0015 0000 to 0015 0002

Document No.: B707 - A - 000043 Date: 03/11/1996 Pages: 6

Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J20, J40 and J50 are contaminated. They will be moved to B776 for volume reduction. J30 and J40 are to be moved to "D" module in B707 for future use.

Correspondence No. HNF-023-96

IHSS : **N/A** Building No(s): **707**

Author: **FINKLEMAN, H.** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **DISTRIBUTION** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Microfiche No.: 67 to 67 Frames: 0017 0000 to 0017 0005

Document No.: B707 - A - 000044 Date: 06/06/1996 Pages: 6

Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J20, J40 and J50 are contaminated. They will be moved to B776 for volume reduction. J30 will be shipped to Los Alamos. J40A has been free released as waste.

Correspondence No. MAL MP-SMM-052; HNF-060-96

IHSS : **N/A** Building No(s): **707**

Author: **FINKLEMAN, H.** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **DISTRIBUTION** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Microfiche No.: 67 to 67 Frames: 0018 0000 to 0018 0005

Document No.: B707 - A - 000047 Date: 03/18/1996 Pages: 5

Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J20, J40 and J50 are contaminated. They will be moved to B776 for volume reduction. J30 will be shipped to Los Alamos. J40A will be treated as waste.

Correspondence No. HNF-028-96

IHSS : **N/A** Building No(s): **707** **776**

Author: **FINKLEMAN, H.** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **DISTRIBUTION** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Microfiche No.: 67 to 67 Frames: 0020 0000 to 0020 0004

Document No.: B707 - A - 000048 Date: 07/10/1996 Pages: 5

Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J20, J40 and J50 are contaminated. They will be moved to B776 for volume reduction. J30 will be shipped to Los Alamos. J40A has been free released as waste.

Correspondence No. HNF-074-96

IHSS : **N/A** Building No(s): **707** **776**

Author: **FINKLEMAN, H.** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **DISTRIBUTION** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Microfiche No.: 67 to 67 Frames: 0021 0000 to 0021 0004

Document No.: B707 - A - 000050 Date: 06/24/1996 Pages: 5

Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J 20, 40 and 50 are contaminated. They will be moved to B776 for volume reduction. J 30 will be shipped to Los Alamos. J40A has been free released as waste and on May 23, 1996, J10 was added to the project scope.

Correspondence No. MAL MP-SMM-052; HNF-066-96

IHSS : **N/A** Building No(s): **707** **776**

Author: **FINKLEMAN, H.** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **DISTRIBUTION** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Microfiche No.: 67 to 67 Frames: 0022 0000 to 0022 0004

Document No.: B707 - A - 000051 Date: 04/04/1996 Pages: 6

Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J 20, 40 and 50 are contaminated. They will be moved to B776 for volume reduction. J 30 will be shipped to Los Alamos. J40A will be treated as waste, with the possibility of free release.

Correspondence No. MAL MP-SMM-052; HNF-037-96

IHSS : **N/A** Building No(s): **707**

Author: **FINKLEMAN, H.** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **DISTRIBUTION** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Microfiche No.: 67 to 67 Frames: 0023 0000 to 0023 0005

Document No.: B707 - A - 000052 Date: 07/22/1996 Pages: 5

Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J 20, 40 and 50 are contaminated. They will be moved to B776 for volume reduction. J 30 will be shipped to Los Alamos. J40A has been free released as waste and on May 23, 1996, J10 was added to the project scope.

Correspondence No. MAL MP-SMM-052; HNF-076-96

IHSS : **N/A** Building No(s): **707**

Author: **FINKLEMAN, H.** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **DISTRIBUTION** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Microfiche No.: 67 to 67 Frames: 0024 0000 to 0024 0004

Document No.: B707 - A - 000057 Date: 07/12/2001 Pages: 2

Purpose of Contact: Discusses the air compliance of Building 707/708 and 776/777 with environmental and building representatives on, July 11, 2001.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **707** **708**

Author: **CROUSE, ARCH** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Recipient: **DISTRIBUTION** Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 68 to 68 Frames: 0029 0000 to 0029 0001

Document No.: B707 - A - 000058 Date: 08/29/2001 Pages: 2

Purpose of Contact: Approval to move Gloveboxes for Building 707 to B776/777 and manage as remediation waste under Rocky Flats Cleanup Agreement (RFCA).

Correspondence No. N/A

IHSS : **N/A** Building No(s): **707** **776**

Author: **HOPKINS, TED A.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 71 to 71 Frames: 0021 0000 to 0021 0001

Document No.: B707 - A - 000068 Date: 05/01/2001 **E** Pages: 8

Lead Compliance Plan 707/776/777 Closure Plan, Revision 1, May 2001.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **707** **776**

Author: Organization:

Recipient: Organization:

DISTRIBUTION **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 70 to 70 Frames: 0063 0000 to 0063 0007

Document No.: B707 - A - 000071 Date: 11/27/2001 Pages: 59

Submits the enclosed Modification 2 to the Building 707 Decommissioning Operations Plan (DOP). This modification includes updates to the Set descriptions and amendments that ensure consistency between the 707 DOP and the 776/777 DOP, such as management of the overall project is unambiguous. Includes updates and corrections to Table 20, B707 Resource Conservation and Recovery Act (RCRA) and corrections of typogra

Correspondence No. 01-RF-02721; MSF-070-01

IHSS : **N/A** Building No(s): **707** **776**

Author: **FERRI, MARK S.**

Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **DALTON, HENRY F.**

Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 71 to 71 Frames: 0022 0000 to 0022 0058

Document No.: B707 - A - 000076 Date: 12/18/2001 Pages: 59

The US Department of Energy (DOE) forwards the attached Minor Modification 2 to the Building 707 Decommissioning Operations Plan (DOP). This modification includes a redefinition of the Closure Set descriptions, updates the B707 list of Resource Conservation and Recovery Act (RCRA) Regulated Units, revises the DOP to be more consistent with the B776/777 DOP and corrects some typographical errors.

Correspondence No. 01-DOE-02193; 00816-RF-01

IHSS : **N/A** Building No(s): **707**

Author: **LEGARE, JOSEPH A.**

Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE**

Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 72 to 72 Frames: 0027 0000 to 0027 0058

Document No.: B707 - A - 000078 Date: 12/18/2001 Pages: 59

Forwards the enclosed Minor Modification 2 to the Building 707 Decommissioning Operations Plan (DOP). This modification includes a redefinition of the Closure Set descriptions, updates the Building 707 list of Resource Conservation and Recovery Act (RCRA) Units, revises the DOP to be consistent with B776/777 DOP and corrects some typographical errors.

Correspondence No. 10-DOE-02193; 00816-RF-01

IHSS : **N/A** Building No(s): **707** **776**

Author: **LEGARE, JOSEPH A.**

Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE**

Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 72 to 73 Frames: 0028 0000 to 0028 0058

Document No.: B707 - A - 000085 Date: 07/01/2002 E Pages: 9

Building 707, 776 and 777 cargo loading current process per PRO-1285. Includes schedule and changes to be implemented with photographs of the docks and a map.

Correspondence No. MAN-072-OS&IH PM; MAN-T91-STSM-001

IHSS : **N/A** Building No(s): **707** **776**

Author: Organization:
Recipient: Organization:
DISTRIBUTION **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 75 to 75 Frames: 0021 0000 to 0021 0008

Document No.: B707 - A - 000092 Date: 09/30/2003 Pages: 6

Purpose of Contact: Advanced Size Reduction Facility (ASRF) Disposition. In accordance with the 776/777 Decommissioning Operations Plan (DOP), Appendix I, the preparation of the facility for demolition is conducted in consultation with the Colorado Department of Public Health and Environment (CDPHE) and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the wc

Correspondence No. N/A

IHSS : **N/A** Building No(s): **707**

Author: Organization:
FOSS, DYAN **KAISER-HILL COMPANY, L.L.C.**
Recipient: Organization:
KRAY, EDD **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 78 to 78 Frames: 0024 0000 to 0024 0005

Document No.: B707 - A - 000093 Date: 09/30/2003 Pages: 1

Purpose of Contact: Report results of the DOE / CDPHE walk-downs with KH of five completed decommissioning sets in Building 707 (Sets B5, E5, J2, J5, and K3) and three completed decommissioning sets in Building 776/777 (Sets 66, 67, and 80). This contact record is to document that CDPHE did not report any issues or concerns or have and questions with the subject work-sets. Therefore, DOE concludes that CDPI

Correspondence No. N/A

IHSS : **N/A** Building No(s): **707**

Author: Organization:
SCHUETZ, GARY **DOE, US DEPARTMENT OF ENERGY**
Recipient: Organization:
KRAY, EDD **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 78 to 78 Frames: 0025 0000 to 0025 0000

Document No.: B707 - A - 000095 Date: 11/15/2001 Pages: 56

Modification 2 to the Building 707 Decommissioning Operations Plan (DOP) - Kaiser-Hill Company, L.L.C. (K-H) is submitting the attached minor modification for US Department of Energy, Rocky Flats Field Office (DOE/RFFO) approval and forwarding to the Colorado Department of Public Health and Environment (CDPHE). This modification to the DOP includes: (1) Updates to the Set descriptions; (2) Amendments that ensure consist

Correspondence No. 01-RF-02721; MSF-070-01

IHSS : **N/A** Building No(s): **707**

Author: **FERRI, MARK S.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **DALTON, HENRY F.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 83 to 83 Frames: 0014 0000 to 0014 0055

Document No.: B707 - A - 000102 Date: 09/30/2003 Pages: 1

Purpose of Contact: Report results of the US Department of Energy (DOE), Colorado Department of Public Health and Environment (CDPHE), walk-downs with K-H Independent Safety Oversight (KH), of five (5) completed decommissioning sets in Building 707, (Sets B5, E5, J2, J5, and K3), and three (3) completed decommissioning sets in B776/777 (Sets 66, and 80). This contact that CDPHE did not report any issues or con

Correspondence No. N/A

IHSS : **N/A** Building No(s): **707** **776/777**

Author: **SCHUETZ, GARY** Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 85 to 85 Frames: 0037 0000 to 0037 0000

Document No.: B707 - A - 000105 Date: 04/14/2004 Pages: 16

Subject: Memo of Understanding for the Demolition of Building 707/776/777/778 and associated Buildings.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **707** **776/777**

Author: **LINSINBIGELER, HARRY** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **PIZZUTO, VICTOR M.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Microfiche No.: 86 to 86 Frames: 0003 0000 to 0003 0015

Document No.: B707 - A - 000113 Date: 09/02/2004 Pages: 2

Purpose of Contact: Disposition of Building 778. As a result of the 1969 Building 776/777 fire, contamination was spread down the passageway into Building 778. In addition, the 778 laundry facility processed uranium-contaminated protective clothing, and has contamination greater than the unrestricted release limits on some areas of the floor, three small valve pits, and in concrete filled trenches. The majority of the 778 structure inclu

Correspondence No. N/A

IHSS : **N/A** Building No(s): **778**

Author: **FOSS, DYAN**

Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **KRAY, EDD**

Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: to Frames: to

Document No.: B771 - A - 000170 Date: 04/08/2002 Pages: 1

Discusses anonymous letter concerning contamination issues in Buildings 771 and 776.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **771** **776**

Author: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **SHELTON, DAVID C.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Microfiche No.: 72 to 72 Frames: 0043 0000 to 0043 0000

Document No.: B771 - A - 000203 Date: 11/01/1994 E Pages: 24

9.0 Operational History of Building 771 (Historical Release Report (HRR) November 1994): Building 771 was one of the first four major buildings to be constructed and placed in operation at the Rocky Flats Plant. For the first few years of operation, 771 was the primary facility for plutonium (Pu) operations. By the mid-1950s, it was clear that the space within 771 was inadequate to support all Pu operations needed. Operational expansio

Correspondence No. SW-A-001217

IHSS : **N/A** Building No(s): **771**

Author: Organization:

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: 82 to 83 Frames: 0038 0000 to 0038 0023

Document No.: B776 - A - 000001 Date: 10/20/1998 Pages: 2

US Department of Energy (DOE) requests a re-issuance of the Fiscal Year FY99 milestones and target activities with specified modification. The FY99 target FY99 - T5 under the Rocky Flats Cleanup Agreement (RFCA) states, "Remove Solid Category I and II Special Nuclear Materials (SNM) (not holdup) from Building 776/777 by September 30, 1999..." Planning for this activity has surfaced problems meeting this target with regard to comp

Correspondence No. 98-DOE-03449; 01473-RF-98

IHSS : **N/A** Building No(s): **701** **702**

Author: **SARTER, REGINA** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 1 to 1 Frames: 71.0 to 71.1

Document No.: B776 - A - 000003 Date: 07/07/1999 Pages: 202

Transmittal of the Rocky Flats Environmental Technology Site (RFETS) Building 776/777 Closure Project Decommissioning Operations Plan (DOP) Plan, Final Draft, July 7, 1999. The overall project strategy is to prioritize closure activities, taking into account personnel, public and environmental Health and Safety; physical constraints; operational and technical issues; management issues; cost; and waste generation issues

Correspondence No. 99-DOE-01853; 99-DOE-01854

IHSS : **N/A** Building No(s): **701** **702**

Author: Organization:

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: 2 to 4 Frames: 000246 to 000447

Document No.: B776 - A - 000004 Date: 08/05/1999 Pages: 2

Transmits the Draft Rocky Flats Environmental Technology Site (RFETS) Building 776/777 Decommissioning Operations Plan (DOP) for Colorado Department of Public Health and Environment (CDPHE) review and approval. This draft DOP was developed based on Scoping and other consultations with CDPHE and US Environmental Protection Agency (EPA), and based on the requirements of the Decommissioning Program Plar

Correspondence No. 99-DOE-01853; 00838-RF-99

IHSS : **N/A** Building No(s): **701** **702**

Author: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 4 to 4 Frames: 000448 to 000449

Document No.: B776 - A - 000005 Date: 08/05/1999 Pages: 2

Transmits the Draft Rocky Flats Environmental Technology Site (RFETS) Building 776/777 Decommissioning Operations Plan (DOP) for US Environmental Protection Agency (EPA) review and approval. This draft DOP was developed based on Scoping and other consultations with Colorado Department of Public Health and Environment (CDPHE) and EPA, and based on the requirements of the Decommissioning Program Plan (DPP).

Correspondence No. 99-DOE-01854; 00839-RF-99

IHSS : **N/A** Building No(s): **701** **702**

Author: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **REHDER, TIMOTHY** Organization: **EPA, US ENVIRONMENTAL PROTECTION AGENCY**

Microfiche No.: 4 to 4 Frames: 000450 to 000451

Document No.: B776 - A - 000007 Date: 08/30/1999 Pages: 2

Transmits the US Department of Energy, Rocky Flats Field Office (DOE/RFFO) letter to provide notification of a possible delay in meeting the Fiscal Year 1999 (FY99) Rocky Flats Cleanup Agreement (RFCA) Target T5: Remove Solid Category I and II Special Nuclear Materials (SNM) from Building 776/777 by September 30, 1999. A modification to T5 is not being proposed at this time, August 30, 1999.

Correspondence No. 99-DOE-03687

IHSS : **N/A** Building No(s): **701** **702**

Author: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 4 to 4 Frames: 000452 to 000453

Document No.: B776 - A - 000008 Date: 09/20/1999 Pages: 5

Transmitting letter regarding Draft Building 776/777 Decommissioning Operations Plan (DOP). Includes the comments from the Colorado Department of Public Health and Environment (CDPHE) on the B776/777 Closure Project DOP, Revision 0, Final Draft, July 7, 1999.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **701** **702**

Author: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Recipient: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 4 to 5 Frames: 000454 to 000458

Document No.: B776 - A - 000009 Date: 09/23/1999 Pages: 3

Transmitting letter regarding Building 776/777 Closure Project Decommissioning Operation Plan (DOP). Includes the comments from the US Environmental Protection Agency (EPA).

Correspondence No. 8EPR-F

IHSS : **N/A** Building No(s): **701** **702**

Author: **AGUILAR, MARK**
Organization: **EPA, US ENVIRONMENTAL PROTECTION AGENCY**

Recipient: **KRAY, EDD**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 5 to 5 Frames: 000459 to 000461

Document No.: B776 - A - 000010 Date: 09/20/1999 Pages: 4

Comments on the Final Draft on Building 776/777 Closure Project Decommissioning Operation Plan (DOP) from the City of Broomfield.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **701** **702**

Author: **SCHNOOR, KATHRYN**
Organization: **CITY OF BROOMFIELD**

Recipient: **CORSI, JOHN**
Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 5 to 5 Frames: 000462 to 000465

Document No.: B776 - A - 000011 Date: 10/27/1999 Pages: 2

Forwards the attached [000012] Rocky Flats Environmental Technology Site (RFETS/Site) Building 776/777 Closure Project Decommissioning Operations Plan (DOP), Revision 0 October 18, 1999. Includes responses to written public comments received by the Rocky Flats Field Office (RFFO). Written comments were received from the Colorado Department of Public Health and Environment (CDPHE), the US Environmental Protection Ag

Correspondence No. DOE-00-00202

IHSS : **N/A** Building No(s): **701** **702**

Author: **LEGARE, JOSEPH A.**
Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 5 to 5 Frames: 000466 to 000467

Document No.: B776 - A - 000012 Date: 10/18/1999 Pages: 268

Rocky Flats Environmental Technology Site (RFETS) Building 776/777 Closure Project Decommissioning Operations Plan (DOP), Revision 0 October 18, 1999. Closure of the Building 776/777 Cluster is necessary to meet the goals of the Rocky Flats Cleanup Agreement (RFCA) and the RFETS Closure Project Baseline (CPB). The overall project strategy is to prioritize closure activities, taking into account personnel, public, and environ

Correspondence No. Ref: DOE-00-00202

IHSS : **N/A** Building No(s): **701** **702**

Author: Organization:
Recipient: Organization:
DISTRIBUTION **NOT INDICATED**

Microfiche No.: 5 to 8 Frames: 000468 to 000735

Document No.: B776 - A - 000013 Date: 11/05/1999 Pages: 1

Correspondence from the Colorado Department of Public Health and Environment (CDPHE) receiving and reviewing the Final Building 776/777 Closure Project Decommissioning Operations Plan (DOP), November 3, 1999. The plan is acceptable and approval is hereby granted to proceed with B776/777 decommissioning activities as described within this Rocky Flats Cleanup Agreement (RFCA) Decision Document.

Correspondence No. None

IHSS : **N/A** Building No(s): **701** **702**

Author: Organization:
GUNDERSON, STEVE **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**
Recipient: Organization:
LEGARE, JOSEPH A. **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 9 to 9 Frames: 000736 to 000736

Document No.: B776 - A - 000014 Date: 11/10/1999 Pages: 1

Transmittal the letter submits the Final Building 776/777 Decommissioning Operations Plan (DOP), November 3, 1999. The Final DOP has been revised since it was submitted on October 27,1999, based on comments from the Colorado Department of Public Health and Environmental (CDPHE) regarding Residues/Mixed Residues and Waste Chemicals sections of the DOP. The purpose of the changes is to make the DOP language consistei

Correspondence No. 00-DOE-00470

IHSS : **N/A** Building No(s): **701** **702**

Author: Organization:
LEGARE, JOSEPH A. **DOE, US DEPARTMENT OF ENERGY**
Recipient: Organization:
GUNDERSON, STEVE **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 9 to 9 Frames: 000737 to 000737

4p

Document No.: B776 - A - 000015 Date: 11/03/1999 Pages: 271

Transmits Rocky Flats Environmental Technology Site (RFETS) Building 776/777 Closure Project Decommissioning Operations Plan (DOP), November 3, 1999. Closure of the B776/777 Cluster is necessary to meet goals for Rocky Flats Cleanup Agreement (RFCA) and the Closure Project Baseline. The B776/777 Closure Project is managed under the RFETS Closure Project Baseline, which contains the life-cycle schedule.

Correspondence No. 00-DOE-00470

IHSS : **N/A** Building No(s): **701** **702**

Author: Organization:
Recipient: Organization:
DISTRIBUTION **NOT INDICATED**

Microfiche No.: 9 to 12 Frames: 000738 to 001008

Document No.: B776 - A - 000016 Date: 09/30/1999 Pages: 9

Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division Compliance Advisory for September 20 and 27, 1999 inspections of Building 776/777 (RCRA) Tank Systems - The Division has determined that Rocky Flats Environmental Technology Site (RFETS) has failed to adequately implement combustible gas monitoring in certain tank systems which has resulted in several deficiencies asso

Correspondence No. EPA ID: CO7890010526

IHSS : **N/A** Building No(s): **701** **702**

Author: Organization:
SCHIEFFELIN, JOE **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**
Recipient: Organization:
HOPKINS, TED A. **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Microfiche No.: 14 to 14 Frames: 0033 0000 to 0033 0008

Document No.: B776 - A - 000017 Date: 11/08/1999 Pages: 111

On October 28, Rocky Flats Environmental Technology Site (RFETS) representatives met with staff members of the Colorado Department of Public Health and Environment (CDPHE) and the Colorado Attorney General's office to discuss technical issues related to a Compliance Advisory addressing the management of certain tanks and equipment in Building 776/777. At the time, CDPHE representatives requested additional information

Correspondence No. 00-DOE-00462; 99-RF-04415; RJW-024-99

IHSS : **N/A** Building No(s): **701** **702**

Author: Organization:
HOPKINS, TED A. **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**
Recipient: Organization:
GILBREATH, CHRIS C. **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 14 to 15 Frames: 0034 0000 to 0034 0110

Document No.: B776 - A - 000018 Date: 11/09/1999 Pages: 1

Purpose of Contact: Discusses removal of piping between Buildings 777 and 779 relative to B776/777 DOP.

Correspondence No. None

IHSS : **N/A** Building No(s): **701** **702**

Author: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Recipient: **CATHEL, ROBERT** Organization: **NOT INDICATED**

Microfiche No.: 12 to 12 Frames: 001009 to 001009

Document No.: B776 - A - 000019 Date: 11/08/1999 Pages: 4

Purpose of Contact: Self-disclosure of audit findings for Buildings 776/777 and 374 - The Kaiser-Hill Company, L.L.C. (K-H) Team conducted a self-assessment of Buildings 776/777 and 374 to evaluated the environmental compliance with all applicable regulations and permit requirements. The B776/777 assessment is still ongoing while the B374 assessment was completed on November 3, 1999. The following findings are as:

Correspondence No. None

IHSS : **N/A** Building No(s): **701** **702**

Author: **BURBACH, CINDY** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Recipient: **HOPKINS, TED A.** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Microfiche No.: 12 to 12 Frames: 001010 to 001013

Document No.: B776 - A - 000020 Date: 12/09/1999 Pages: 6

Forwards the enclosed Minor Modification 1 to the Final Building 776/777 Decommissioning Operations Plan (DOP).

Correspondence No. 00-DOE-00815

IHSS : **N/A** Building No(s): **701** **702**

Author: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 12 to 13 Frames: 001014 to 001019

Document No.: B776 - A - 000021 Date: 12/15/1999 Pages: 1

This Colorado Department of Public Health and Environment (CDPHE) letter constitutes approval and acceptance of the proposed Minor Modification 1 to the B776/777 Decommissioning Operations Plan (DOP). This minor modification is for unit-specific closure information and removal of Resource Conservation and Recovery Act (RCRA) Units within Set 62.

Correspondence No. Ref: 00-DOE-00815

IHSS : **N/A** Building No(s): **701** **702**

Author: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 13 to 13 Frames: 001020 to 001020

Document No.: B776 - A - 000024 Date: 12/29/1999 Pages: 30

Building 776/777 Cluster Closure Project Health and Safety Plan (HASP), Revision 0 December 29, 1999. The purpose of this Health and Safety Plan is to identify, mitigate, and control/eliminate potential safety, health and environmental hazards associated with decommissioning activities in the following buildings: 701, 702, 703, 710, 712, 713, 713A, 730, 776, 777, and 781. Procedures and controls will be identified in this HASP that will hel

Correspondence No. RF/RMRS-99-474.UN

IHSS : **N/A** Building No(s): **701** **702**

Author: Organization:

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: 15 to 16 Frames: 0035 0000 to 0035 0029

Document No.: B776 - A - 000031 Date: 03/03/2000 Pages: 1

Colorado Department of Public Health and Environment (CDPHE) correspondence regarding approval of Minor Modification 3 of Building 776/ 777 Decommissioning Operations Plan (DOP). This includes unit-specific closure information for Resource Conservation and Recovery Act (RCRA) units located in work sets 7, 11, 26 and 61.

Correspondence No. 776; 777

IHSS : **N/A** Building No(s): **701** **702**

Author: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 17 to 17 Frames: 0042 0000 to 0042 0000

Document No.: B776 - A - 000032 Date: 02/07/2000 Pages: 8

Rocky Mountain Remediation Services (RMRS) correspondence regarding Building 776/777 Deviation form DES-210 Procurement Requirements. This deviation request is similar to that granted to buildings 779 and 771 attached. Also included in this document in Calculation/Technical Basis Cover Sheet and Revision Summary.

Correspondence No. WJM-004-00; DGR-030-99; DGR-042-98; CALC-779-HVAV-000052

IHSS : **N/A** Building No(s): **701** **702**

Author: **MCANDREW, WILLIAM J.** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **VOORHEIS, GARY M.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Microfiche No.: 17 to 17 Frames: 0043 0000 to 0043 0007

Document No.: B776 - A - 000033 Date: 05/29/1996 Pages: 1

Safe Sites of Colorado, L.L.C. (SSOC) correspondence regarding Hazardous Waste Tank Systems Management Plan-Notification of Building 776 Tanks T1/T2 Draining, Isolation and Sampling Completion. Because of change for a System Category this allows the tanks to be inspected quarterly, instead of daily which will be implemented immediately.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **701** **702**

Author: **WARD, DAVID** Organization: **SSOC, SAFE SITES OF COLORADO, L.L.C.**

Recipient: **TICKNOR, K. W.** Organization: **SSOC, SAFE SITES OF COLORADO, L.L.C.**

Microfiche No.: 17 to 17 Frames: 0044 0000 to 0044 0000

Document No.: B776 - A - 000034 Date: 02/24/2000 Pages: 1

Colorado Department of Public Health and Environment (CDPHE) formal approval of US Department of Energy, Rocky Flats Field Office (DOE/RFFO) February 17, 2000, request for Minor Modification 2 to the Building 776/777 Decommissioning Operations Plan (DOP). The Site had discussed the proposed modification with CDPHE technical staff in advance of the formal request, and it was acceptable.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **701** **702**

Author: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 17 to 17 Frames: 0045 0000 to 0045 0000

Document No.: B776 - A - 000035 Date: 03/01/2000 Pages: 13

Forwards the enclosed Minor Modification 3 to the Building 776/777 Decommissioning Operations Plan (DOP) for review and approval. This modification includes Resource Conservation and Recovery Act (RCRA) unit-specific closure information for units located in Sets 7, 11, 26, and 61.

Correspondence No. 00-DOE-01595; 00244-RF-00

IHSS : **N/A** Building No(s): **701** **702**

Author: **LEGARE, JOSEPH A.**
Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 17 to 18 Frames: 0046 0000 to 0046 0012

Document No.: B776 - A - 000036 Date: 05/17/2000 Pages: 23

US Department of Energy, Rocky Flats Field Office (DOE/RFFO) transmits the enclosed Minor Modification 4 to the November 3, 1999 Final Building 776/777 Decommissioning Operations Plan (DOP). The modification is being submitted in accordance with Paragraph 127 of the Rocky Flats Cleanup Agreement (RFCA) and Operation Order OO-776-374. also enclosed is a copy of the B776/777 Operations Order, OO-776-374. The appr

Correspondence No. 00-DOE-02450; OO-776-374

IHSS : **N/A** Building No(s): **701** **702**

Author: **LEGARE, JOSEPH A.**
Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 19 to 19 Frames: 0043 0000 to 0043 0022

Document No.: B776 - A - 000037 Date: 05/23/2000 Pages: 1

Colorado Department of Public Health and Environment (CDPHE) correspondence acknowledging receipt, review, and approval of Minor Modification 4 to the Building 776/777 Decommissioning Operations Plan (DOP). Minor modification submitted by US Department of Energy, Rocky Flats Field Office (DOE/RFFO) May 17, 2000; references Operations Order, OO-776-374

Correspondence No. 00-DOE-2450; OO-776-374

IHSS : **N/A** Building No(s): **701** **702**

Author: **GUNDERSON, STEVE**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **LEGARE, JOSEPH A.**
Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 19 to 19 Frames: 0044 0000 to 0044 0000

Document No.: B776 - A - 000038 Date: 09/14/2000 Pages: 2

Purpose of Contact: Rocky Flats Environmental Technology Site (RFETS) submits Regulatory Contact Record requesting to waive twenty one day waiting period to initiate Minor Modification No. 5 to the Buildings 776/777 Decommissioning Operations Plan (DOP). This Modification deals in part with the removal of Resource Conservation and Recovery Act (RCRA) Units 94.001, 94.002 and 94.003 in SET 55.

Correspondence No. N/A

IHSS : N/A Building No(s): 701 702

Author: HOPKINS, TED A. Organization: RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L

Recipient: Organization:

Microfiche No.: 20 to 20 Frames: 0014 0000 to 0014 0001

Document No.: B776 - A - 000039 Date: 08/22/2000 Pages: 3

Purpose of Contact: Rocky Flats Environmental Technology Site (RFETS) submits Regulatory Contact Record notifying a underground water pipe leak that supplies cooling to Buildings 776/777. Requests permission to replace the excavated soil from repair of this pipeline in the excavation pit.

Correspondence No. N/A

IHSS : N/A Building No(s): 701 702

Author: HOPKINS, TED A. Organization: RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L

Recipient: Organization:

Microfiche No.: 20 to 20 Frames: 0015 0000 to 0015 0002

Document No.: B776 - A - 000040 Date: 04/17/2000 Pages: 2

Purpose of Contact: Rocky Flats Environmental Technology Site (RFETS) submits Regulatory Contact Record requesting approval of additional wastes under Buildings 776/777 Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) management.

Correspondence No. N/A

IHSS : N/A Building No(s): 701 702

Author: HOPKINS, TED A. Organization: RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L

Recipient: Organization:

Microfiche No.: 20 to 20 Frames: 0016 0000 to 0016 0001

Document No.: B776 - A - 000041 Date: 06/02/2000 Pages: 8

Purpose of Contact: Rocky Flats Environmental Technology Site (RFETS) submits Regulatory Contact Record from US Environmental Protection Agency (EPA) to Rocky Mountain Remediation Services, L.L.C. (RMRS). The contact record documents concurrence for the management of Polychlorinated Biphenyl (PCB) waste under 1998 Megarule in Buildings 776/777.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **701** **702**

Author: **AGUILAR, MARK**
Organization: **EPA, US ENVIRONMENTAL PROTECTION AGENCY**

Recipient: **HOPKINS, TED A.**
Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Microfiche No.: 20 to 20 Frames: 0017 0000 to 0017 0007

Document No.: B776 - A - 000042 Date: 09/11/2000 Pages: 6

US Department of Energy, Rocky Flats Field Office (DOE/RFFO) submits Minor Modification No. 5 to the Final Buildings 776/777 Decommissioning Operations Plan (DOP). This modification includes Resource Conservation and Recovery Act (RCRA) units to be added to the DOP and RCRA unit specific closure information for RCRA units located in set 55.

Correspondence No. 00-DOE-03378; 00-RF-00844

IHSS : **N/A** Building No(s): **701** **702**

Author: **LEGARE, JOSEPH A.**
Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 20 to 20 Frames: 0018 0000 to 0018 0005

Document No.: B776 - A - 000043 Date: 09/13/2000 Pages: 1

Colorado Department of Public Health and Environment (CDPHE) letter constituting approval for Buildings 776/777 Decommissioning Operations Plan (DOP) Minor Modification No. 5. This proposed modification pursuant to Paragraph 127 of Resource Conservation and Recovery Act (RCRA).

Correspondence No. 00-DOE-03378

IHSS : **N/A** Building No(s): **701** **702**

Author: **GUNDERSON, STEVE**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **LEGARE, JOSEPH A.**
Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 20 to 20 Frames: 0019 0000 to 0019 0000

Document No.: B776 - A - 000044 Date: 02/24/2000 Pages: 1

Colorado Department of Public Health and Environment (CDPHE) letter that constitutes approval of Minor Modification No. 2 for Decommissioning Operations Plan (DOP) to the Buildings 776/777, pursuant to Paragraph 127 of the Resource Conservation and Recovery Act (RCRA).

Correspondence No. N/A

IHSS : **N/A** Building No(s): **701** **702**

Author: **GUNDERSON, STEVE**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Recipient: **LEGARE, JOSEPH A.**
Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 20 to 20 Frames: 0020 0000 to 0020 0000

Document No.: B776 - A - 000045 Date: 02/07/2000 Pages: 4

Kaiser-Hill Company, L.L.C. (K-H) submits Minor Modification No. 2 to the Building 776/777 Decommissioning Operations Plan (DOP), pursuant to Paragraph 127 of the Resource Conservation and Recovery Act (RCRA) for approval. This agreement is documented in a January 24, 2000 Rocky Flats Environmental Technology Site (RFETS) Regulatory Contact Record which discusses the removal of 10 feet of ancillary piping associated with I

Correspondence No. 00-RF-00492; AMP-040-00; 00-RF-00402

IHSS : **N/A** Building No(s): **701** **702**

Author: **PARKER, ALAN M.**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **DALTON, HENRY F.**
Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 20 to 20 Frames: 0021 0000 to 0021 0003

Document No.: B776 - A - 000046 Date: 09/19/2000 Pages: 3

Purpose of Contact: E-mail transmits Regulatory Contact Record from Colorado Department of Public Health and Environment (CDPHE) to Kaiser-Hill Company, L.L.C. (K-H) of walkdown completion Decommissioning sets on Building 776/777, Sets 7, 15, 17, 26, 38, 39, 46, 49, 57 and 62. All agree that these sets are complete.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **701** **702**

Author: **HOPKINS, TED A.**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **ADMINISTRATIVE RECORD**
Organization: **RFETS CERCLA ADMINISTRATIVE RECORD FILE**

Microfiche No.: 20 to 20 Frames: 0022 0000 to 0022 0002

Document No.: B776 - A - 000047 Date: 09/13/2000 Pages: 1

Colorado Department of Public Health and Environment (CDPHE) letter approving Building 776/777 Decommissioning Operations Plan (DOP) proposed Minor Modification No. 5.

Correspondence No. 00-DOE-03378

IHSS : **N/A** Building No(s): **701** **702**

Author: **GUNDERSON, STEVE**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **LEGARE, JOSEPH A.**
Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 20 to 20 Frames: 0023 0000 to 0023 0000

Document No.: B776 - A - 000048 Date: 10/26/2000 Pages: 4

Purpose of Contact: E-mail forwarding a Regulatory Contact Record stating a correction of the Units 7 and 12 to be corrected to 27 and 12 for partial closure of Resource Conservation and Recovery Act (RCRA) Unit 776.1 upstairs in Room 208 and 237 in Building 776. This partial closure consists of the container storage area's metal berms. This contract was submitted by Colorado Department of Public Health and Environment (CDPHE)

Correspondence No. N/A

IHSS : **N/A** Building No(s): **701** **702**

Author: **HOPKINS, TED A.**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **ADMINISTRATIVE RECORD**
Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: 20 to 20 Frames: 0024 0000 to 0024 0003

Document No.: B776 - A - 000049 Date: 09/11/2000 Pages: 7

US Department of Energy, Rocky Flats Field Office (DOE/RFFO) submits Minor Modification No. 5 to the final Buildings 776/777 Decommissioning Operations Plan (DOP). This modification includes Resource Conservation and Recovery Act (RCRA) units to be added to the DOP and RCRA unit specific closure information for RCRA units located in set 55.

Correspondence No. 00-DOE-03378; 00-RF-02462; MSF-029-00

IHSS : **N/A** Building No(s): **701** **702**

Author: **LEGARE, JOSEPH A.**
Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **DALTON, HENRY F.**
Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 21 to 21 Frames: 0006 0000 to 0006 0006

Document No.: B776 - A - 000050 Date: 04/04/1996 Pages: 12

Kaiser-Hill Company, L.L.C. (K-H) submits an Unreviewed Safety Question Determination (USQD) of Building 776 Advanced Size Reduction Facility (ASRF) Glove Inspection and Washing Procedure. This USQD identifies an increase in potential previously analyzed accidents of a spill or fire for B776/777 while performing inspections.

Correspondence No. 96-RF-01979; 4-R53-776-ASRF-006; VM-104-96

IHSS : **N/A** Building No(s): **701** **702**

Author: **MANI, VIK** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **BROCKMAN, DAVID A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 21 to 21 Frames: 0007 0000 to 0007 0011

Document No.: B776 - A - 000051 Date: 09/18/1996 Pages: 11

Rocky Mountain Remediation Services, L.L.C. (RMRS) transmits the Resource Conservation and Recovery Act (RCRA) Closure Plan for Building 776 Fluidized Bed Incinerator (FBI) Unit Oil Storage Raschig Ring for Tanks T1 and T2 dated September 1996. Also included are draft transmittal letters to US Department of Energy (DOE) and the Colorado Department of Public Health and Environment (CDPHE).

Correspondence No. 96-RM-TA-0174-KH; GRK-251-96

IHSS : **N/A** Building No(s): **701** **702**

Author: **KONWINSKI, GARY R.** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **LEITNER, RANDY M.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Microfiche No.: 23 to 23 Frames: 0036 0000 to 0036 0010

Document No.: B776 - A - 000053 Date: 02/13/2001 Pages: 2

US Department of Energy (DOE) forwards the Minor Modification No. 6 to the Final Building 776/777 Decommissioning Operations Plan (DOP). This modification includes a update to Table 6 of B 776/777 Resource Conservation and Recovery Act (RCRA) and unit specific closure information for RCRA units located in Sets 4, 5, 6, 10, 11, 18, 21, 22, 27, 29, 34, 35, 36 and 52.

Correspondence No. 01-DOE-00217

IHSS : **N/A** Building No(s): **701** **702**

Author: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 22 to 22 Frames: 0052 0000 to 0052 0001

Document No.: B776 - A - 000054 Date: 01/22/2001 Pages: 48

Minor Modification No. 6 to the Final Building 776/777 Decommissioning Operations Plan (DOP). This modification includes a update to Table 6 of B 776/777 Resource Conservation and Recovery Act (RCRA) and unit specific closure information for RCRA units located in Sets 4, 5, 6, 10, 11, 18, 21, 22, 27, 29, 34, 35, 36 and 52.

Correspondence No. 01-DOE-00217

IHSS : **N/A** Building No(s): **701** **702**

Author: Organization:
Recipient: Organization:
DISTRIBUTION **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 22 to 22 Frames: 0053 0000 to 0053 0047

Document No.: B776 - A - 000055 Date: 02/22/2001 Pages: 1

Colorado Department of Public Health and Environment (CDPHE) approves the Modification No. 6 for the Building 776/777 Decommissioning Operations Plan (DOP).

Correspondence No. N/A

IHSS : **N/A** Building No(s): **701** **702**

Author: Organization:
GUNDERSON, STEVE **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**
Recipient: Organization:
LEGARE, JOSEPH A. **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 22 to 22 Frames: 0054 0000 to 0054 0000

Document No.: B776 - A - 000056 Date: 04/03/2001 Pages: 2

Purpose of Contact: States the Inability to conduct daily Resource Conservation and Recovery Act (RCRA) inspections on April 3, 2001 in B776/777. A power failure occured when a raccoon shorted out the transformer, interrupting power. The criticality alarm panel was deemed to be inoperable and as a result B776/777 was evacuated and daily RCRA inspection of tank/tank systems could not be completed.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: Organization:
HOPKINS, TED A. **KAISER-HILL COMPANY, L.L.C.**
Recipient: Organization:
ADMINISTRATIVE RECORD **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: 22 to 22 Frames: 0055 0000 to 0055 0001

Document No.: B776 - A - 000058 Date: 02/16/2001 Pages: 6

Radiological and Non-Radiological Characterization Package for Building 776 / 777's Satellite Buildings. The scope of this Package is to prepare a Supplemental Reconnaissance Level Characterization Report to the B776/777 RLCR, dated August 1998, for Outbuildings 701, 702, 703, 710, 712, 712B, 713, 713A, and 781 and their associated slabs / foundations.

Correspondence No. N/A

Author: **ENVIRONMENTAL COMPLIANCE ORGAN**

Organization: **KAISER-HILL COMPANY, L.L.C.**

Building No(s): **701** **702**

Recipient: **DISTRIBUTION**

Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 56 to 56 Frames: 0021 0000 to 0021 0005

Document No.: B776 - A - 000062 Date: 05/17/2001 Pages: 3

Building 776/777 and 707 Combined Colorado Department of Public Health and Environment (CDPHE) and the US Department of Energy (DOE) Weekly Status Meeting, Draft Agenda. This meeting discusses the Decontamination and Decommissioning (D&D) successfulness of these buildings.

Correspondence No. N/A

IHSS : **N/A**

Building No(s): **707** **776/777**

Author: **KRAY, EDD**

Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **DISTRIBUTION**

Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 23 to 23 Frames: 0037 0000 to 0037 0002

Document No.: B776 - A - 000063 Date: 06/07/2001 Pages: 4

US Department of Energy (DOE) forwards Minor Modification No. 7 to the Final Building 776/777 Decommissioning Operations Plan (DOP). The modification includes a change to the documentation requirements for administrative closure of container storage units. Also a revision to the requirements for remediation waste treatment, which makes these requirements consistent with minor modification No. 4, appro

Correspondence No. 01-DOE-01037; 00388-RF-01

IHSS : **N/A**

Building No(s): **776/777**

Author: **LEGARE, JOSEPH A.**

Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE**

Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 23 to 23 Frames: 0038 0000 to 0038 0003

Document No.: B776 - A - 000064 Date: 06/19/2001 Pages: 2

Purpose of Contact: Requests modification of approved Closure Plan for GB642 in Set 6, Building 776/777 Decommissioning Operations Plan (DOP). This concerns a Glovebox that is being removed.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **HICKS, CAROLYN** Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 23 to 23 Frames: 0039 0000 to 0039 0001

Document No.: B776 - A - 000065 Date: 07/12/2001 Pages: 2

Purpose of Contact: Discusses the air compliance of Building 707/708 and 776/777 with environmental and building representatives on, July 11, 2001.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **CROUSE, ARCH** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **DISTRIBUTION** Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 23 to 23 Frames: 0040 0000 to 0040 0001

Document No.: B776 - A - 000066 Date: 06/27/2001 Pages: 1

Approval for the, Minor Modification No.7 to the Building 776/777, Decommissioning Operations Plan (DOP) pursuant to Paragraph 127.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 23 to 23 Frames: 0041 0000 to 0041 0000

Document No.: B776 - A - 000068 Date: 06/19/2001 Pages: 2

Purpose of Contact: Regarding approval for staging of Resource Conservation and Recovery Act (RCRA) hazardous waste containers in Room 144, Building 776 during repack operations.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HOPKINS, TED A.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 23 to 23 Frames: 0043 0000 to 0043 0001

Document No.: B776 - A - 000069 Date: 02/28/2001 Pages: 2

Purpose of Contact: Regarding notification of Partial Closure of Unit 90.99 in the basement of Room 127, Metal Berm, Building 776 [SET 68].

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HOPKINS, TED A.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 3 to 3 Frames: 0044 0000 to 0044 0001

Document No.: B776 - A - 000070 Date: 08/02/2001 Pages: 1

Response to Kaiser-Hill Company, L.L.C. (K-H) Letter on Demolition of Building 776/777 Out-Buildings and Structures dated July 27, 2001.

Correspondence No. 01-RF-01776; MSF-036-01

IHSS : **N/A** Building No(s): **776/777**

Author: **BOSTIC, RON** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **DALTON, HENRY F.** Organization: **NOT INDICATED**

Microfiche No.: 24 to 24 Frames: 0078 0000 to 0078 0000

Document No.: B776 - A - 000071 Date: 08/28/2001 Pages: 2

Regulatory Contact Record: Approval to use Room 131 in Building 776 for Repack, Packing, Sampling and Venting of Used Oils.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **HOPKINS, TED A.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Microfiche No.: 24 to 24 Frames: 0079 0000 to 0079 0001

Document No.: B776 - A - 000072 Date: 04/29/2001 Pages: 4

Submits the enclosed Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Management Division (HZMD), Hazardous Waste Inspection Report. Closure of the March 15, 2001 Compliance Inspection of Buildings 776/777.

Correspondence No. 00305-RF-01; CO7890010526

IHSS : **N/A** Building No(s): **776/777**

Author: **SMITH, ED** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **NORTH, KARAN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Microfiche No.: 24 to 24 Frames: 0080 0000 to 0080 0003

Document No.: B776 - A - 000073 Date: 08/30/2001 Pages: 2

Notification of intent to render the Life Safety/Disaster Warning System out-of-commission in Building 776/777 out-building and structures.

Correspondence No. 01-RF-02029; MSF-046-01

IHSS : **N/A** Building No(s): **776** **777**

Author: **FERRI, MARK S.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **MAZUROWSKI, BARBARA A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 24 to 24 Frames: 0081 0000 to 0081 0001

Document No.: B776 - A - 000074 Date: 08/29/2001 Pages: 2

Purpose of Contact: Approval to move Gloveboxes for Building 707 to B776/777 and manage as remediation waste under Rocky Flats Cleanup Agreement (RFCA).

Correspondence No. N/A

IHSS : **N/A** Building No(s): **707** **776**

Author: **HOPKINS, TED A.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 35 to 35 Frames: 0038 0000 to 0038 0001

Document No.: B776 - A - 000075 Date: 09/18/2001 Pages: 12

Supplements to Pre-Demolition Survey Report (PDSR) for Buildings 776/777 Cooling Tower Decommissioning.

Correspondence No. 01-RF-02178; MSF-052-01

IHSS : **N/A** Building No(s): **702** **703**

Author: **FERRI, MARK S.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **SCHUETZ, GARY** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 24 to 24 Frames: 0082 0000 to 0082 0011

Document No.: B776 - A - 000076 Date: 09/18/2001 Pages: 1

Forwards the attached [000077] Building 776/777 Cooling Tower Decommissioning Pre-Demolition Survey Report (PDSR) for review and comment.

Correspondence No. 01-DOE-01741; 00625-RF-01

IHSS : **N/A** Building No(s): **702** **703**

Author: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 24 to 24 Frames: 0083 0000 to 0083 0000

Document No.: B776 - A - 000077 Date: 09/07/2001 Pages: 642

Pre-Demolition Survey Report (PDSR), Buildings 702, 703, 712, 712A, 713 and 713A (Building's 776/777's Cooling Towers and Support Buildings), 776/777 Closure Project, Revision 1; September 7, 2001.

Correspondence No. Ref: 01-DOE-01741; 01-RF-02178; 00625-RF-01; MSF-052-01; 01-RF-02119; MSF-050-01

IHSS : **N/A** Building No(s): **702** **703**

Author: Organization:
Recipient: Organization:
DISTRIBUTION **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 24 to 34 Frames: 0084 0000 to 0084 0641

Document No.: B776 - A - 000078 Date: 09/10/2001 Pages: 1

Submits the attached [000077] Pre-Demolition Survey Report (PDSR) for Buildings 776/777 Cooling Tower Decommissioning.

Correspondence No. 01-RF-02119; MSF-050-01

IHSS : **N/A** Building No(s): **702** **703**

Author: Organization:
FERRI, MARK S. **KAISER-HILL COMPANY, L.L.C.**
Recipient: Organization:
SCHUETZ, GARY **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 34 to 34 Frames: 0085 0000 to 0085 0000

Document No.: B776 - A - 000079 Date: 09/26/2001 Pages: 4

Forwards enclosed additions to the attached [000077] Pre-Demolition Survey Report (PDSR) for Buildings 776/777 Cooling Tower Decommissioning Characterization Report.

Correspondence No. 01-RF-02281; MSF-059-01

IHSS : **N/A** Building No(s): **702** **703**

Author: Organization:
FERRI, MARK S. **KAISER-HILL COMPANY, L.L.C.**
Recipient: Organization:
GUNDERSON, STEVE **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 34 to 34 Frames: 0086 0000 to 0086 0003

Document No.: B776 - A - 000083 Date: 02/28/2002 Pages: 33

Submits the enclosed Modification No. 8 to the Building 776/777 Decommissioning Operations Plan (DOP) and Paragraph 127 of the Rocky Flats Cleanup Agreement (RFCA) for approval. This modification includes: (1) termination of the Mixed Residue consent Order for Tank Systems in 776/777; (2) transfer of management of the Process Waste Tanks from the RCRA Permit to the DOP; and (3) submittal of Unit-specific closure informati

Correspondence No. 02-RF-00622; MSF-016-02

IHSS : **N/A** Building No(s): **776** **777**

Author: **FERRI, MARK S.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **DALTON, HENRY F.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 35 to 35 Frames: 0041 0000 to 0041 0032

Document No.: B776 - A - 000084 Date: 02/13/2002 Pages: 2

Purpose of Contact: Following the consultative process, Building 776/777 Environmental Compliance personnel requested that the Mixed Residue Consent Order be either terminated or extended to meet the Decontamination and Decommissioning (D&D) schedule for the Project. A Draft Minor Modification (No. 8) to the 776/777 Decommissioning Operations Plan (DOP), along with a table of clarification was provided to the Co

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HOPKINS, TED A.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: 36 to 36 Frames: 0047 0000 to 0047 0001

Document No.: B776 - A - 000085 Date: 04/08/2002 Pages: 1

Discusses anonymous letter concerning contamination issues in Buildings 771 and 776.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **771** **776**

Author: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **SHELTON, DAVID C.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Microfiche No.: 36 to 36 Frames: 0048 0000 to 0048 0000

Document No.: B776 - A - 000086 Date: 04/04/2002 Pages: 32

This letter constitutes approval and acceptance of the minor modification pursuant to Paragraph 127 of the Rocky Flats Cleanup Agreement (RFCA). Pursuant to Section 4.5.2 of the Building 776/777 Decommissioning Operations Plan (DOP) the final modification No. 8 is being submitted.

Correspondence No. 02-RF-00880; MSF-025-02

IHSS : **N/A** Building No(s): **776** **777**

Author: **FERRI, MARK S.**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **DALTON, HENRY F.**
Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 36 to 36 Frames: 0049 0000 to 0049 0031

Document No.: B776 - A - 000088 Date: 02/13/2002 Pages: 2

Purpose of Contact: The Building 776/777 Environmental Compliance personnel request that the Mixed Residue Consent Order be either terminated or extended to meet the Decontamination and Decommissioning (D&D) schedule for the Project. (See also: Minor Modification No. 8)

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HINDMAN, JAMES**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Recipient: **HOPKINS, TED A.**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Microfiche No.: 36 to 36 Frames: 0050 0000 to 0050 0001

Document No.: B776 - A - 000089 Date: 03/18/2002 Pages: 3

Purpose of Contact: Requests approval to start the Decontamination and Decommissioning (D&D) operations for Set 64 of the Draft Building 776/777 Decommissioning Operations Plan (DOP) Modification No. 8.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **HOPKINS, TED A.**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **HINDMAN, JAMES**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 36 to 36 Frames: 0051 0000 to 0051 0002

50

Document No.: B776 - A - 000090 Date: 03/26/2002 Pages: 3

Purpose of Contact: Requests approval to start the Decontamination and Decommissioning (D&D) operations for Set 78 of the Draft Building 776/777 Decommissioning Operations Plan (DOP) Modification No. 8.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **HICKS, CAROLYN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 36 to 36 Frames: 0052 0000 to 0052 0002

Document No.: B776 - A - 000091 Date: 05/01/2002 Pages: 1

The Colorado Department of Public Health and Environment (CDPHE) constitutes approval and acceptance of the proposed modification pursuant to Paragraph 127 of the Rocky Flats Cleanup Agreement (RFCA). The Agency approves the Minor Modification No. 8 to the Building 776/777 Decommissioning Operations Plan (DOP).

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 36 to 36 Frames: 0053 0000 to 0053 0000

Document No.: B776 - A - 000092 Date: 12/28/1999 Pages: 1

Purpose of Contact: Requesting approval to remove the fences (cages) around Unit 777.1, Room 430, area 2 and 3 in Building 776/777 for Decontamination and Decommissioning (D&D) on Gloveboxes.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **HICKS, CAROLYN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **GILBREATH, CHRIS C.** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 36 to 36 Frames: 0054 0000 to 0054 0000

Document No.: B776 - A - 000080 Date: 05/01/2001 E Pages: 8

Lead Compliance Plan 707/776/777 Closure Plan, Revision 1, May 2001.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **707** **776**

Author: Organization:
Recipient: Organization:
DISTRIBUTION **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 34 to 34 Frames: 0087 0000 to 0087 0007

Document No.: B776 - A - 000081 Date: 10/15/2001 Pages: 2

Purpose of Contact: Information regarding the venting of gas cylinder bottles in Buildings 776/777.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: Organization:
NORTH, KARAN **KAISER-HILL COMPANY, L.L.C.**
Recipient: Organization:
SCHIEFFELIN, JOE **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 35 to 35 Frames: 0039 0000 to 0039 0001

Document No.: B776 - A - 000082 Date: 01/14/2002 Pages: 1

Purpose of Contact: Discusses the results of the walk down with Kaiser-Hill Company, L.L.C. (K-H) performed on Sets 10, 24, 29, 31 and 74, which has completed decommissioning in Building 776/777.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: Organization:
SCHUETZ, GARY **KAISER-HILL COMPANY, L.L.C.**
Recipient: Organization:
KRAY, EDD **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 35 to 35 Frames: 0040 0000 to 0040 0000

51

Document No.: B776 - A - 000093 Date: 01/13/2000 Pages: 1

Purpose of Contact: Discusses the Building 776/777 vapor degreaser piping removal.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **WALKER, RANDY**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **KRAY, EDD**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 36 to 36 Frames: 0055 0000 to 0055 0000

Document No.: B776 - A - 000094 Date: 09/30/1999 Pages: 1

Discusses National Environmental Policy Act (NEPA) determination for Building 776/777 remote operations size reduction system.

Correspondence No. SMN-123-99

IHSS : **N/A** Building No(s): **776** **777**

Author: **NESTA, STEVE**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **WOLTEMATH, J.**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Microfiche No.: 36 to 36 Frames: 0056 0000 to 0056 0000

Document No.: B776 - A - 000095 Date: 09/27/1999 Pages: 2

Air Quality Management (AQM)/Radian International reviews the remote operations size-reduction system for Building 776 and provides their evaluation.

Correspondence No. CAP-153-99

IHSS : **N/A** Building No(s): **776**

Author: **PATNOE, C. A.**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NESTA, STEVE**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Microfiche No.: 36 to 36 Frames: 0057 0000 to 0057 0001

Document No.: B776 - A - 000096 Date: 02/12/1999 Pages: 8

Concerns relating to the Closeout of the January 6, 1999 Inspection of Building 776/777. The Colorado Department of Public Health and Environment (CDPHE) requests additional information regarding the characterization of the treatability study test materials that were located in a cargo container to the south of Building 707.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **SCHIEFFELIN, JOE**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Recipient: **HOPKINS, TED A.**
Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Microfiche No.: 36 to 36 Frames: 0058 0000 to 0058 0007

Document No.: B776 - A - 000097 Date: 05/17/2002 Pages: 3

The Colorado Department of Public Health and Environment (CDPHE) provides comments on the tour of Buildings 776/777 that was given May 14, 2002.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **KRAY, EDD**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Recipient: **AGUILAR, MARK**
Organization: **NOT INDICATED**

Microfiche No.: 36 to 36 Frames: 0059 0000 to 0059 0002

Document No.: B776 - A - 000098 Date: 08/30/2001 Pages: 3

Provides comments from the Colorado Department of Public Health and Environment (CDPHE) of the 776 Cooling Towers tour.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **KRAY, EDD**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Recipient: **TARLTON, STEVE**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 36 to 36 Frames: 0060 0000 to 0060 0002

Document No.: B776 - A - 000099 Date: 04/29/2002 Pages: 2

Purpose of Contact: Provides updated information regarding Low-Level Mixed (LLM) Cargo Container at 964 yard. Due to suspension of operations of heavy equipment within the 776/777 project, relocation will be postponed.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **CATHEL, ROBERT** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 36 to 36 Frames: 0061 0000 to 0061 0001

Document No.: B776 - A - 000101 Date: 04/04/2002 Pages: 2

Purpose of Contact: Discusses the repack operations of Low-Level Mixed (LLM) and/or Transuranic Mixed (TRM) in the non-permitted Size Reduction Vault (SRV) airlock of Building 776.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **CATHEL, ROBERT** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 37 to 37 Frames: 0063 0000 to 0063 0001

Document No.: B776 - A - 000102 Date: 03/26/2002 Pages: 3

Purpose of Contact: Colorado Department of Public Health and Environment (CDPHE) has completed a review of draft Building 776/777 Decommissioning Operations Plan (DOP) Modification No. 8. Subsequent comments have been incorporated, and the revised Closure Information Sheets have been approved. A revised mod 8 will be re-submitted to US Department of Energy, Rocky Flats Field Office (DOE/RFFO) for forwarding to CDPHE

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: 37 to 37 Frames: 0064 0000 to 0064 0002

Document No.: B776 - A - 000103 Date: 06/10/2002 Pages: 2

Letter provides notification of conducting active decommissioning of Building 776 processes. The Rocky Flats Field Office (RFFO) has agreed to formally notify in writing prior to the removal of individual effluent samplers for service. This letter provides that notification.

Correspondence No. 02-DOE-00854; 00365-RF-02

IHSS : **N/A** Building No(s): **776**

Author: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **CROUSE, ARCH** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 37 to 37 Frames: 0065 0000 to 0065 0001

Document No.: B776 - A - 000104 Date: 06/02/2002 Pages: 2

The Colorado Department of Public Health and Environment (CDPHE) approves the extention to the B776/777 Mixed Residue Consent Order Commitment Date.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **SCHIEFFELIN, JOE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Recipient: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 37 to 37 Frames: 0066 0000 to 0066 0001

Document No.: B776 - A - 000105 Date: 06/20/2002 Pages: 2

Discusses the tour of Building 776/777 and the sets in question that was taken on June 20, 2002 by the Colorado Department of Public Health and Environment (CDPHE).

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Recipient: **AGUILAR, MARK** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 37 to 37 Frames: 0067 0000 to 0067 0001

Document No.: B776 - A - 000106 Date: 07/01/2002 E Pages: 9

Building 707, 776 and 777 cargo loading current process per PRO-1285. Includes schedule and changes to be implemented with photographs of the docks and a map.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **707** **776**

Author: Organization:
Recipient: Organization:
DISTRIBUTION **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 38 to 38 Frames: 0024 0000 to 0024 0008

Document No.: B776 - A - 000107 Date: 07/25/2002 Pages: 2

Purpose of Contact: Discusses the contact record documents, regarding characterization of the Fluidized Bed Incinerator (FBI) Pilot Incinerator, Room 135, Building 776.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: Organization:
LESSER, RICHARD **KAISER-HILL COMPANY, L.L.C.**
Recipient: Organization:
HINDMAN, JAMES **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 38 to 38 Frames: 0025 0000 to 0025 0001

Document No.: B776 - A - 000108 Date: 08/08/2002 Pages: 1

Purpose of Contact: Discusses and resolves several issues of the Environmental Restoration (ER) Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) Notification No. 02-10, Individual Hazardous Substance Site IHSS Group 300-1 and Industrial Area Sampling and Analysis Plan (IASAP) Addendum No. IA-02-08 (Building 776).

Correspondence No. N/A

IHSS : **128** Building No(s): **N/A**
134N

Author: Organization:
SERREZE, SUSAN **KAISER-HILL COMPANY, L.L.C.**
Recipient: Organization:
POTTORFF, ELIZABETH T. **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 38 to 38 Frames: 0026 0000 to 0026 0000

Document No.: B776 - A - 000109 Date: 09/05/2002 Pages: 4

This letter constitutes approval and acceptance of the minor modification pursuant to Paragraph 127 of Rocky Flats Cleanup Agreement (RFCA), to Section 4.5.2 of the Building 776/777 Decommissioning Operations Plan (DOP). This modification No. 9 to the DOP includes submittal of the unit-specific closure information sheet and drawing for Set 82. This includes all concrete secondary containment areas that provided containment for

Correspondence No. 02-RF-01946; MSF-051-02

IHSS : **N/A** Building No(s): **776** **777**

Author: **FERRI, MARK S.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 38 to 38 Frames: 0027 0000 to 0027 0003

Document No.: B776 - A - 000110 Date: 10/01/2002 Pages: 1

The Colorado Department of Public Health and Environment (CDPHE) approves the Minor Modification No. 9 to the Building 776/777 Decommissioning Operations Plan (DOP). This constitutes approval and acceptance of the proposal modification in accordance with Sector 4.5.2 of the DOP and pursuant to Paragraph 127 of the Rocky Flats Cleanup Agreement (RFCA).

Correspondence No. 000689-RF-02

IHSS : **N/A** Building No(s): **776** **777**

Author: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 38 to 38 Frames: 0028 0000 to 0028 0000

Document No.: B776 - A - 000111 Date: 09/14/2000 Pages: 2

Purpose of Contact: Personnel listed participated in a walkdown of Sets 7, 15, 17, 26, 38, 39, 46, 57, and 62 in Building 776/777. The purpose of the walkdown was for all parties to come to agreement that these sets are considered complete. None of the parties raised any questions or concerns regarding the completion of the sets. Therefore, all agree that these sets are complete.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **MACLEOD, SANDI** Organization: **NOT INDICATED**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 39 to 39 Frames: 0042 0000 to 0042 0001

Document No.: B776 - A - 000112 Date: 10/25/2000 Pages: 2

Purpose of Contact: Section 4.5.2, Closure Documentation of the Building 776/777 Closure Project Decommissioning Operations Plan (DOP), states that "portions of a RCRA-regulated unit may be removed prior to submittal of the required unit-specific closure information upon engagement of the consultative process and concurrence of the LRA." In accordance with this section the Colorado Department of Public Health and E

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HOPKINS, TED A.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 39 to 39 Frames: 0043 0000 to 0043 0003

Document No.: B776 - A - 000113 Date: 02/01/2001 Pages: 2

Purpose of Contact: Section 4.5.2, Closure Documentation of the Building 776/777 Closure Project Decommissioning Operations Plan (DOP), states that "portions of a RCRA-regulated unit may be removed prior to submittal of the required unit-specific closure information upon engagement of the consultative process and concurrence of the LRA." In accordance with this section the Colorado Department of Public Health and E

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HOPKINS, TED A.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 39 to 39 Frames: 0044 0000 to 0044 0001

Document No.: B776 - A - 000115 Date: 10/31/2000 Pages: 2

Purpose of Contact: To document follow-up actions to three previous contacts made regarding activities in the Size Reduction Vault in Building 776. On April 4, 2000, an issue was identified regarding possibly up to 20 cans of Ball Mill Sludge (mixed waste) believed to be located in the SRV. The issue was entered into ECATS (#1335) and self-identified to Colorado Department of Public Health and Environment (CDPHE).

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HICKS, CAROLYN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **BURBACH, CINDY** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 39 to 39 Frames: 0046 0000 to 0046 0001

Document No.: B776 - A - 000116 Date: 10/10/2000 Pages: 2

Purpose of Contact: Decontamination and Decommissioning (D&D) personnel in Building 776/777 are planning to remove many of the cages and non-load bearing walls within the building. In the past, we have requested permission on a case-by-case basis for removal of walls or cages associated with Resource Conservation and Recovery Act (RCRA) units. CDPHE agreed with the request, with the following stipulations:

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HICKS, CAROLYN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 39 to 39 Frames: 0047 0000 to 0047 0001

Document No.: B776 - A - 000117 Date: 10/05/2000 Pages: 2

Purpose of Contact: Regarding the planned entry into the Size Reduction Vault in Building 776, Room 146, one of the activities includes a verification that three tanks (Ball Mill Washer, Collection Pan and Annular Tank) are physically empty in accordance with the Mixed Residue Tank Plan. It is suggested that the Ball Mill Washer and Collection Pan will be visually verified and that Colorado Department of Public Health and Environment (CI

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **CATHEL, ROBERT** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 39 to 39 Frames: 0048 0000 to 0048 0001

Document No.: B776 - A - 000118 Date: 08/22/2000 Pages: 2

Purpose of Contact: A container of mixed residue dry combustibles that failed Real Time Radiography (RTR) for 10 ml free liquids is currently being stored in Unit 776.1, Room 127, which is not permitted for liquids. During the monthly compliance meeting with Colorado Department of Public Health and Environment (CDPHE) (August 22), it was proposed leaving the drum in Rm. 127 because As Low As Reasonably Achievable (ALARA)

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HOPKINS, TED A.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **BURBACH, CINDY** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 39 to 39 Frames: 0049 0000 to 0049 0001

Document No.: B776 - A - 000121 Date: 08/11/2000 Pages: 2

Purpose of Contact: Re Unit 776.2, Aqueous Process Waste Collection and Storage Unit (Tanks: T-1A [Unit 776.2A]; T-1B [Unit 776.2B]; T-2A [Unit 776.2C]; and T-2B [Unit 776.2D]). During a phone conversation with Colorado Department of Public Health and Environment (CDPHE), a variance was requested from unit specific requirements for overfill prevention requirements for Tanks T-1A and T-1B. The Unit specific operating requirer

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HOPKINS, TED A.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 39 to 39 Frames: 0052 0000 to 0052 0001

Document No.: B776 - A - 000122 Date: 08/07/2000 Pages: 1

Purpose of Contact: On August 7, 2000, the planned entry into the Chemical Exclusion Area in Building 776 idendified as Room 135, Fluidized Bed Incinerator (FBI) Gloveboxes was discussed with Colorado Department of Public Health and Environment (CDPHE). Work was planned to enter this area and that any chemicals found in this area will be managed in accordance with the 776 Decommissioning Operations Plan (DOP) and applicabl

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **CATHEL, ROBERT** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **BURBACH, CINDY** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 39 to 39 Frames: 0053 0000 to 0053 0000

Document No.: B776 - A - 000123 Date: 07/27/2000 Pages: 2

Four 4-liter bottles of liquid hazardous waste, which are covered by the Site Treatment Plan Consent Order, require sampling for radiological and Resource Conservation and Recovery Act (RCRA) characterization. Building 776 personnel would like to conduct sampling in Glovebox J-176 (the "Barrel Dump" Glovebox on the Advanced Size Reduction Facility [ASARF]) and leave the bottles in the glovebox until analytical results are obt

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HICKS, CAROLYN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 39 to 39 Frames: 0054 0000 to 0054 0001

Document No.: B776 - A - 000124 Date: 07/25/2000 Pages: 1

Room 159, which is part of Permitted Storage Unit 776.1, contains a partition wall separating Room 159 from Room 159A and a cinderblock wall within Rm. 159. These walls did not contact hazardous waste, and do not require Resource Conservation and Recovery Act (RCRA) closure. However, because they are located within the boundaries of the RCRA storage unit and are shown on the drawing in the permit, permission was requeste

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HICKS, CAROLYN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 39 to 39 Frames: 0055 0000 to 0055 0000

Document No.: B776 - A - 000126 Date: 07/06/2000 Pages: 2

On June 21, Building 776 notified Colorado Department of Public Health and Environment (CDPHE) that there was a potential that reactive chemicals (i.e., Picric Acid) would be found in Fume Hoods 28 and 29 in Room 445 of Building 776. Subsequent to this initial notification, a visual inspection of the fume hoods identified several containers. All containers were labeled as to their content but all are secondary containers. None of the contai

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HOPKINS, TED A.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **BURBACH, CINDY** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 39 to 39 Frames: 0057 0000 to 0057 0001

Document No.: B776 - A - 000127 Date: 07/05/2000 Pages: 2

The Rocky Flats Environmental Technology Site (RFETS/Site) Permit and the Interim Status Closure Plan require that Resource Conservation and Recovery Act (RCRA) closure (including Clean Closure by Decontamination and Debris Treatment) be certified by "an independent registered engineer." A Professional Engineer (P. E.) Certification is not required for closure by removal. The Building 776/777 Decommissioning Of

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HOPKINS, TED A.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 39 to 39 Frames: 0058 0000 to 0058 0001

56

Document No.: B776 - A - 000129 Date: 06/21/2000 Pages: 1

Per previous notification to Colorado Department of Public Health and Environment (CDPHE) of planned entry into two Chemical Exclusion Areas in Fume Hoods 28 and 29 in Room 445, Set 43. Today one of the workers who previously did work in the fume hoods said they may have used Picric Acid. The Building 776 Chemical Control Administrator notified site Subject Matter Experts (SME) for reactive chemicals (Radian Corporation) wl

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HICKS, CAROLYN** Organization: **KAISER-HILL COMPANY, L,L.C.**

Recipient: **BURBACH, CINDY** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 39 to 39 Frames: 0060 0000 to 0060 0000

Document No.: B776 - A - 000132 Date: 06/16/2000 Pages: 3

Building 776/777 Environmental Compliance is requesting approval to conduct Clean Closure activities for the following Units: 90.85 (Room 152 Pyrochemical Vault Set 53); 2501 (Room 478 B-Vault Interim Storage Area [ISA] Set 46); and 777.1 (Room 448 Set 32 NDT Vault). DOP 4.5.1.1 RCRA regulated units may be "clean closed" either by documenting the absence of contamination or by decontaminating the unit. For units having

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HOPKINS, TED A.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 39 to 39 Frames: 0062 0000 to 0062 0002

Document No.: B776 - A - 000133 Date: 06/12/2000 Pages: 2

A phone message was left with the Colorado Department of Public Health and Environment (CDPHE) on June 12 regarding the planned entry into the following Chemical Exclusion Areas in Building 777: Room 452, Glovebox 034 (chemicals visible in GB); Room 452, Downdraft 14/24 (GB 206*532) (unknown if chemicals are present). A message was also left on June 13 regarding the planned entry into the following Chemical Exclusio

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **LESSER, RICHARD** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **BURBACH, CINDY** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 39 to 39 Frames: 0063 0000 to 0063 0001

Document No.: B776 - A - 000135 Date: 04/17/2000 Pages: 2

Building 776/777 personnel intend to enter a Chemical Exclusion Area (an airlock identified as 146A) subject to the Chemical Consent Order. The purpose of this entry is work on the LSDW system. In addition, about a month ago, 776/777 personnel entered into a Chemical Exclusion Area for the purpose of sampling chemicals. Chemicals in Glovebox 399 were taken. Results are pending. Colorado Department of Public Health and Enviro

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HOPKINS, TED A.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **BURBACH, CINDY** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 39 to 39 Frames: 0065 0000 to 0065 0001

Document No.: B776 - A - 000136 Date: 02/13/2002 Pages: 2

Following the consultative process outlined in the Rocky Flats Cleanup Agreement (RFCA, 1996), Building 776/777 Environmental Compliance personnel requested that the Mixed Residue Consent Order be either terminated or extended to meet the Decontamination and Decommissioning (D&D) schedule for the Project. The Mixed Residue consent Order / Tank Management Plan currently requires that 776/777 tank systems be rem

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **HOPKINS, TED A.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 39 to 39 Frames: 0066 0000 to 0066 0001

Document No.: B776 - A - 000137 Date: 01/14/2002 Pages: 1

On January 14, 2002, Kaiser-Hill Company, L.L.C. (K-H) and US Department of Energy, Rocky Flats Field Office (DOE/RFFO) performed a walkdown of Sets 10, 24, 29, 31, and 74 in Building 776/777. The purpose of the walkdown was to verify that the Worksets are in fact completed satisfactorily. DOE did not identify any issues or concerns during the walkdown. The Colorado Department of Public Health and Environment (CDPHE) repre:

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **SCHUETZ, GARY** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 39 to 39 Frames: 0067 0000 to 0067 0000

57

Document No.: B776 - A - 000140 Date: 06/01/2003 E Pages: 18

Characterization Data Summary, Individual Hazardous Substance Site Group 700-3, June 2003. This data summary report summarizes initial characterization activities conducted at the request of Building 776/777 Decontamination and Decommissioning (D&D) personnel at the RFETS. Additional sampling will be required to make future environmental restoration action decision. Under Building Contamination (UBC) for 776 and 777

Correspondence No. Ref: 03-RF-00891; JLB-051-03

IHSS : **000-121**
118.1

Building No(s): **UBC 70 UBC 77**

Author:
Recipient:
DISTRIBUTION

Organization:
Organization:
NOT INDICATED

Microfiche No.: 40 to 40 Frames: 0028 0000 to 0028 0019

Document No.: B776 - A - 000141 Date: 05/12/2003 Pages: 28

Provides the enclosed Building 776/777 Decommissioning Operations Plan (DOP) Appendix I Demolition Plan, Draft for Public Comment, May 12, 2003.

Correspondence No. N/A

IHSS : **N/A**

Building No(s): **776 777**

Author:
FOSS, DYAN

Organization:
KAISER-HILL COMPANY, L.L.C.

Recipient:
ROBBINS, J. C.

Organization:
ADMIN RECORD FILE CENTER, ARFC

Microfiche No.: 40 to 40 Frames: 0029 0000 to 0029 0027

Document No.: B776 - A - 000142 Date: 05/30/2003 Pages: 23

Forwards a synopsis and letter enclosing the Minor Modification No. 10 to the Building 776/777 Decommissioning Operations Plan (DOP) dated May 15, 2003 for approval. This letter constitutes approval and acceptance of the minor modification pursuant to Paragraph 127 of the Rocky Flats Cleanup Agreement (RFCA).

Correspondence No. 03-D0E-00635; PRO:FCWM:GWS:03-00635

IHSS : **N/A**

Building No(s): **776 777**

Author:
SCHUETZ, GARY

Organization:
DOE, US DEPARTMENT OF ENERGY

Recipient:
GUNDERSON, STEVE

Organization:
CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI

Microfiche No.: 40 to 41 Frames: 0030 0000 to 0030 0022

Document No.: B776 - A - 000143 Date: 06/10/2003 Pages: 2

Kaiser-Hill Company, L.L.C. (K-H) memorandum regarding the Remediation, Industrial Building D&D and Site Services Project, RISS and Building 776/777 Management Agreement for the Demolition of Building 730. Building 730 is located directly north of the B776/777 and consists of four concrete tanks housed in an underground vault. Environmental Restoration (ER) stabilized two of these tanks as part of the RFETS Undergr

Correspondence No. MSF-017-03

IHSS : **N/A** Building No(s): **730**

Author: **FERRI, MARK S.** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **FERRERA, DENNIS W.** Organization: **RISS, REMEDIATION, INDUSTRIAL BUILDING D&D AND**

Microfiche No.: 41 to 41 Frames: 0031 0000 to 0031 0001

Document No.: B776 - A - 000144 Date: 06/10/2003 Pages: 1

The Colorado Department of Public Health and Environment (CDPHE) approves the Minor Modification No. 10 to the Building 776/777 Decommissioning Operations Plan (DOP) dated May 15, 2003.

Correspondence No. 00555-RF-03

IHSS : **N/A** Building No(s): **776** **777**

Author: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **DISALVO, RICHARD** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 41 to 41 Frames: 0032 0000 to 0032 0000

Document No.: B776 - A - 000145 Date: 08/28/1998 Pages: 212

Building 776/777 Reconnaissance Level Characterization Report, Revision 0; August 28, 1998. The purpose of the RLCR is to establish a preliminary estimate of the type of contamination and safety hazards present in the Building 776/777 Cluster. The scope of the document is as follows: To provide input to the Project Execution Plan (PEP) and Decommissioning Operations Plan (DOP) and to support and facilitate planning specific Decont

Correspondence No. N/A

IHSS : **N/A** Building No(s): **701** **702**

Author: Organization:

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: 41 to 44 Frames: 0033 0000 to 0033 0211

Document No.: B776 - A - 000146 Date: 07/07/2003 Pages: 1

Transmits the attached [000147] Safety Evaluation Report for Building 776/777 Documented Safety Analysis, Revision 1 dated May 2003.

Correspondence No. 00630-RF-03; SP:NRD:RGB:03-00683

IHSS : **N/A** Building No(s): **776** **777**

Author: **SCHMITT, EUGENE C.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **PARKER, ALAN M.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Microfiche No.: 44 to 44 Frames: 0034 0000 to 0034 0000

Document No.: B776 - A - 000147 Date: 05/01/2003 Pages: 62

Safety Evaluation Report for Building 776/777 Documented Safety Analysis, Revision 1 May 2003.

Correspondence No. Ref: 00630-RF-03; SP:NRD:RGB:03-00683

IHSS : **N/A** Building No(s): **776** **777**

Author: **HORTON, WILLIAM H.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **DISTRIBUTION** Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 44 to 45 Frames: 0035 0000 to 0035 0061

Document No.: B776 - A - 000148 Date: 06/27/2003 Pages: 64

Forwards the enclosed Major Modification to the Building 776/777 Closure Project Decommissioning Operations Plan (DOP), Appendix I dated June 30, 2003. This DOP includes information on demolition methods, techniques, controls and performance specifications that will ensure safety of workers, public health and the environment.

Correspondence No. 03-DOE-00785; 00612-RF-03

IHSS : **N/A** Building No(s): **776** **777**

Author: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 45 to 46 Frames: 0036 0000 to 0036 0063

Document No.: B776 - A - 000149 Date: 08/14/2003 Pages: 14

Forwards the enclosed Radiological Pre-Demolition Survey Plan (PDSP) for Building 776/777 August 8, 2003 for approval. Due to the unique nature of this facility, two project specific documents are being developed and the Non-Radiological Characterization Plan will be submitted for your approval in another transmittal.

Correspondence No. 03-RF-01028; 00771-RF-03

IHSS : **N/A** Building No(s): **776** **776/777**

Author: **LEGARE, JOSEPH A.**
Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 47 to 47 Frames: 0046 0000 to 0046 0013

Document No.: B776 - A - 000150 Date: 08/18/2003 Pages: 1

The Colorado Department of Public Health and Environment (CDPHE) approves the Pre-Demolition Survey Plan (PDSP) for Building 776/777 dated August 8, 2003.

Correspondence No. 00786-RF-03; Ref: 03-RF-01028; 00771-RF-03

IHSS : **N/A** Building No(s): **776** **776/777**

Author: **GUNDERSON, STEVE**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Recipient: **LEGARE, JOSEPH A.**
Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 47 to 47 Frames: 0047 0000 to 0047 0000

Document No.: B776 - A - 000151 Date: 09/03/2003 Pages: 2

Forwards the attached [000152] Pre-Demolition Survey Report (PDSR) for Buildings 710 and 781, 776/777 Closure Project, Revision 1 dated August 19, 2003 for approval. This confirms the classification as Type 1 facilities as stated in the Building 776/777 Closure Project Decommissioning Operations Plan (DOP). Attached is a letter regarding the prompt review of the PDSR from Kaiser-Hill Company, L.L.C. (K-H) to the US Departmen

Correspondence No. 03-DOE-01218; 00826-RF-03; 03-RF-01292; TJD-024-03

IHSS : **N/A** Building No(s): **710** **776**

Author: **DIETER, THOMAS J.**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **GUNDERSON, STEVE**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 47 to 47 Frames: 0048 0000 to 0048 0001

Document No.: B776 - A - 000152 Date: 08/19/2003 Pages: 56

Pre-Demolition Survey Report (PDSR) for Buildings 710 and 781, 776/777 Closure Project, Revision 1 August 19, 2003. The PDSR has been preformed to enable compliant disposition and waste management of Buildings 710 and 781 which are a part of the Building 776/777 Cluster and to encompass radiological and chemical characterization.

Correspondence No. Ref: 03-DOE-01218; 00826-RF-03; 03-RF-01292; TJD-024-03

IHSS : **N/A** Building No(s): **710** **776**

Author: Organization:
Recipient: Organization:
DISTRIBUTION **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 47 to 48 Frames: 0049 0000 to 0049 00055

Document No.: B776 - A - 000154 Date: 11/01/1994 **E** Pages: 44

8.0 Operational History of Building 776/777 (Historical Release Report (HRR) November 1994): Until the 1957 fire in Building 771, the plutonium (Pu) foundry, fabrication and assembly operations at RFP were housed in Building 771. Beginning in 1958 and continuing through 1969, Building 776 was the main manufacturing facility for Pu weapons components and housed a Pu foundry and fabrication operations. Building 777's main

Correspondence No. SW-A-001217

IHSS : **N/A** Building No(s): **776** **777**

Author: Organization:
Recipient: Organization:
DISTRIBUTION **NOT INDICATED**

Microfiche No.: 48 to 48 Frames: 0051 0000 to 0051 0043

Document No.: B776 - A - 000155 Date: 09/24/2003 Pages: 1

The purpose of this letter is to forward the attached [000157] Project Specific Non-Radiological Characterization Plan for Building 776/777 for Colorado Department of Public Health and Environment (CDPHE) approval. This document includes input received from consultations with the CDPHE and informal reviews.

Correspondence No. 03-DOE-01290; 00884-RF-03

IHSS : **N/A** Building No(s): **776** **777**

Author: Organization:
LEGARE, JOSEPH A. **DOE, US DEPARTMENT OF ENERGY**
Recipient: Organization:
GUNDERSON, STEVE **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 48 to 48 Frames: 0052 0000 to 0052 0000

60

Document No.: B776 - A - 000156 Date: 07/01/2003 Pages: 426

Building 776/777 Closure Project Decommissioning Operations Plan (DOP), Revision 1 July 1, 2003. The Building 776/777 Cluster is comprised of Buildings 701, 702, 703, 710, 712, 712A, 713, 713A, 730, 776, 777 and 781, which is located in the Protected Area (PA) of the Rocky Flats Environmental Technology Site (RFETS/Site). Closure of the Building 776/777 Cluster is necessary to meet goals of the Rocky Flats Cleanup Ag

Correspondence No. PADC-2000-03278

IHSS : N/A Building No(s): 701 702

Author: Organization:
Recipient: Organization:
DISTRIBUTION **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 48 to 55 Frames: 0053 0000 to 0053 0427

Document No.: B776 - A - 000157 Date: 09/16/2003 Pages: 9

Project Specific Non-Radiological Characterization Plan for Building 776/777 - In accordance with the Rocky Flats Cleanup Agreement (RFCA) and the Decommissioning Program Plan (DPP), a non-radiological characterization will be conducted prior to demolition to ensure that decommissioning objectives have been achieved. Decommissioning objectives are presented in the Building 776/777 Demolition Plan, which is include

Correspondence No. Ref: 03-DOE-01290; 00884-RF-03

IHSS : N/A Building No(s): 776 777

Author: Organization:
Recipient: Organization:
DISTRIBUTION **NOT INDICATED**

Microfiche No.: 55 to 55 Frames: 0054 0000 to 0054 0008

Document No.: B776 - A - 000158 Date: 09/30/2003 Pages: 1

The Colorado Department of Public Health and Environment (CDPHE) has reviewed and hereby approves the Project Specific Non-Radiological Characterization Plan for Building 776/777.

Correspondence No. N/A

IHSS : N/A Building No(s): 776 777

Author: Organization:
GUNDERSON, STEVE **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**
Recipient: Organization:
LEGARE, JOSEPH A. **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 55 to 55 Frames: 0055 0000 to 0055 0000

Document No.: B776 - A - 000159 Date: 09/30/2003 Pages: 6

Purpose of Contact: Advanced Size Reduction Facility (ASRF) Disposition. In accordance with the 776/777 Decommissioning Operations Plan (DOP), Appendix I, the preparation of the facility for demolition is conducted in consultation with the Colorado Department of Public Health and Environment (CDPHE) and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the wo

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **FOSS, DYAN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 55 to 55 Frames: 0056 0000 to 0056 0005

Document No.: B776 - A - 000161 Date: 09/30/2003 Pages: 1

Purpose of Contact: Report results of the DOE / CDPHE walk-downs with KH of five completed decommissioning sets in Building 707 (Sets B5, E5, J2, J5, and K3) and three completed decommissioning sets in Building 776/777 (Sets 66, 67, and 80). This contact record is to document that CDPHE did not report any issues or concerns or have and questions with the subject work-sets. Therefore, DOE concludes that CDPH

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **SCHUETZ, GARY** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 55 to 55 Frames: 0058 0000 to 0058 0000

Document No.: B776 - A - 000163 Date: 12/09/2003 Pages: 6

The enclosed contact record (dated December 9, 2003) documenting Colorado Department of Public Health and Environment (CDPHE) approval to manage the Building 776 RCRA Process Waste Tank System (Unit 776.2) as non-hazardous low level waste following closure by removal. The enclosed rinsate data summary is referenced in the Contact Record. At CDPHE request, this contact record has been amended since the draft ver

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HICKS, CAROLYN** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 56 to 56 Frames: 0022 0000 to 0022 0005

Document No.: B776 - A - 000164 Date: 12/08/2003 Pages: 2

In accordance with the 776/777 Decommissioning Operations Plan (DOP), Appendix 1, the preparation of the facility for demolition is conducted in consolation with the Colorado Department of Public Health and Environment (CDPHE) and is based on a series of decisions primarily related to maintaining releases to the environment and dose to the workers as low As Low As Reasonably Achievable (ALARA). This contact record d

Correspondence No. N/A

Author: **FOSS, DYAN**

Organization: **KAISER-HILL COMPANY, L.L.C.**

Building No(s): **776/777**

Recipient: **KRAY, EDD**

Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 56 to 56 Frames: 0023 0000 to 0023 0001

Document No.: B776 - A - 000165 Date: 01/07/2004 Pages: 1

Purpose of Contact: Appendix 1 of the 776/777 Decommissioning Operations Plan (DOP) indicates that, "Chemical and hazardous substance are removed" prior to initiating demolition. In Room 443 of Building 776, there is a 6,000 pound lead collar in the wall shared with Room 430, This collar poses no hazard in the wall, but lead is consider a hazardous substance.

Correspondence No. N/A

IHSS : **N/A**

Building No(s): **N/A**

Author: **FOSS, DYAN**

Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **KRAY, EDD**

Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 56 to 56 Frames: 0024 0000 to 0024 0000

Document No.: B776 - A - 000166 Date: 01/07/2004 Pages: 1

Purpose of Contact: Appendix I of the 776/777 Decommissioning Operations Plan (DOP) indicates that, "Chemicals and Hazardous substances are removed" prior to initiating demolition. In Room 443 of Building 776, there is a 6,000 pound lead collar in the wall shared with Room 430. This collar pose no hazard in the wall, but lead is considered a hazardous substance. As a result, the 776/777 Colorado Department of Public Health a

Correspondence No. N/A

IHSS : **N/A**

Building No(s): **776**

Author: **FOSS, DYAN**

Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **KRAY, EDD**

Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 56 to 56 Frames: 0025 0000 to 0025 0000

Document No.: B776 - A - 000167 Date: 02/04/2004 Pages: 2

Purpose of Contact: Approval of reinstate standard results for contingent closure of floors in Building 776/777, personnel wash and rinsed floors in Building 777 Rooms 437, 452, 462, and 483. Rooms 462 and 483 were container storage area that were part of Resource Conservation and Recovery Act (RCRA) Unit 777.1. Rooms 437 and 452 provided secondary containment for mixed residue piping and equipment. Reinstate samples were

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **HICKS, CAROLYN** Organization: **RISS, REMEDIATION, INDUSTRIAL BUILDING D&D AND**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 56 to 56 Frames: 0026 0000 to 0026 0001

Document No.: B776 - A - 000168 Date: 02/09/2004 Pages: 2

Purpose of Contact: Area 1 Disposition in accordance with the 776/777 Decommissioning Operations Plan (DOP), Appendix I. The preparation of the facility for demolition is conducted in consultation with the Colorado Department of Public Health and Environment (CDPHE) and is based on a series of decisions primarily related to maintaining release to environment and doses to the workers As Low As Reasonably Achievable (ALARA).

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: Organization:

Recipient: Organization:

Microfiche No.: 56 to 56 Frames: 0027 0000 to 0027 0001

Document No.: B776 - A - 000169 Date: 09/26/2001 Pages: 1

Colorado Department of Public Health and Environment (CDPHE) has reviewed the Building 776/777 Cooling Tower Decommissioning Pre-Demolition Survey Report (PDSR). Based upon this review, CDPHE concurs with the Type 1 characterization classification of the structures included in the Cooling Towers and satellite buildings.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **712** **713**

Author: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 57 to 57 Frames: 0067 0000 to 0067 0000

Document No.: B776 - A - 000170 Date: 03/15/2004 Pages: 2

In accordance with the Survey Units 22 and 25 Disposition for 776/777 Decommissioning Operations Plan (DOP), Appendix 1, the preparation of the facility for demolition is conducted in consultation with Colorado Department of Public Health and Environment (CDPHE), and is based on a series of decisions. This contact record documents the activities that were conducted to prepare the Survey Units 22 and 25 for demolition. Sur

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **FOSS, DYAN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 57 to 57 Frames: 0068 0000 to 0068 0001

Document No.: B776 - A - 000171 Date: 03/17/2004 Pages: 1

Forwards/submits; Administrative Closure of Resource Conservation and Recovery Act (RCRA) Unit 777.1, Room 447, Building 776/777. Pursuant to Section 4.5.2 of Buildin. Decommissioning Operations Plan (DOP), Kaiser-Hill Company, L.L.C. (K-H), is submitting this request for administrative closure, of RCRA container storage area for approval and transmittal, to the Colorado Department of Public Health and Environment (CDPH

Correspondence No. 04-RF-00330; VPM-005-04

IHSS : **N/A** Building No(s): **776/777**

Author: **PIZZUTO, VICTOR M.** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **LEGARE, JOSEPH A.** Organization: **DOE/RFFO, ROCKY FLATS FIELD OFFICE**

Microfiche No.: 57 to 57 Frames: 0069 0000 to 0069 0000

Document No.: B776 - A - 000172 Date: 04/02/2004 Pages: 2

The Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Management Division (HZMD) has received RFETS request for the closure of the RCRA Unit 777.1 dated March 22, 2004. The absence of contamination has been satisfactorily demonstrated in accordance with Section 4.5.1.1 of the Building 776/777 Decommissioning Operations Plan (DOP). Accordingly, the unit is determined to be clean and

Correspondence No. 00172-RF-04

IHSS : **N/A** Building No(s): **776 777**

Author: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 57 to 57 Frames: 0070 0000 to 0070 0001

Document No.: B776 - A - 000173 Date: 09/30/2003 Pages: 1

Purpose of Contact: Report results of the US Department of Energy (DOE), Colorado Department of Public Health and Environment (CDPHE), walk-downs with K-H Independent Safety Oversight (KH), of five (5) completed decommissioning sets in Building 707, (Sets B5, E5, J2, J5, and K3), and three (3) completed decommissioning sets in B776/777 (Sets 66, 67, and 80). This contact record is to document that CDPHE did nc

Correspondence No. N/A

IHSS : **N/A** Building No(s): **707** **776/777**

Author: **SCHUETZ, GARY** Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 57 to 57 Frames: 0071 0000 to 0071 0000

Document No.: B776 - A - 000174 Date: 04/07/2004 Pages: 2

Purpose of Contact: Survey Units 21 Disposition in accordance with the 776/777 Decommissioning Operations Plan (DOP), Appendix 1, the preparation of the facility for demolition is conducted in consultation with the Colorado Department of Public Health and Environment (CDPHE), and is based on a series of decision primarily related to maintaining releases to the environment and doses to the workers. As Low As Reasonably A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **FOSS, DYAN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 57 to 57 Frames: 0072 0000 to 0072 0001

Document No.: B776 - A - 000175 Date: 04/07/2004 Pages: 2

Purpose of Contact: Survey Unit 21 Disposition. In accordance with the Buildings 776/777 Decommissioning Operations Plan (DOP), Appendix 1, the preparation of the facility for demolition is conducted in consultation with Colorado Department of Public Health and Environment (CDPHE), and is base on a series of decisions primarily related to maintaining releases to the environment and doses to the worker As Low As Reasonably Ac

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **FOSS, DYAN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 57 to 57 Frames: 0073 0000 to 0073 0001

Document No.: B776 - A - 000176 Date: 04/07/2004 Pages: 2

This letter is in response to a March 31, 2004 letter, which delivered the final Independent Verification Team Project Specific Plan for the Building 776/777 Closure Project in accordance with Contract No. DE-AC05-00OR22750. The IVPSP is approved by the Rocky Flats Project Office for performance of the Independent Verification of the 776/777 Closure's pre-demolition final survey methodology.

Correspondence No. 04-DOE-00279; 00176-RF-04; DE-ACO5-00OR22750

IHSS : **N/A** Building No(s): **776 777**

Author: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **WEAVER, PHYLLIS** Organization: **OAK RIDGE, ORISE**

Microfiche No.: 57 to 57 Frames: 0074 0000 to 0074 0001

Document No.: B776 - A - 000178 Date: 01/05/2001 E Pages: 65

Asbestos Characterization Report Buildings 776/777 Secondary Building, Rocky Flats Environmental Technology Site (RFETS/Site). Foothills Environmental, Inc conducted an asbestos inspection. At (RFETS) located approximately fifteen miles north of Golden, Colorado. Asbestos Inspector conducted the inspection in the State of Colorado. The inspection was performed in the secondary buildings of building 776/777. Physic

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: Organization:

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: 58 to 58 Frames: 0008 0000 to 0008 0064

Document No.: B776 - A - 000179 Date: 04/28/2004 Pages: 2

Purpose of Contact: Survey Unit 23 Disposition in accordance with the Buildings 776/777 Decommissioning Operations Plan (DOP). Appendix I, the preparation of the facility for demolition is conducted in consultation with the Colorado Department of Public Health and Environment (CDPHE), and is based on series of decisions primarily related to maintaining releases to the environment and doses to the worker, As Low As Reasonably A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **FOSS, DYAN** Organization: **RISS, REMEDIATION, INDUSTRIAL BUILDING D&D AND**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 59 to 59 Frames: 0009 0000 to 0009 0001

Document No.: B776 - A - 000180 Date: 04/14/2004 Pages: 16

Subject: Memo of understanding for the Demolition of Buildings 707/776/777/778 and Associated Buildings.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **707 776/777**

Author: **LINSINBIGELER, HARRY**
Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **PIZZUTO, VICTOR M.**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Microfiche No.: 59 to 59 Frames: 0010 0000 to 0010 0015

Document No.: B776 - A - 000182 Date: 09/10/2001 Pages: 1

Please find attached [000183, 000184], Pre-Demolition Survey Report (PDSR) for 776/777 Project's pending, Cooling Tower decommissioning. Extensive sampling and analysis for radiological and chemical contamination indicates that these towers are contaminant free, and may be classified as Type 1 structures under the site's Decommissioning Program Plan (DPP).

Correspondence No. 01-RF-02119; MSF-050-01; [000183,000184]

IHSS : **N/A** Building No(s): **776/777**

Author: **FERRI, MARK S.**
Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **SCHUETZ, GARY**
Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 59 to 59 Frames: 0012 0000 to 0012 0000

Document No.: B776 - A - 000183 Date: 08/14/2001 Pages: 621

Rocky Flats Environmental Technology Site (RFETS/Site) Draft Pre-Demolition Survey Report (PDSR) for Buildings 702, 703, 712, 712A, 713, 713A, (Building 776/777's Cooling Towers and satellite buildings); or " the buildings subject to this report. These facilities no longer support the RFETS mission and need to be removed to reduce Site infrastructure, risks and/ or operating coast. The location of the buildings subject to this report

Correspondence No. 01-RF-02119; MSF-050-01

IHSS : **N/A** Building No(s): **776/777**

Author: **DISTRIBUTION**
Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Recipient:
Organization:

Microfiche No.: 59 to 68 Frames: 0013 0000 to 0013 0631

Document No.: B776 - A - 000184 Date: 09/07/2001 Pages: 633

A Pre-Demolition Survey (PDS) was performed to enable compliant disposition and waste management of Buildings 702, 703, 712, 712A, 713, and 713A (Building 776/777's Cooling Towers and satellite buildings), or "the buildings subject to this report". These facilities no longer support the Rocky Flats Environmental Technology Site (RFETS/Site) and need to be removed to reduce Site infrastructure, risk and/or operating coast

Correspondence No. 01-RF-02119; MSF-050-01

IHSS : **N/A** Building No(s): **702** **703**

Author: Organization:
Recipient: Organization:
DISTRIBUTION **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 68 to 78 Frames: 0014 0000 to 0014 0638

Document No.: B776 - A - 000185 Date: 04/28/2004 Pages: 2

Purpose of Contact: Survey Unit 23 Disposition. In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the Colorado Department of Public Health and Environment (CDPHE) and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact r

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: Organization:
FOSS, DYAN **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**
Recipient: Organization:
DISTRIBUTION **AS INDICATED**

Microfiche No.: 79 to 79 Frames: 0038 0000 to 0038 0001

Document No.: B776 - A - 000186 Date: 05/03/2004 Pages: 197

The Asbestos Characterzation Report Buildinbg 776/777 are schedule for decommissioning and demolition by 2006. In preparation gor closure of the facilities, specific closure tasks have been identified to meet this goal. Rocky Flats Environmental Technology Site (RFETS/Site).

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: Organization:
Recipient: Organization:
DISTRIBUTION **NOT INDICATED**

Microfiche No.: 79 to 82 Frames: 0039 0000 to 0039 0200

Document No.: B776 - A - 000189 Date: 06/08/2004 Pages: 2

Purpose of Contact: Survey Unit 20 Disposition. In accordance with the 776/777 Decommissioning Operations Plan (DOP), Appendix I, the preparation of the facility for demolition is conducted in consultation with the Colorado Department of Public Health and Environment (CDPHE) and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably act

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **FOSS, DYAN** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 83 to 83 Frames: 0042 0000 to 0042 0001

Document No.: B776 - A - 000190 Date: 06/17/2004 Pages: 2

Purpose of Contact: Approval of reinstate standard results for contingent Resource Conservation and Recovery Act (RCRA) closure of floor in Building 777 Room 430. Building 776/777 personnel washed rinsed floors in Building 777 Room 430. This room included two permitted container storage units (Units 777.1, Room 430 Area 2 and 3). Reinstate samples were analyzed and compared to the closure performance standard in Sec

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **HICKS, CAROLYN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 83 to 83 Frames: 0043 0000 to 0043 0001

Document No.: B776 - A - 000191 Date: 06/22/2004 Pages: 2

Purpose of Contact: Retype Building 701 from a Type 1 to a Type 2 facility, and adds it to the scope of the Building 776/777 Decommissioning Operations Plan (DOP) via a *minor modification. Section 2.4 of the* Building 776/777 DOP.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **HICKS, CAROLYN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 83 to 83 Frames: 0044 0000 to 0044 0001

Document No.: B776 - A - 000192 Date: 06/17/2004 Pages: 3

Purpose of Contact: Survey Unit 19 Disposition. In accordance with the B776/777 Decommissioning Operations Plan (DOP), Appendix 1 the preparation of the facility for demolition is conducted in consultation with the Colorado Department of Public Health and Environment (CDPHE) and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the worker As Low As Reasonably Ac

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **FOSS, DYAN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 83 to 83 Frames: 0045 0000 to 0045 0002

Document No.: B776 - A - 000193 Date: 06/24/2004 Pages: 3

Purpose of Contact: Survey Units 16 and 40 Disposition. In accordance with the B776/777 Decommissioning Operations Plan (DOP), Appendix 1 the preparation of the facility for demolition is conducted in consultation with the Colorado Department of Public Health and Environment (CDPHE) and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the worker As Low As Reas

Correspondence No. N/A

IHSS : **N/A** Building No(s): **N/A**

Author: **FOSS, DYAN** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 83 to 83 Frames: 0046 0000 to 0046 0002

Document No.: B776 - A - 000194 Date: 06/08/2004 Pages: 2

Purpose of Contact: Survey Unit 20 Disposition. In accordance with the 776/777 Decommissioning Operations Plan (DOP), Appendix 1, the preparation of the facility for demolition is conducted in consultation with the Colorado Department of Public Health and Environment (CDPHE) and is based on series of decisions primarily related to maintaining releases to the environment and doses to the workers As Low As Reasonably Achievable

Correspondence No. N/A

IHSS : **N/A** Building No(s): **N/A**

Author: **FOSS, DYAN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 83 to 83 Frames: 0047 0000 to 0047 0001

Document No.: B776 - A - 000195 Date: 06/17/2004 Pages: 2

Purpose of Contact: Approval of reinstates stander results for Contingent Resource Conservation and Recovery Act (RCRA) Closure of floors in Building 777 Room 430. Building 776/777 personnel washed and rinsed floors in Building 777 Room 430. This room included two permitted container storage units (Unit 777.1, Room 430 area 2 and 3) and secondary containment for mixed residue tanks and piping.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **777**

Author: **HICKS, CAROLYN**

Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **HINDMAN, JAMES**

Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 83 to 83 Frames: 0048 0000 to 0048 0001

Document No.: B776 - A - 000196 Date: 06/22/2004 Pages: 2

Purpose of Contact: Retype Building 701 from a Type 1 to a Type 2 facility, and adds it to the scope of the Building 776/777 Decommissioning Operations Plan (DOP) via a minor modification. Section 2.4 of the Building 776/777 DOP states: Building 776/777 is believed to be a Type 3 Building, Building 730 is believed to be a Type 2 Building, and the remaining buildings in the Cluster are believed to be Type 1 Buildings. As a resul

Correspondence No. N/A

IHSS : **N/A** Building No(s): **701** **776/777**

Author: **HICKS, CAROLYN**

Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **KRAY, EDD**

Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 83 to 83 Frames: 0049 0000 to 0049 0001

Document No.: B776 - A - 000197 Date: 06/17/2004 Pages: 3

Purpose of Contact: Survey Unit 19 Disposition. In accordance with the 776/777 Decommissioning Operations Plan (DOP), Appendix 1, the preparation of the facility for demolition is conducted in consultation with the Colorado Department of Public Health and Environment (CDPHE) and is based on a series of decision primarily related to maintaining releases to the environment and doses to the workers As Low As Reasonably Achievable

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **FOSS, DYAN**

Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **KRAY, EDD**

Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 83 to 83 Frames: 0050 0000 to 0050 0002

Document No.: B776 - A - 000198 Date: 06/24/2004 Pages: 3

Purpose of Contact: Survey Units 16 and 40 Disposition. In accordance with the 776/777 Decommissioning Operations Plan (DOP), Appendix 1, the preparation of the facility for demolition is conducted in consultation with the Colorado Department of Public Health and Environment (CDPHE) and is based on series of decisions primarily related to maintaining released to the environment and doses to the workers As Low As Reasonably A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **FOSS, DYAN** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 83 to 83 Frames: 0051 0000 to 0051 0001

Document No.: B776 - A - 000199 Date: 07/20/2004 Pages: 3

Submits the Minor Modification 11 to Building 776/777 Decommissioning Operations Plan (DOP) for approval and transmittal to the Colorado Department of Public Health and Environment (CDPHE). This Modification to the DOP includes re-typing Building 701 from a Type 1 to a Type 2 facility, and including Building 701 in the scope of the DOP.

Correspondence No. 04-RF-00770; VMP-021-04

IHSS : **N/A** Building No(s): **701 776/777**

Author: **PIZZUTO, VICTOR M.** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 83 to 83 Frames: 0052 0000 to 0052 0002

Document No.: B776 - A - 000200 Date: 07/28/2004 Pages: 2

Purpose of Contact: Approval of reinstate standards results for contingent closure of floors in Building 776 Rooms 118, 127, basement, 134 West, and 135. Reinstated samples were analyzed and compared t the closure performance standard in Section 4.5.1.1 of the Building 776/777 Decommissioning Operations Plan (DOP).

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776**

Author: **HICKS, CAROLYN** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **AINSCOUGH, HARLAN** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: **to** Frames: **to**

Document No.: B776 - A - 000204 Date: 08/09/2004 Pages: 3

Interoffice Memorandum regarding Environmental Restoration and B776/777 Management Agreement for the Demolition of B701. Building 701 was used as a non-radiological support structure and included laboratory work, paint shop, carpenter shop, storage, and offices. During the final survey process, contamination was found in Room 101. Based on this contamination, the building was re-typed as a Type 2 facility and a minor mo

Correspondence No. N/A

IHSS : **N/A** Building No(s): **701**

Author: **PIZZUTO, VICTOR M.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **FERRERA, DENNIS W.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000206 Date: 08/12/2004 Pages: 1

The Colorado Department of Public Health and Environment (CDPHE) hereby approves Minor Modification 11 to the 776/777 Decommissioning Operations Plan (DOP) and the Building 701 Pre-Demolition Survey Report (PDSR), Revision 0, dated August 6, 2004.

Correspondence No. 00345-RF-04

IHSS : **N/A** Building No(s): **701** **776**

Author: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000211 Date: 09/02/2004 Pages: 2

Purpose of Contact: Disposition of Building 778. As a result of the 1969 Building 776/777 fire, contamination was spread down the passageway into Building 778. In addition, the 778 laundry facility processed uranium-contaminated protective clothing, and has contamination greater than the unrestricted release limits on some areas of the floor, three small valve pits, and in concrete filled trenches. The majority of the 778 structure inclu

Correspondence No. N/A

IHSS : **N/A** Building No(s): **778**

Author: **FOSS, DYAN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000213 Date: 09/16/2004 Pages: 2

Purpose of Contact: Building 731 and 732 are part of 707 Project and addressed in the Building 707 Closure Project Decommissioning Operations Plan (DOP). Building 731 is a plenum deluge/process waste pit constructed of reinforced concrete with a reinforced concrete stairway leading to the below ground portion of the structured. On September 13, 2004, the in process survey results for these facilities were provided to Color

Correspondence No. N/A

IHSS : **N/A** Building No(s): **731** **732**

Author: **FOSS, DYAN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000215 Date: 10/19/2004 Pages: 1

This letter forwards the Final Building 776/777 Pre-Demolition Survey Report (PDSR) for Areas I, II, and III for CDPHE review and approval.

Correspondence No. 04-DOE-00782; 00473-RF-04

IHSS : **N/A** Building No(s): **776**

Author: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000216 Date: 10/20/2004 Pages: 380

Building 776/777 Final Survey Report (PDSR) for Areas I, II, and III for Colorado Department of Public Health and Environment (CDPHE) review and approval. This transmittal is in accordance with the Building 776/777 Closure Project Decommissioning Operations Plan (DOP), Section 4.6 and is the result of the consultative process to establish and document the final status of the first eleven (11) of the total forty- six (46) survey units

Correspondence No. 04-DOE-00782, 00473-RF-04

IHSS : **N/A** Building No(s): **776/777**

Author: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000218 Date: 11/15/2004 Pages: 2

Purpose of Contact: The approval of reinstate standard results for contingent closure of floors in Building 776/777 Room 134 East (portions under mixed residue piping), Room 152, Unit 90.85, room 159, Unit 776.1, Room 208 (Area10), Unit 777.1, and Room 237, Unit 776.1.

Correspondence No. N/A

IHSS : **134**
152

Building No(s): **776/777**

Author: **HICKS, CAROLYN**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **AINSCOUGH, HARLAN**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000219 Date: 11/01/2004 E Pages: 1

Purpose of Contact: There are two samples locations to the north of Building 776 that will need to be relocated because of major obstruction.

Correspondence No. N/A

IHSS : **000-121**
700-1100

Building No(s): **UBC 70 UBC 77**

Author: **CASTANEDA, NORMA**
Organization: **DOE/RFFO, ROCKY FLATS FIELD OFFICE**

Recipient: **AINSCOUGH, HARLAN**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000223 Date: 11/24/2004 Pages: 2

Purpose of Contact: Clarification of Building 776/777 Survey and Demolition Sequence. This contact record is to clarify the sequence of activities and documentation of the final status of Building 776/777 prior to demolition. In a letter from CDPHE on October 29, 2004, regarding the approval of the Building 776/777 Areas 1, 2, and 3 Pre-Demolition Survey Reports there seemed to be some confusion regarding the sequence and pro

Correspondence No. N/A

IHSS : **N/A**

Building No(s): **776 777**

Author: **FOSS, DYAN**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **KRAY, EDD**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000225 Date: 11/24/2004 Pages: 2

Purpose of Contact: Approval of reinstates standard results for contingent closure of floor in Building 776/777 Room 208.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **HICKS, CAROLYN** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **AINSCOUGH, HARLAN** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000226 Date: 11/23/2004 Pages: 2

Purpose of Contact: Resource Conservation and Recovery Act (RCRA) closure for Building 776. Activities have been completed in the north portion of Room 134 west by the Size Reduction Vault. (The south portion of this room by the Advanced Size Reduction Facility (ASRF) was previously closed in a contact record, dated July 28, 2004.) Room 134 west was a permitted RCRA container storage area in Unit 776.1 and also provided secondary

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **HICKS, CAROLYN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **AINSCOUGH, HARLAN** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000227 Date: 11/24/2004 Pages: 2

Purpose of Contact: Approval of reinstate standard results for contingent closure of floor in Building 776/777 Room 208. On the second floor Building 776 contained a permitted Resource Conservation and Recovery Act (RCRA) container storage area in Unit 776.1, previously known as Unit 27. This area was washed and rinsed for

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **HICKS, CAROLYN** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **AINSCOUGH, HARLAN** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000228 Date: 11/29/2004 Pages: 2

Purpose of Contact: Disposition of Second Floor Survey Unit 31. In accordance with 776/777 Decommissioning Operations Plan (DOP), Appendix 1, the preparation of the facility for demolition is conducted in consultation with Colorado Department of Public Health and Environment (CDPHE) and is based on a series of decisions primarily related to maintaining releases to the environment and dose and risk to the workers, As Low As Reas

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **FOSS, DYAN** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000229 Date: 12/13/2004 Pages: 2

Purpose of Contact: Disposition of Secondary Floor Survey Unit 27. In accordance with the 776/777 Decommissioning Operations Plan (DOP), Appendix 1, the preparation of the facility for demolition is conducted in consultation with the Colorado Department of Public Health and Environment (CDPHE) and is based on a series of decisions primarily related to maintaining releases to the environment and dose and risk t

Correspondence No. N/A

IHSS : **N/A** Building No(s): **444/447**

Author: **FOSS, DYAN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000230 Date: 12/09/2004 Pages: 3

Purpose of Contact: Disposition of Area 5 Survey Units 12, and 43. In accordance with the 776/777 Decommissioning Operations Plan (DOP), Appendix 1, the preparation of the facility for demolition is conducted in consultation with the Colorado Department of Public Health and Environment (CDPHE) and is based on a series of decisions primarily related to maintaining releases to the environment and does to the wo

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **FOSS, DYAN** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000231 Date: 12/16/2004 Pages: 2

Purpose of Contact: Approval of reinstate standard results for contingent closure of floors in Building 776/777 Room 150 and 154. The following Resource Conservation and Recovery Act (RCRA), areas in Buikding 776/777 were washed and rinsed for RCRA Closure: Room 150 (portions under mixed residue transfer line). Room 154, Unit 776.1.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **HICKS, CAROLYN**
Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **AINSCOUGH, HARLAN**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: **to** Frames: **to**

Document No.: B776 - A - 000232 Date: 12/28/2004 Pages: 3

Purpose of Contact: In accordance with the 776/777 Decommissioning Operations Plan (DOP), Appendix 1, the preparation of the facility for demolition is conducted in consultation with the Colorado Department of Public Health and Environment (CDPHE) and is based on a series of decisions primarily related to maintaining released to the environment and dose and risk to the workers As Low As Reasonably Achievable (ALARA). This

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **CATHEL, ROBERT**
Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **KRAY, EDD**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: **to** Frames: **to**

Document No.: B776 - A - 000233 Date: 01/07/2005 Pages: 2

Purpose of Contact: In accordance with the 776/777 Decommissioning Operations Plan (DOP), Appendix 1, the preparation of the facility for demolition is conducted in consultation with the Colorado Department of Public Health and Environment (CDPHE) and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers As Low As Reasonably Achievable (ALARA). This contac

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **FOSS, DYAN**
Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **KRAY, EDD**
Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: **to** Frames: **to**

Document No.: B776 - A - 000234 Date: 01/17/2005 Pages: 2

Purpose of Contact: Disposition of Area 7 Survey unit 7. In accordance with the 776/777 Decommissioning Operations Plan (DOP), Appendix 1, the preparation of the facility for demolition is conducted in consultation with the Colorado Department of Public Health and Environment (CDPHE), and is based on an series of decisions primarily related to maintaining releases to the environment and close to the workers As Low As Rea

Correspondence No. N/A

IHSS : **N/A** Building No(s): **N/A**

Author: **FOSS, DYAN** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000235 Date: 12/28/2004 Pages: 3

Purpose of Contact: Disposition of Building 776/777 Survey Units 29 and 30. In accordance with the 776/777 Decommissioning Operations Plan (DOP), Appendix 1, the preparation of the facility for demolition is conducted in consultation with the Colorado Department of Public Health and Environment (CDPHE) and based on series of decisions primarily related to maintaining releases to the environment and does and risk to t

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **CATHEL, ROBERT** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000237 Date: 12/16/2004 Pages: 2

Purpose of Contact: Approval of reinstate standard results for contingent closure of floors in Building 776/777, Rooms 150 and 154. Colorado Department of Public Health and Environment (CDPHE), has concurred that the areas in question have been closed, contingent in final facility.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **HICKS, CAROLYN** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **AINSCOUGH, HARLAN** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: to Frames: to

170

Document No.: B776 - A - 000238 Date: 02/21/2005 Pages: 3

Building 776/777 is ready for transition and turnover to the Remediation, Industrial Building D&D and Site Services Project, RISS organization for demolition. Building condition and readiness for demolition will be addressed via standard "Transition Document" currently being prepared.

Correspondence No. DCD-030-05

IHSS : **N/A** Building No(s): **776/777**

Author: **DEL VECCHIO, DAVID** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **LINSINBIGELER, HARRY** Organization: **RISS, REMEDIATION, INDUSTRIAL BUILDING D&D AND**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000239 Date: 02/25/2005 Pages: 8

Forwards; This letter transmits the Final Pre-Demolition Survey Summary Report (PDSR), for Building 776/777 for Colorado Department of Public Health and Environment (CDPHE) review and approval. This transmittal is in accordance with the Building 776/777 Closure Project Decommissioning Operations Plan (DOP), and is result of the consultative process to establish and document the final survey status.

Correspondence No. 00099-RF-05; 05-DOE-00104

IHSS : **N/A** Building No(s): **776/777**

Author: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000240 Date: 02/25/2005 Pages: 2

The Final Pre-Demolition Survey (PDS), Summary Report for Building 776/7776. The Colorado Department of Public Health and Environment (CDPHE), Hazardous Material (HM), and Waste Management (WM) Division has received US Department of Energy (DOE) letters dated February 25, 2005 which transmit the remaining 35 of the 46 total final survey unit reports and the PDS Summary Report for Building 776/777.

Correspondence No. 00101-RF-05

IHSS : **N/A** Building No(s): **776/777**

Author: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Recipient: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000241 Date: 02/25/2005 Pages: 1

This letter transmits the remaining 35 of the 46 Final Survey Unit Reports for building 776/777, for Colorado Department of Public Health and Environment (CDPHE), review and approval. The first 11 survey unit reports were previously transmitted to CDPHE. These reports are being transmitted to support the request the approval for the demolition of building 776/777. This request will be sent separately and will include a final sum

Correspondence No. 00106-RF-05; 05-DOE-00100

IHSS : **N/A** Building No(s): **N/A**

Author: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000253 Date: 01/26/2005 Pages: 2

Purpose of Contact: Approval of reinstate standard results for contingent closure of floor in Building 776/777 Room 131. Room 131 in Building 777 was washed and rinsed for Resource Conservation and Recovery Act (RCRA) Closure.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **HICKS, CAROLYN** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **AINSCOUGH, HARLAN** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000256 Date: 02/23/2005 Pages: 8

Submits: the Final Pre-Demolition Survey Summary Report (PDSR), for Building 776. This letter transmits the Final PDSSR, for Building 776/777. Transmit a copy of this summary report to the Colorado Department of Public Health and Environment (CDPHE) and to the Oak Ridge Institute of Science and Education (ORISE) for their review and concurrence.

Correspondence No. 05-RF-00156; DCD-032-05

IHSS : **N/A** Building No(s): **776/777**

Author: **DEL VECCHIO, DAVID** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **MORGAN, GARY** Organization: **DOE/RFFO, ROCKY FLATS FIELD OFFICE**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000257 Date: 02/23/2005 Pages: 1

Submits the attached 000258-000261, remaining Survey Unit Reports for building 776/777. This letter transmits the remaining 35 of the 46 total Final Survey Unit Reports for Building 776/777. The first 11 survey unit's reports were transmitted to US Department of Energy, Rocky Flats Project Office (DOE/RFPO) on August 12, 2004. These reports are being transmitted to support the request for approval for the demolition of Building 77

Correspondence No. 05-RF-00155; DCD-031-05; [000258-000272]

IHSS : **N/A** Building No(s): **776/777**

Author: **DEL VECCHIO, DAVID** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000258 Date: 02/23/2005 **E** Pages: 129

Building 776/777 Area V Final Survey Report, Survey Unit 776001, Advanced Size Reduction Facility (ASRF).

Correspondence No. Ref; 05-RF-00155; DCD-031-05

IHSS : **N/A** Building No(s): **776/777**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: Organization:

Microfiche No.: to Frames: to

Document No.: B776 - A - 000259 Date: 01/01/2005 **E** Pages: 22

Building 776/777 1st Floor Final Survey Report, Survey Unit 776002, January 2005, at Rocky Flats Environmental Technology Site (RFETS/Site).

Correspondence No. Ref; 05-RF-00155; DCD-031-05

IHSS : **000-1** Building No(s): **776/777**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000260 Date: 02/01/2005 E Pages: 27

Building 776 Area VI Final Survey Report Survey Unit 776003, February 2005, at Rocky Flats Environmental Technology Site (RFETS/Site).

Correspondence No. Ref; 05-RF-00155; DCD-031-05

IHSS : **N/A** Building No(s): **776**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000261 Date: 01/01/2005 E Pages: 16

Building 776 Area VI Final Survey Report, Survey Unit 776004, January 2005, at Rocky Flats Environmental Technology Site (RFETS/Site).

Correspondence No. Ref; 05-RF-00155; DCD-031-05

IHSS : **N/A** Building No(s): **776**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: Organization:

Microfiche No.: to Frames: to

Document No.: B776 - A - 000262 Date: 07/01/2004 E Pages: 23

Building 776/777 Area V Decontamination Efforts of the Size Reduction Vault (SRV) Survey Unit 776005, July 2004, at Rocky Flats Environmental Technology Site (RFETS/Site).

Correspondence No. Ref; 05-RF-00155; DCD-031-05

IHSS : **N/A** Building No(s): **776/777**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000263 Date: 01/01/2005 E Pages: 25

Building 776/777 1st Floor In-process/Final Survey Report, Survey Unit 776006, January 2005, at Rocky Flats Environmental Technology Site (RFETS/Site). This report is prepared to summarize preliminary and final surveys of unit 776006.

Correspondence No. Ref; 05-RF-00155; DCD-031-05

IHSS: **N/A** Building No(s): **776/777**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000264 Date: 01/01/2005 E Pages: 31

Building 776/777 1st Floor in process/Final Survey Report, Survey Unit 776007, January 2005. This instruction provides guidance for collecting data needed to determine the contamination levels in Survey Unit 776007. Work to be preformed in accordance with "INS-535-Ludlum23501 with Sodium Iodide Detector" and RSP-7.01 and 7.02.

Correspondence No. Ref; 05-RF-00155; DCD-031-05

IHSS: **N/A** Building No(s): **776/777**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000265 Date: 01/01/2005 E Pages: 32

Building 776/777 1st Floor In-process/Final Survey Report, Survey Unit 776008, January 2005. This instruction provides guidance for collection data needed to determine the contamination levels in Survey Unit 776008. Work to be performed in accordance with "INS-535-Ludlum2350-1 with Sodium Iodide Detector" and RSP-7.01 and 7.02.

Correspondence No. Ref; 05-RF-00155; DCD-031-05

IHSS: **N/A** Building No(s): **776/777**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000266 Date: 01/01/2005 E Pages: 37

Building 776/777 Area V Final Survey Report, Survey Unit 776009, January 2005. This instruction provides guidance for collecting gross gamma and removable contamination data to quantify the amount of residual contamination in Survey Unit 776009 prior to demolition.

Correspondence No. Ref; 05-RF-00155; DCD-031-05

IHSS : **N/A** Building No(s): **776/777**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: **to** Frames: **to**

Document No.: B776 - A - 000267 Date: 08/01/2005 E Pages: 50

Building 776/777 Area V Final Survey Report, Survey Unit 776010. August 2004. This instruction provides guidance for collecting gross gamms and removable contamination data to quantify the amount of residual are contamination in Survey Unit 766010 prior to demolition. NAI measurements are performed in accordance with "INS-535-Ludlum235-1with Sodium Iodide Detector".

Correspondence No. Ref; 05-RF-00155; DCD-031-05

IHSS : **N/A** Building No(s): **776/777**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: **to** Frames: **to**

Document No.: B776 - A - 000268 Date: 01/01/2005 E Pages: 63

Building 776 Area V Final Survey Report, Survey Unit 776011. January 2005. This instruction provides guidance for collecting additional data needed to determine the contamination levels in Survey Unit 776011. Work to be performed in accordance with "INS-535-Ludlum2350-1 with Sodium Iodide Detector" and RSP-7.01 and 7.02.

Correspondence No. Ref; 05-RF-00155; DCD-031-05

IHSS : **N/A** Building No(s): **776/777**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: **to** Frames: **to**

Document No.: B776 - A - 000269 Date: 08/01/2005 E Pages: 94

Building 776/777 Area V Final Survey Report, Survey Units 776012, august 2004. A Pre-Demolition Survey (PDS) is performed prior to building to building demolition to define the radiological conditions of a facility. A PDS survey for survey unit 776012 has been completed in accordance with guidelines in the "Radiological Pre-Demolition Survey Plan (PDSP) Building 776/777".

Correspondence No. Ref; 05-RF-00155; DCD-031-05

IHSS : **N/A** Building No(s): **776/777**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000270 Date: 12/01/2005 E Pages: 49

Building 776/777 Area V Final Survey Report, Survey Units 776013, December 2004. This instruction provides guidance for collecting gross gamma and removable contamination data to quantify the amount of residual contamination in Survey Unit 776014 prior to demolition. Nal measurements are performed in accordance with "INS-535-Ludlum2350-1 with Sodium Iodide Detector".

Correspondence No. Ref; 05-RF-00155; DCD-031-05

IHSS : **N/A** Building No(s): **776/777**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000271 Date: 01/01/2005 E Pages: 73

Building 776/777 Area IV Final Survey Report, Survey Units 776014, January 2005. This instruction provides guidance for collection gross gamma and removable contamination data to quantify the amount of residual contamination in Survey 776014 prior to demolition. Nal measurements are performed in accordance with "INS-535-Ludlum2350-1 with Sodium Iodide Detector".

Correspondence No. Ref; 05-RF-00155; DCD-031-05

IHSS : **N/A** Building No(s): **776/777**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000272 Date: 01/01/2005 E Pages: 36

Building 776/777 1st Floor In-Process Final Survey Report, Survey Unit 776017, January 2005. This instruction provides guidance for collecting data needed to determine the contamination levels in Survey Unit 776017. Work to be performed in accordance with "INS-535-Ludlum2350-1 with Sodium Iodide Detector" and RSP-7.01 and 7.02.

Correspondence No. Ref; 05-RF-00155; DCD-031-05

IHSS : **N/A** Building No(s): **776/777**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000273 Date: 01/01/2005 E Pages: 11

Building 776/777 1st Floor Final Survey Report, Survey Unit 776026, January 2005. This instruction provides guidance for collecting total and removable alpha contamination data to quantify the amount of residual contamination in Survey Unit 776026 prior to demolition.

Correspondence No. REf; 05-RF-00155; DCD-031-05

IHSS : **N/A** Building No(s): **776/777**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000274 Date: 10/01/2004 E Pages: 27

Building 776/777 2nd Floor Survey Report, Survey Unit 776027, October 2004. This instruction provides guidance for collecting gross gamma and removable contamination data to quantify the amount of residual contamination in Survey Unit 776027 prior to demolition. Nal measurements are performed in accordance with " INS-535-Ludlum2350-1 with Sodium Iodide Detector".

Correspondence No. Ref; 05-RF-00155; DCD-031-05

IHSS : **N/A** Building No(s): **776/777**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000275 Date: 12/01/2004 E Pages: 101

Building 776/777 2nd Floor Final Survey Report, Survey Unit 776030, December 2004. To collect gross gamma data to augment data already collected on survey unit 776030 floor. Work to be performed in accordance with "INS-535-Ludlum2350-1 with Sodium Iodide Detector".

Correspondence No. Ref; 05-RF-00155; DCD-031-05

IHSS : **N/A** Building No(s): **776/777**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000276 Date: 01/01/2005 E Pages: 69

Building 776/777 2nd Floor Final Survey Report, Survey Unit 776028, 776033, 776034, January 2005. This instruction provides guidance for collecting gross gamma and removable contamination data to quantify the amount of residual contamination in Survey Unit 776028, 776033, and 776034, prior to demolition. Nal measurements are performed in accordance with INS-535-Ludlum2350-1 with Sodim Iodide Detector".

Correspondence No. Ref; 05-RF-00155; DCD-031-05

IHSS : **N/A** Building No(s): **776/777**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000277 Date: 12/01/2004 E Pages: 22

Building 776/777 2nd Floor Final Survey Report, Survey Unit 776029, December 2004. A Pre-Demolition Radiological Survey (PDS) is performed prior to building demolition define the radiological conditions of a facility. A PDS survey for survey unit 776029 has been completed in accordance with guidelines outlined in the "Radiological Pre-Demolition Survey Plan (PDSP) Building 776/777".

Correspondence No. Ref; 05-RF-00155; DCD-031-05

IHSS : **N/A** Building No(s): **776/777**

Author: **DISTRIBUTION** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000278 Date: 07/01/2005 Pages: 3

RE: Major Modification (Appendix 1) to Building 776/777 Closure Project Decommissioning Operations Plan (DOP). The Colorado Department of Public Health and Environment (CDPHE), hereby approves the June 30, 2003 dated version of Appendix 1 to the Building 776/777 Closure Project DOP.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **N/A**

Author: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Recipient: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000279 Date: 06/02/2005 Pages: 1

Purpose of Contact: As discussed on June 2nd and in follow-on conversations on June 8th and 9th, Kaiser-Hill Company, L.L.C. (K-H) agreed that the Building 776 opening to the tunnel, from B776 to B771 will be blocked by crushing the end of the existing tunnel, than placing approximately 20 yards of concrete onto the crush end, forming a layer 1 1/2 to 2 feet thick.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **N/A**

Author: **PRIMROSE, ANNETTE L.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **POTTORFF, ELIZABETH T.** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: to Frames: to

Document No.: B776 - A - 000287 Date: 02/07/2005 Pages: 2

Purpose of Contact: This contact record documents of the activities that were conducted to prepare Area 7, survey unit 8 for demolition. Survey Unit 8 comprises the compressor house on the north side of Building 776.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776/777**

Author: **FOSS, DYAN** Organization: **707/776/777 CLOSURE PROJECT**

Recipient: **KRAY, EDD** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: to Frames: to

Document No.: B779 - A - 000205 Date: 01/25/2001 E Pages: 1

Modifications to the Building 779 Decommissioning Operations Plan (DOP) - Rocky Mountain Remediation Services, L.L.C. (RMRS) / US Department of Energy (DOE) Transmittal Crosswalk for the CERCLA Administrative Record (AR): (1) Minor Modification addends Section 9, Regulatory and Environmental considerations. Clarifies number of Resource Conservation and Recovery Act (RCRA) storage units to be close

Correspondence No. 98-RF-02546; 98-DOE-01864; 98-RF-04543; 99-DOE-01772; 98-RF-05627; 99-RF-01105; 99-DOE-01887; 99-RF-02061; 98-RF-05558; 98-DOE-01172; 99-RF-03072; 99-DOE-01870; 00-RF-00615; 00-DOE-01710

Author:
WHITING, JOHN W.

Organization:
KAISER-HILL COMPANY, L.L.C.

Building No(s): **729** **776/777**

Recipient:

Organization:

Microfiche No.: 208 to 208

Frames: 0056 0000 to 0056 0000

Document No.: BZ - A - 000775 Date: 12/20/2004 Pages: 1

Forwards / Submits the attached [000776] Draft Closeout Report for IHSS Group 900-11 PAC SE-1602 East Firing Range and Target Area.

Correspondence No. 04-RF-01288; KLW-057-04

IHSS : **SE-1602** Building No(s): **N/A**

Author: **WIEMELT, KAREN** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: to Frames: to

Document No.: BZ - A - INFO Date: 01/01/1992 **E** Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The *900 Area: Contaminated Soil Disposal Area* East of Building 881 (IAG Name: Radioactive Site - 800 Area Site No. 1). Approximately 320 tons of Plutonium (Pu) contaminated soil and asphalt from the May 1969 fire in Building 776 was buried under one to two feet of fill. Some of the material, or additional material, was from Cer

Correspondence No. PAC 900-130; SW-A-000189

IHSS : **130** Building No(s): **881**
900-130

Author: **ENVIRONMENTAL RESTORATION PRGM** Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: BZ - A - INFO Date: 09/26/1997 Pages: 0

Information Only Entry: Second Annual Update to the Historical Release Report (HRR) for the Rocky Flats Plant (RFP); August 1, 1996 through August 1, 1997 - Contaminated Soil Disposal Area East of Building 881 (IAG Name: Radioactive Site - 800 Area Site No. 1) (IHSS 130; OU01). Approximately 320 tons of plutonium-contaminated soil and asphalt from the May 1969 fire in Building 776 was buried under one to two feet of fill. S

Correspondence No. PAC 900-130; SW-A-002435; RF/RMRS-97-073.UN; 97-DOE-0542; 01498-RF-97; 97-DOE-02487

IHSS : **130** Building No(s): **774** **776**
900-130

Author: **ENVIRONMENTAL RESTORATION PRGM** Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

IHSS : 130
900-130

Building No(s): 774 776

Microfiche No.: N/A to N/A

Frames: N/A to N/A

Document No.: IA - A - 000133 Date: 01/07/1999 Pages: 2

Review and update of Suyama, July 16, 1998 letter regarding the deactivation of Substation 515/516 - The purpose of this letter is to review the impacts to the authorization basis of Building 771/774 and 776/777 that were recently transferred to RockyMountain Remediation Service (RMRS). RMRS has determined that the impacts remain the same as per the above reference letter.

Correspondence No. WJM-001-99; 99-RF-0062; RMRS-051-98; (RMS-051-98)

IHSS: **N/A** Building No(s): **771/774**

Author: **MCANDREW, WILLIAM J.** Organization: **RMRS, NO ROCKY MOUNTAIN REMEDIATION SERVICE**

Recipient: **LUCERNA, J. J.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Microfiche No.: 16 to 16 Frames: 1.0 to 1.1

Document No.: IA - A - 000133 Date: 01/07/1999 Pages: 2

Review and update of Suyama, July 16, 1998 letter regarding the deactivation of Substation 515/516 - The purpose of this letter is to review the impacts to the authorization basis of Building 771/774 and 776/777 that were recently transferred to RockyMountain Remediation Service (RMRS). RMRS has determined that the impacts remain the same as per the above reference letter.

Correspondence No. WJM-001-99; 99-RF-0062; RMRS-051-98

IHSS: **N/A** Building No(s): **776/777**

Author: **MCANDREW, WILLIAM J.** Organization: **RMRS, NO ROCKY MOUNTAIN REMEDIATION SERVICE**

Recipient: **LUCERNA, J. J.** Organization: **KAISER-HILL COMPANY, L.L.C.**

Microfiche No.: 16 to 16 Frames: 1.0 to 1.1

Document No.: IA - A - 000306 Date: 01/05/1989 Pages: 2

Internal letter states that on January 11, 1989 Colorado Department of Health (CDH) and US Environmental Protection Agency (EPA) will conduct a Resource Conservation and Recovery Act (RCRA) Inspection. Attached is the tentative agenda, which will include Buildings 371, 374, 774, 750, 776, 569 and 664

Correspondence No. 0010068; INSPCT4.ALS

IHSS: **N/A** Building No(s): **371**

Author: **SCHUBERT, ALLEN** Organization: **ROCKWELL INTERNATIONAL CORPORATION**

Recipient: **DISTRIBUTION** Organization: **ROCKWELL INTERNATIONAL CORPORATION**

Microfiche No.: 74 to 74 Frames: 0033 0000 to 0033 0001

Document No.: IA - A - 000370 Date: 09/29/1994 Pages: 1

EG&G Rocky Flats, Inc. is providing this notification regarding a petroleum release from an Underground Storage Tank (UST) system at Rocky Flats Environmental Technology Site (RFETS). This UST is a 1,000 gallon steel tank, installed in 1968 and used to store diesel fuel for Building 776 at RFETS. During Site assessment activities being conducted in preparation for the closure of the UST, one soil sample from beneath the UST indi

Correspondence No. 94-RF-10066; TGH-394-94

IHSS: **N/A** Building No(s): **776**

Author: **HEDAHL, T. G.** Organization: **EG&G ROCKY FLATS, INC.**

Recipient: **SHOUP, ROBERT** Organization: **COLORADO DIVISION OF LABOR, DEPARTMENT OF LA**

Microfiche No.: 95 to 95 Frames: 0093 0000 to 0093 0000

Document No.: IA - A - 000458 Date: 06/07/2000 Pages: 1

US Department of Energy, Rocky Flats Field Office (DOE/RFFO) forwards Draft Final of Sampling and Analysis Plan (SAP) for the Decontamination and Decommissioning (D&D) Groundwater Monitoring of Buildings 707, 776/777, 371/374, 865 and 883, dated April 2000.

Correspondence No. 00-DOE-02698; RF/RMRS-2000-021

IHSS: **N/A** Building No(s): **371** **374**

Author: **LEGARE, JOSEPH A.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 118 to 118 Frames: 0010 0000 to 0010 0000

Document No.: IA - A - 000459 Date: 04/01/2000 **E** Pages: 53

US Department of Energy, Rocky Flats Field Office (DOE/RFFO) transmits Sampling and Analysis Plan (SAP) for the Decontamination and Decommissioning (D&D) Groundwater Monitoring of Buildings 707, 776/777, 371/374, 865 and 883, Draft Final Revision 0, dated April 2000.

Correspondence No. RF/RMRS-2000-021; 00-DOE-02698

IHSS: **N/A** Building No(s): **371** **374**

Author: Organization:

Recipient: Organization:

Microfiche No.: 118 to 119 Frames: 0011 0000 to 0011 0052

Document No.: IA - A - 000720 Date: 06/13/1996 Pages: 5

Transmits Criticality Safety Operating Limits (CSOL) Limits for Utilization of Oversized Crates for Building 707 "J" Module Glovebox and Transport to B776.

Correspondence No. MAL MP-SMM-052; HNF-062-96

IHSS : **N/A** Building No(s): **707**

Author: **FINKLEMAN, H.** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **MALINOSKY, BOB** Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Microfiche No.: 256 to 256 Frames: 0013 0000 to 0013 0004

Document No.: IA - A - 001050 Date: 07/15/2002 Pages: 73

Pre-Demolition Survey Plan (PDSP) for Decontamination and Decommissioning (D&D) Facilities, Revision 1 July 15, 2002. This document has been revised (minor modification). Concurrence by the 371, 771, 707/776 and RISS Closure Projects has been documented in the document history files.

Correspondence No. MAN-127-PDSP; Copy No. 21 Ref: 02-DOE-01112; 00548-RF-02; MAN-077-DDCP

IHSS : **N/A** Building No(s): **371** **707**

Author: **RISS, D&D GROUP** Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Recipient: **DISTRIBUTION** Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 429 to 430 Frames: 0012 0000 to 0012 0072

Document No.: IA - A - 001051 Date: 07/15/2002 Pages: 107

The Decontamination and Decommissioning Characterization Protocol (DDCP), Revision 4, July 15 2002. This document has been revised (minor modification). Concurrence by the 371, 771, 707/776 and RISS Closure Projects has been documented in the document history files.

Correspondence No. MAN-077-DDCP; Copy No. 59; MAN-127-PDSP; Ref: 02-DOE-01112; 00548-RF-02

IHSS : **N/A** Building No(s): **371** **707**

Author: **RISS, D&D GROUP** Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Recipient: **DISTRIBUTION** Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 430 to 432 Frames: 0013 0000 to 0013 0110

79

Document No.: IA - A - 001052 Date: 07/15/2002 Pages: 64

Appendix D, Reconnaissance Level Characterization Plan (RLCP) for Decontamination and Decommissioning (D&D) Facilities, Revision 1 July 15, 2002. This document has been revised (minor modification). Concurrence by the 371, 771, 707/776 and RISS Closure Projects has been documented in the document history files.

Correspondence No. Ref: MAN-077-DDCP; MAN-127-PDSP; Ref: 02-DOE-01112; 00548-RF-02

IHSS : **N/A** Building No(s): **371** **707**

Author: **RISS, D&D GROUP** Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Recipient: **DISTRIBUTION** Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 432 to 433 Frames: 0014 0000 to 0014 0063

Document No.: IA - A - 001074 Date: 09/12/2002 Pages: 1

Submits the attached [001075] Industrial Area Sampling and Analysis Plan (IASAP), Fiscal Year 2002 Addendum No. IA-02-08 UBC 776 AND UBC 777, September 2002.

Correspondence No. 02-RF-02037; JLB-051-02

IHSS : **N/A** Building No(s): **776** **777**

Author: **BUTLER, J. LANE** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **DISALVO, RICHARD** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 441 to 441 Frames: 0036 0000 to 0036 0000

Document No.: IA - A - 001075 Date: 09/01/2002 E Pages: 11

Industrial Area Sampling and Analysis Plan (IASAP), Fiscal Year 2002 Addendum No. IA-02-08 UBC 776 AND UBC 777, September 2002. This IASAP includes sampling locations and Potential Contaminants of Concern (PCOC) for Under Building Contaminant (UBC) during FY02.

Correspondence No. Ref: 02-RF-02037; JLB-051-02

IHSS : **N/A** Building No(s): **776** **777**

Author: Organization:

Recipient: **DISTRIBUTION** Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 441 to 442 Frames: 0037 0000 to 0037 0010

Document No.: IA - A - 001096 Date: 09/24/2002 Pages: 1

Forwards the attached [001075] Industrial Area Sampling and Analysis Plan (IASAP) Fiscal Year 2002, Addendum No. IA-02-08 Under Building Contaminant (UBC), for Buildings 776 and 777. This IASAP also includes sampling location and potential contaminants of concern for the Individual Hazardous Substance Site IHSS Group 700-3.

Correspondence No. 02-DOE-01442; 00647-RF-02

IHSS : **000-121**
150.2(S)

Building No(s): **UBC 70 UBC 77**

Author: **LEGARE, JOSEPH A.**

Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **GUNDERSON, STEVE**

Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 444 to 444 Frames: 0058 0000 to 0058 0000

Document No.: IA - A - 001236 Date: 04/29/1999 Pages: 2

Purpose of Contact: Discusses the status of several projects, which include Fume Hood Characterization, Building 865 and 883 Ancillary Structures, Building 776/777 Sludge and White Paper Slab Removal.

Correspondence No. N/A

IHSS : **N/A**

Building No(s): **776 777**

Author: **CATHEL, ROBERT**

Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **GILBREATH, CHRIS C.**

Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTH**

Microfiche No.: 466 to 466 Frames: 0099 0000 to 0099 0001

Document No.: IA - A - 001259 Date: 01/01/2003 **E** Pages: 22

Characterization Data Summary Individual Hazardous Substance Site IHSS Group 700-3, January 2003. This report summarizes initial characterization activities conducted at the request of Building 776/777 Decontamination and Decommissioning (D&D) personal. Additional sampling will be required to make future Environmental Restoration (ER) action decisions. Under Building Contaminant (UBC) for Buildings 776 and 777

Correspondence No. Ref: 03-RF-00207; 03-RF-00207

IHSS : **700-3**

Building No(s): **776 777**

Author:

Organization:

Recipient: **DISTRIBUTION**

Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 472 to 473 Frames: 0122 0000 to 0122 0021

Document No.: IA - A - 001279 Date: 01/06/1989 Pages: 3

The Colorado Department of Health (CDH) provides a follow-up to inspections and the violations found for Building 371, Unit 63; Building 776, Unit 11 and 69.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **371** **776**

Author: **DOWSETT, FREDERICK R.** Organization: **CDH, COLORADO DEPARTMENT OF HEALTH**

Recipient: **WHITEMAN, ALBERT E.** Organization: **DOE, US DEPARTMENT OF ENERGY**

Microfiche No.: 478 to 478 Frames: 0097 0000 to 0097 0002

Document No.: IA - A - 001357 Date: 04/03/2003 Pages: 1

Purpose of Contact: Discusses the sampling that will be done after the removal of Tank 207, located in the 700 Area to the northwest of Building 776 and to the east of the former Cooling Tower in Individual Hazardous Substance Site IHSS 121.

Correspondence No. N/A

IHSS : **121** Building No(s): **776**

Author: **SPENCE, TRACEY** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **HINDMAN, JAMES** Organization: **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**

Microfiche No.: 509 to 509 Frames: 0030 0000 to 0030 0000

Document No.: IA - A - 001415 Date: 05/01/2003 E Pages: 18

Characterization Data Summary Individual Hazardous Substance Site IHSS Group 700-3, May 2003 - This data summary report summarizes initial characterization activities at the requested Building 776/777 Decontamination and Decommissioning (D&D) personal at Rocky Flats Environmental Technology Site (RFETS/Site). Additional sampling will be required to make future Environmental Restoration (ER) action decisi

Correspondence No. Ref:03-RF-00700; JLB-034-03

IHSS : **000-121** Building No(s): **UBC 70** **UBC 77**
118.1

Author: Organization:

Recipient: Organization:
DISTRIBUTION **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 523 to 523 Frames: 0084 0000 to 0084 0017

Document No.: IA - A - 002096 Date: 04/22/2004 Pages: 41

The Final Closeout Report for Building 566 Cluster [Type 2]. The 566 Cluster was located on the north half of the Rocky Flats Environmental Technology Site (RFETS/Site), just west of Building 776.

Correspondence No. 04-DOE-00316; 00188-RF-04

IHSS : **N/A** Building No(s): **566**

Author: Organization:
Recipient: Organization:

DISTRIBUTION **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Microfiche No.: 716 to 717 Frames: 0009 0000 to 0009 0041

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 000 Area: Original Process Waste Lines (OPWL) (PAC 000-121). The OPWL are a network of tanks and underground pipelines constructed to transport and temporarily store Aqueous chemical and radioactive process wastes from point of origin to on-site treatment and discharge points. The system handled process wa

Correspondence No. PAC 000-121; SW-A-000189

IHSS : **000-121** Building No(s): **122** **123**
121

Author: Organization:
Recipient: Organization:

FILE **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 600 Area: Chemical Storage - South Side. An incident on May 4, 1965, could have impacted this area near the corner of Central Avenue and Seventh Street (formerly identified as A and G Roads). A radioactive waste box being transported from Building 776 to a storage area near B663 leaked. It was determined that highly contami

Correspondence No. PAC 600-117.3; SW-A-000189

IHSS : **117.3** Building No(s): **N/A**
600117.3

Author: Organization:
Recipient: Organization:

FILE **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 600 Area: Radioactive Site - 444 Parking Lot. This area was used to store wastes prior to offsite disposal and has been impacted several times by punctured or leaking waste drums and boxes. Liquid leaked from a drum while being moved by forklift into a trailer for off-site disposal on March 19, 1963. The radioactive liquid contan

Correspondence No. PAC 600-160; SW-A-000189

IHSS : **160** Building No(s): **N/A**

600-160

Author: Organization:
Recipient: Organization:

FILE **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 600 Area: Storage Site West of Building 664 [Interagency Agreement (IAG) Name: Radioactive Site 800 Area Site No. 2 - Concrete Slab]. After the 1957 fire in B776, a radioactively contaminated slab from the wall of the building was placed in an area northwest of B881 for temporary storage. The are impacted is now covered by tl

Correspondence No. PAC 600-164.1; SW-A-000189

IHSS : **164.1** Building No(s): **N/A**

600164.1

Author: Organization:
Recipient: Organization:

FILE **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 600 Area: Transformer Waste Storage Building 663. Two buildings (B662 and 663) constructed on concrete slabs were built as temporary construction buildings. The wooden structures were removed prior to 1954 but the concrete slabs remained. In April 1954, it was proposed that the 663 slab (a.k.a. the East Slab) be used for t

Correspondence No. PAC 600-1001; SW-A-000189

IHSS : **600-1001** Building No(s): **662** **663**

Author: Organization:
Recipient: Organization:

FILE **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 700 Area is located in the north-central portion of the RFP. The more important buildings and features in this area are as follows: Building 701 was originally a carpentry and paint shop. Currently, this building is used for research and development of new waste treatment systems. Building 705 was placed into service in 1966, and

Correspondence No. N/A; SW-A-000189

Author: Organization:
Recipient: Organization:

Building No(s): **701** **705**

FILE **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 700 Area: Multiple Solvent Spills West End of Building 730. A 5,000-gallon aboveground Carbon Tetrachloride storage tank located within a bermed area between the north side of B707 and the alleyway south of 788. In June 1981, the tank ruptured and leaked solvent onto the ground, contaminating the soil. An unknown amount

Correspondence No. PAC 700-118.2; SW-A-000189

IHSS : **118.2**
700118.2

Building No(s): **N/A**

Author: Organization:
Recipient: Organization:

FILE **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 700 Area: Radioactive Site - 700 Area Site No. 1. As a result of an explosion in Building 776 in June 1964, an area of approximately 1,500 square feet of soil at the exit of the Gas Bottle dock was contaminated with Plutonium (Pu); some areas had activities greater that 200,000 dpm/67cm(2). A later account states that 40 squ

Correspondence No. PAC 700-131; SW-A-000189

IHSS : **131**
700-131

Building No(s): **N/A**

Author: Organization:
Recipient: Organization:

FILE **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 700 Area: Radioactive Site - 700 Area Site No. 4. Documented incidents involving laundry tanks north of Building 776 and south of B771 are likely to have occurred in the tanks in 730. Four 34-year old tanks in 730 are suspected of having had overflows of laundry waste. Two of these tanks are 4,500-gallon underground tanl

Correspondence No. PAC 700-132; SW-A-000189

IHSS : **132** Building No(s): **730**

700-132

Author: Organization:
Recipient: Organization:
FILE **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 700 Area: Cooling Tower Blowdown Buildings 712 and 713 (Interagency Agreement (IAG) Name: Cooling Tower Blowdown Building 774). Building 712 and 713 are both cooling tower (CT) facilities associated with B776. Interviewees for Comprehensive Environmental Assessment and Response Program (CEARP) mentioned a rele

Correspondence No. PAC 700-137; SW-A-000189

IHSS : **137** Building No(s): **712** **713**

700-137

Author: Organization:
Recipient: Organization:
FILE **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 700 Area: Sewer Line Overflow [Interagency Agreement (IAG) Name: Sewer Line Break]. An increased pumping rate in the Sanitary Waste Transfer Line from Laundry Waste Holding Tanks 776A and 776B (Building 730) to the Sanitary Waste Treatment Plant (B995) pressurized the line, causing a toilet and sink in B701 to overflow. T

Correspondence No. PAC 700-144; SW-A-000189

IHSS : **144** Building No(s): **N/A**

700-144

Author: Organization:
ENVIRONMENTAL RESTORATION PRGM **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**
Recipient: Organization:
DISTRIBUTION **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 700 Area: Radioactive Site North of Building 771 [Interagency Agreement (IAG) Name: Radioactive Leak North of B771]. Wastes from 771 and materials to be reprocessed 771 were frequently handled and stored in the area North of the building. Building 770, N of 771, was built in 1965 and has been used as a residue storage are

Correspondence No. PAC 700-150.1; SW-A-000189

IHSS : **150.1**
700150.1

Building No(s): **770** **771**

Author:
ENVIRONMENTAL RESTORATION PRGM

Organization:
RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG

Recipient:
DISTRIBUTION

Organization:
NOT INDICATED

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 700 Area: Radioactive Site North of Building 771 and 776 [Interagency Agreement (IAG) Name: Radioactive Leak West of 771]. On September 11, 1957, a fire was discovered in Room 108 of 771. Fires in the Box Exhaust Booster Filters and Main Filter Plenum were discovered seen after. An explosion in the Main Exhaust I

Correspondence No. PAC 700-150.2; SW-A-000189

IHSS : **150.2**
700150.2

Building No(s): **771** **776**

Author:
ENVIRONMENTAL RESTORATION PRGM

Organization:
RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG

Recipient:
DISTRIBUTION

Organization:
NOT INDICATED

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 700 Area: Radioactive Site South of Building 776 [Interagency Agreement (IAG) Name: Radioactive Leak South of Building 776]. On May 11, 1969, a fire occurred in B776/777. Plutonium (Pu) tracked outside of 776 by firefighting and support personnel was detectable on the ground around the building. Following the fire, rain c

Correspondence No. PAC 700-150.7; SW-A-000189

IHSS : **150.7**
700150.7

Building No(s): **N/A**

Author:
ENVIRONMENTAL RESTORATION PRGM

Organization:
RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG

Recipient:
DISTRIBUTION

Organization:
NOT INDICATED

Microfiche No.:

IHSS : 150.7 Building No(s): N/A

700150.7

N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 700 Area: French Drain North of Building 776/777. A French Drain, which was in use from about 1963 until at least 1972, leads North from Door 17T of B776, crosses the alleyway, then heads Eastward where its effluent leaches into the soil. Radioactive contamination in the area of this Site is the result of the June 1964 explosion

Correspondence No. PAC 700-1100; SW-A-000189

IHSS : 700-1100 Building No(s): N/A

Author: ENVIRONMENTAL RESTORATION PRGM

Organization: RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG

Recipient: DISTRIBUTION

Organization: NOT INDICATED

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 700 Area: Leaking Transformer, Building 776. Prior to 1987, Transformer 776-4 was located 100 feet West of the Northwest corner of B776. The Transformer Pad at this location is positioned on an incline with drainage toward an access road 15 feet to the East. In February 1986, the transformer was leaking on the radiator and ar

Correspondence No. PAC 700-1102; SW-A-000189

IHSS : 700-1102 Building No(s): 776

Author: ENVIRONMENTAL RESTORATION PRGM

Organization: RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG

Recipient: DISTRIBUTION

Organization: NOT INDICATED

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 700 Area: Compressor Waste Oil Spill, Building 776. On June 10, 1986, an open oil drum filled with water from the B776 Compressor House roof overflowed. One or two gallons of oil flowed onto the road and was carried past 776 by rainwater. The oil originated from a Sump Trench in the Compressor House. On June 12, 1986, twc

Correspondence No. PAC 700-1107; SW-A-000189

IHSS : **700-1107** Building No(s): **N/A**

Author: **ENVIRONMENTAL RESTORATION PRGM**
Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Recipient: **DISTRIBUTION**
Organization: **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The *900 Area: Mound Area. In April 1954, the mounding of contaminated* combustible wastes from Building 444 was suggested as a method of disposal. Mounding activities continued until September 1958. Drums from B444, 888, 883, 771, and 776 were placed in the mound. After September 1958, additional drums were moved to

Correspondence No. PAC 900-113; SW-A-000189

IHSS : **113**
900-113 Building No(s): **N/A**

Author: **ENVIRONMENTAL RESTORATION PRGM**
Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Recipient: **DISTRIBUTION**
Organization: **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - Under Building Contamination (UBC), Rocky Flats Plant (RFP). *Soil and/or groundwater* beneath the identified buildings may have become contaminated because of the nature of activities within them. Numerous indoor unplanned events and routine operations may have led to UBC. These events are not all similar in nature or sc

Correspondence No. Ref: SW-A-000189

IHSS : **157.2** Building No(s): **UBC 12; UBC 12;**

Author: **ENVIRONMENTAL RESTORATION PRGM**
Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Recipient: **DISTRIBUTION**
Organization: **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - Under Building Contamination UBC 776. This Record provides the description(s) of some of the events that may have led to UBC. The identified events are not intended to be complete, but are rather intended to be representative of events that have occurred which may have led to UBC. Building 776 houses General Plutonium Fabrication :

Correspondence No. Ref: SW-A-000189

IHSS : **N/A** Building No(s): **776** **UBC 77**

Author: **ENVIRONMENTAL RESTORATION PRGM**
Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Recipient: **DISTRIBUTION**
Organization: **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - Potential Incident of Concern PIC 4: Process Cooling Water Spill, Building 776/777. On February 6, 1989, an alarm indicated a high liquid level in an unused Production Pit outside B776 and 777. A pipe froze and broke spilling 1,200 gallons of process cooling water into the pit. Process cooling water measuring 51 pCi/1 of an unl

Correspondence No. Ref: SW-A-000189

IHSS : **PIC 4** Building No(s): **N/A**

Author: **ENVIRONMENTAL RESTORATION PRGM**
Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Recipient: **DISTRIBUTION**
Organization: **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1992 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - Potential Incident of Concern PIC 19: Carbon Tetrachloride Spill, Building 776. Radioactively contaminated carbon tetrachloride spilled from a 5-gallon can in the storage area during sampling. Two square feet of ground were contaminated the Building 776 Solvent Storage Area. The cans of solvent were double bagged an

Correspondence No. Ref: SW-A-000189

IHSS : **PIC 19** Building No(s): **N/A**

Author: **ENVIRONMENTAL RESTORATION PRGM**
Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Recipient: **DISTRIBUTION**
Organization: **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 01/01/1996 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January 1992 (Environmental Project Status, To Date) - The Original Process Waste Lines (OPWL) (PAC 000-121) are a network of tanks and underground pipelines constructed to transport and temporarily store aqueous chemical and radioactive process wastes from point of origin to on-site treatment, and discharge points. The system ha

Correspondence No. PAC 000-121; SW-A-002448

IHSS : **000-121**
121

Building No(s): **N/A**

Author: **ENVIRONMENTAL RESTORATION PRGM**

Organization: **RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L**

Recipient: **DISTRIBUTION**

Organization: **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 04/24/1996 Pages: 0

Information Only Entry: Draft Update to the Historical Release Report (HRR) for the No Action Individual Hazardous Substance Sites (IHSS), May 2, 1996 - Chemical Storage - South Site. Various RFP photographs indicate that the area southwest of the intersection of Central Avenue and Sage Street was used for storage from approximately 1964 until 1969. Presently, there are two No. 6 Fuel Oil tanks (T221 and T224) at the site. O

Correspondence No. PAC 600-117.3 (Ref: SW-A-004224; AMP-058-96)

IHSS : **117.3**
600117.3

Building No(s): **N/A**

Author: **ENVIRONMENTAL RESTORATION PRGM**

Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Recipient: **DISTRIBUTION**

Organization: **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 09/26/1997 Pages: 0

Information Only Entry: Second Annual Update to the Historical Release Report (HRR) for the Rocky Flats Plant (RFP); August 1, 1996 through August 1, 1997 - Chemical Storage, South Site and Fuel Oil Tank 221 Spills (IHSS 117.3, 152; OU13). Various RFP photographs indicate that the area southwest of the intersection of Central Avenue and Sage Street was used for storage from approximately 1964 until 1969. Until 1996, there wer

Correspondence No. PAC 600-117.3 & 152; SW-A-002435; RF/RMRS-97-073.UN; 97-DOE-0542; 01498-RF-97; 97-DOE-02487

IHSS : **117.3**
152

Building No(s): **776** **777**

Author: **ENVIRONMENTAL RESTORATION PRGM**

Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Recipient: **DISTRIBUTION**

Organization: **NOT INDICATED**

IHSS : 117.3
152

Building No(s): 776 777

Microfiche No.: N/A to N/A

Frames: N/A to N/A

Document No.: IA - A - INFO

Date: 09/26/1997

Pages: 0

Information Only Entry: Second Annual Update to the Historical Release Report (HRR) for the Rocky Flats Plant (RFP); August 1, 1996 through August 1, 1997 - Radioactive Slab from Building 776 (IAG Name: Radioactive Site 800 Area Site No. 2 - Concrete Slab) (IHSS 164.1; OU14). After the 1957 fire in Building 776/777, a radioactively contaminated slab from the east wall of the building was placed in an area northwest of B881 for t

Correspondence No. PAC 600-164.1; SW-A-002435; RF/RMRS-97-073.UN; 97-DOE-0542; 01498-RF-97; 97-DOE-02487

IHSS : 164.1
600164.1

Building No(s): 776 777

Author:
ENVIRONMENTAL RESTORATION PRGM

Organization:
RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG

Recipient:
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Organization:
NOT INDICATED

Microfiche No.: N/A to N/A

Frames: N/A to N/A

Document No.: IA - A - INFO

Date: 09/26/1997

Pages: 0

Information Only Entry: Second Annual Update to the Historical Release Report (HRR) for the Rocky Flats Plant (RFP); August 1, 1996 through August 1, 1997 - Radioactive Site - 700 Area - Site No. 4 (IHSS 132; OU09). Documented incidents involving laundry tanks north of Building 776 and south of B771 are likely to have occurred in the tanks in 730. Four 34-year old tanks in 730 are suspected of having had overflows of laundry w:

Correspondence No. PAC 700-132; SW-A-002435; RF/RMRS-97-073.UN; 97-DOE-0542; 01498-RF-97; 97-DOE-02487

IHSS : 118.1
132

Building No(s): 730 771

Author:
ENVIRONMENTAL RESTORATION PRGM

Organization:
RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG

Recipient:
DISTRIBUTION

Organization:
NOT INDICATED

IHSS : 118.1
132

Building No(s): 730 771

Microfiche No.: N/A to N/A

Frames: N/A to N/A

Document No.: IA - A - INFO

Date: 09/26/1997

Pages: 0

Information Only Entry: Second Annual Update to the Historical Release Report (HRR) for the Rocky Flats Plant (RFP); August 1, 1996 through August 1, 1997 - Transformer Leak - 776-4 (PAC 700-1102). Prior to January 1986, Transformer 776-4 was located approximately 100 feet west of the northwest corner of Building 776. The transformer pad at this location was positioned on an incline with drainage toward and access road 15 feet to tl

Correspondence No. PAC 700-1102; SW-A-002435; RF/RMRS-97-073.UN; 97-DOE-0542; 01498-RF-97; 97-DOE-02487

IHSS : 700-1102

Building No(s): 771 776

Author:
ENVIRONMENTAL RESTORATION PRGM

Organization:
RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG

Recipient:
DISTRIBUTION

Organization:
NOT INDICATED

Microfiche No.: N/A to N/A

Frames: N/A to N/A

Document No.: IA - A - INFO

Date: 09/29/1999

Pages: 0

Information Only Entry: Fourth Annual Update to the Historical Release Report (HRR) for the Rocky Flats Plant (RFP); August 1, 1998 through August 1, 1999 Revision 0 - Storm Drains (PAC 000-505). There are two hundred thirty-nine storm drains that provide site drainage from roads, parking lots, and other areas and discharge into the creeks and drainage's north and south of the Site. Footing Drains from site buildings also discharge to sto

Correspondence No. RF/RMRS-99-428.UN; SW-A-003379

IHSS : 000-3
000-505

Building No(s): 371 444

Author:
ENVIRONMENTAL RESTORATION PRGM

Organization:
RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG

Recipient:
DISTRIBUTION

Organization:
NOT INDICATED

Microfiche No.: N/A to N/A

Frames: N/A to N/A

86

Document No.: IA - A - INFO Date: 09/28/2000 Pages: 0

Information Only Entry: Fifth Annual Update to the Historical Release Report (HRR) for the Rocky Flats Plant (RFP): August 1, 1999 through August 1, 2000 Revision 0 - Radioactive Slab from Building 771 (PAC 600-164.1). After the 1957 fire in Building 771, a radioactively contaminated slab from the east wall of the building was placed in an area northwest of Building 881 for temporary storage. The origin of the slab was originally docum

Correspondence No. KH-00-900.UN; SW-A-004154

IHSS : **164.1** Building No(s): **771** **776**

600164.1

Author: **ENVIRONMENTAL RESTORATION PRGM**
Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Recipient: **DISTRIBUTION**
Organization: **NOT INDICATED**

Microfiche No.: to Frames: to

Document No.: IA - A - INFO Date: 09/28/2000 Pages: 0

Information Only Entry: Fifth Annual Update to the Historical Release Report (HRR) for the Rocky Flats Plant (RFP): August 1, 1999 through August 1, 2000 Revision 0 - Transformer Leak - 776-4 (PAC 700-1102). Prior to January 1986, Transformer 776-4 was located approximately 100 feet west of the northwest corner of Building 776. The transformer pad at this location was positioned on an incline with drainage toward and access road 1

Correspondence No. KH-00-900.UN; SW-A-004154

IHSS : **700-1102** Building No(s): **771** **776**

Author: **ENVIRONMENTAL RESTORATION PRGM**
Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Recipient: **DISTRIBUTION**
Organization: **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 03/01/2001 **E** Pages: 0

Information Only Entry: IA Group 700-3 consists of: Under Building Contaminant UBC 776: Original Plutonium (Pu) Foundry; UBC 777: General Pu Research and Development (R&D); UBC 778: Plant Laundry Facility; UBC 701: Waste Treatment R&D; Solvent Spills West of Building 730 (Operable Unit OU08, Individual Hazardous Substance Site IHSS 118.1, 700-118.1); Radioactive Site West of B771/776 (OU08, IHSS 150.2, 700-150.2(S)); Rad

Correspondence No. (Ref: IA-A-000752, IASAP)

IHSS : **118.1** Building No(s): **701** **776**

118.2

Author:
Organization:

Recipient: **NOTE TO FILE**
Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 03/01/2001 E Pages: 0

Information Only Entry: IA Group 700-4 consists of: Under Building Contaminant UBC 771: Plutonium (Pu) and Americium (Am) Recovery Operations; UBC 774: Liquid Process Waste Treatment; Radioactive Site West of Buildings 771/776 (Operable Unit OU08, Individual Hazardous Substance Site IHSS 150.2, 700-150.2(N)); Radioactive Site 700 North of B774 (Area 3) Wash Area (OU08, IHSS 163.1, 700-163.1); Radioactive Site 700 Area

Correspondence No. (Ref: IA-A-000752, IASAP)

IHSS : **121**
124.1

Building No(s): **771** **774**

Author:
Recipient:
NOTE TO FILE

Organization:
Organization:
ADMIN RECORD FILE CENTER, ARFC

Microfiche No.: N/A to N/A

Frames: N/A to N/A

Document No.: IA - A - INFO Date: 09/27/2001 Pages: 0

Information Only Entry: Sixth Annual Update to the Historical Release Report (HRR) for the Rocky Flats Plant (RFP): August 1, 2000 through August 1, 2001 Revision 0 - Transformer Leak - 776-4 (PAC 700-1102). Prior to January 1986, Transformer 776-4 was located approximately 100 feet west of the northwest corner of Building 776. The transformer pad at this location was positioned on an incline with drainage toward and access road 1

Correspondence No. KH-01-901.UN; SW-A-004400

IHSS : **700-1102**

Building No(s): **771** **776**

Author:
ENVIRONMENTAL RESTORATION PRGM

Organization:
RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG

Recipient:
DISTRIBUTION

Organization:
NOT INDICATED

Microfiche No.: N/A to N/A

Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. 701 - Offices / Warehouse
D&D 701, RISS Area: N/A; Group-N/A, Cluster: 776/777
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A**

Building No(s): **701** **776**

Author:
DELLAGUARDIA, GARY

Organization:
KAISER-HILL COMPANY, L.L.C.

Recipient:
NOTE TO FILE

Organization:
ADMIN RECORD FILE CENTER, ARFC

Microfiche No.: N/A to N/A

Frames: N/A to N/A

87

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. 710 - Steam Valve House
RISS D&D 710, RISS Area: 4; Group-N/A, Cluster: 776/777
Facility Grouping No.: FGN-14, Facility Area: 1-3-5-9, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **710** **776**

Author: **DELLAGUARDIA, GARY**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **DISTRIBUTION**
Organization: **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. 712A - Propane Mix Shed
RISS D&D 712A, RISS Area: N/A; Group-N/A, Cluster: 776/777
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A
[demolished 10/19/2001]

Correspondence No. N/A

IHSS : **N/A** Building No(s): **712A** **776**

Author: **DELLAGUARDIA, GARY**
Organization: **NOT INDICATED**

Recipient: **NOTE TO FILE**
Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. 713A - Valve Pit (east of 713)
D&D 713A, RISS Area: N/A; Group-N/A, Cluster: 776/777
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A
[demolished 12/3/2001]

Correspondence No. N/A

IHSS : **N/A** Building No(s): **713A** **776**

Author: **DELLAGUARDIA, GARY**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE**
Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. 712A - Propane Mix Shed
D&D 712A, RISS Area: N/A; Group-N/A, Cluster: 776/777
Facility Grouping No.: FGN-N/A, Facility Area:'N/A, Facility Type N/A
[demolished 10/19/2001]

Correspondence No. N/A

IHSS : **N/A** Building No(s): **712A** **776**

Author: **DELLAGUARDIA, GARY**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **DISTRIBUTION**
Organization: **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. 730 - Process Waste Pit - B776
D&D 730, RISS Area: N/A; Group-N/A, Cluster: 776/777
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **730** **776**

Author: **DELLAGUARDIA, GARY**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE**
Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. 776 - Manufacturing and Utilities Low Level and TRU Solid
D&D 776, RISS Area: N/A; Group-N/A, Cluster: 776/777
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **DELLAGUARDIA, GARY**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE**
Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. 777 - Assembly Building Pu Manufacturing Ops
D&D 777, RISS Area: N/A; Group-N/A, Cluster: 776/777
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **DELLAGUARDIA, GARY**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE**
Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. 779 Pad - 779 Concrete Pad (facility D&D'd)
D&D 779 Pad, RISS Area: 2; Group-N/A, Cluster: 776/777
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **DELLAGUARDIA, GARY**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE**
Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. 780 Pad - 780 Concrete Pad (facility D&D'd)
D&D 780 Pad, RISS Area: 2; Group-N/A, Cluster: 776/777
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **DELLAGUARDIA, GARY**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE**
Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. 780A Pad - 780A Concrete Pad (facility D&D'd)
D&D 780A Pad, RISS Area: 2; Group-N/A, Cluster: 776/777
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **DELLAGUARDIA, GARY**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE**
Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. 780B Pad - 780B Concrete Pad (facility D&D'd)
D&D 780B Pad, RISS Area: 2; Group-N/A, Cluster: 776/777
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **DELLAGUARDIA, GARY**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE**
Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. 781 - Compressor Building - 777 (Helium Pumps)
D&D 781, RISS Area: 2; Group-N/A, Cluster: 776/777
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **DELLAGUARDIA, GARY**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE**
Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. 782 Pad - 782 Concrete Pad (facility D&D'd)
D&D 782 Pad, RISS Area: 2; Group-N/A, Cluster: 776/777
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **DELLAGUARDIA, GARY**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE**
Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. 783 Pad - 783 Concrete Pad (facility D&D'd)
D&D 783 Pad, RISS Area: 2; Group-N/A, Cluster: 776/777
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **DELLAGUARDIA, GARY**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE**
Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. 784 Pad - 784 Concrete Pad (facility D&D'd)
D&D 784 Pad, RISS Area: 2; Group-N/A, Cluster: 776/777
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **DELLAGUARDIA, GARY**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE**
Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. 785 Pad - 785 Concrete Pad (facility D&D'd)
D&D 785 Pad, RISS Area: 2; Group-N/A, Cluster: 776/777
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **DELLAGUARDIA, GARY**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE**
Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. 786 Pad - 786 Concrete Pad (facility D&D'd)
D&D 786 Pad, RISS Area: 2; Group-N/A, Cluster: 776/777
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **DELLAGUARDIA, GARY**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE**
Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. 787 Pad - 787 Concrete Pad
D&D 787 Pad, RISS Area: 2; Group-N/A, Cluster: 776/777
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **DELLAGUARDIA, GARY**
Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE**
Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 E Pages: 0

Note to File: Property Id. 771-TUN - 771-776 Tunnel
RISS D&D 771-TUN, RISS Area: N/A; Group-N/A, Cluster: N/A
Facility Grouping No.: N/A, Facility Area: N/A, Facility: N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **771-TUN**

Author: **DELLAGUARDIA, GARY** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE** Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. TK-23 - Storage Tank (No. 2 Diesel) (replacement for UST 23/Tank 245) (N of 776 door 16T)
776/777 D&D TK-23, RISS Area: N/A; Group-N/A, Cluster: N/A
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776 777**

Author: **DELLAGUARDIA, GARY** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE** Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. Tank 201 - Breathing Air Receiver Tank 455-641 (north of 777)
776/777 D&D Tank 201, RISS Area: N/A; Group-N/A, Cluster: N/A
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776 777**

Author: **DELLAGUARDIA, GARY** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE** Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. Tank 202 - Diesel Storage Tank (north of 776) NDT 1188
776/777 D&D Tank 202, RISS Area: N/A; Group-N/A, Cluster: N/A
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **DELLAGUARDIA, GARY** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE** Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 02/04/2002 Pages: 0

Note to File: Property Id. Tank 203 - Water Coolant Storage Tank (southeast corner of 777)
776/777 D&D Tank 203, RISS Area: N/A; Group-N/A, Cluster: N/A
Facility Grouping No.: FGN-N/A, Facility Area: N/A, Facility Type N/A

Correspondence No. N/A

IHSS : **N/A** Building No(s): **776** **777**

Author: **DELLAGUARDIA, GARY** Organization: **KAISER-HILL COMPANY, L.L.C.**

Recipient: **NOTE TO FILE** Organization: **ADMIN RECORD FILE CENTER, ARFC**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 03/21/2002 Pages: 0

Information Only Entry: Reconnaissance Level Characterization Report (RLCR) Area 2 Group 3 Closure Projects, March 25, 2003; Historical Site Assessment (HSA) Report, March 21, 2002 - Building 706 was constructed in 1966 and is located approximately between Buildings 750 and 705. Building 706 was designed and constructed as a Plant Library Facility and operated from 1966 until approximately 1996. In approximately 1

Correspondence No. Ref: 03-RF-00484; DWF-021-03

IHSS : **N/A** Building No(s): **706**

Author: Organization:

Recipient: **DISTRIBUTION** Organization: **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: IA - A - INFO Date: 05/01/2002 E Pages: 0

Information Only Entry: Reconnaissance Level Characterization Report (RLCR) Building 223A Closure Project; Historical Site Assessment (HSA) Report, May 2002. Constructed in 1975, Building 223A is currently the Environmental Restoration Storage Building. Building 223A was originally built and owned by Air Products Corporation to supply nitrogen to Buildings 776, 777, 707, and 371. In 1991, Air Products built a larger facility tc

Correspondence No. IA-A-001661

IHSS : **117.1**
500117.1

Building No(s): **223A**

Author:
Organization:
Recipient:
Organization:

DISTRIBUTION

NOT INDICATED

Microfiche No.: N/A to N/A

Frames: N/A to N/A

Document No.: IA - A - INFO Date: 07/01/2002 E Pages: 0

Information Only Entry: Type 1 Reconnaissance Level Characterization Report (RLCR) Building 519 Closure Project, February 7, 2003 Historical Site Assessment (HSA) Report. Constructed in 1968, Building 557 is a Guard Post located east of Building 559. This facility was used to monitor vehicles and personnel entering the 559 and 707 restricted area. It was operational during the 1969 776 fire and the area around the Guard Post was

Correspondence No. Ref: 03-DOE-00174

IHSS : **000-162**
162

Building No(s): **557**

Author:
Organization:
Recipient:
Organization:

DISTRIBUTION

NOT INDICATED

Microfiche No.: N/A to N/A

Frames: N/A to N/A

Document No.: IA - A - INFO Date: 07/01/2002 E Pages: 0

Information Only Entry: Type 1 Reconnaissance Level Characterization Report (RLCR) Building 519 Closure Project, February 7, 2003 Historical Site Assessment (HSA) Report. Constructed in 1965 and used for controlling the steam for Buildings 776 and 771, Building 710 is a Steam Valve House located north of Building 776. Recently the steam line to 776 has been isolated. During the 1969 fire, the steam pipe chase between 710

Correspondence No. Ref: 03-DOE-00174

IHSS : **131**
700-131

Building No(s): **710**

Author:
Organization:
Recipient:
Organization:

DISTRIBUTION

NOT INDICATED

Microfiche No.: N/A to N/A

Frames: N/A to N/A

Document No.: IA - A - INFO Date: 08/01/2002 E Pages: 0

Information Only Entry: Reconnaissance Level Characterization Report (RLCR) Area 5 Group 3, June 11, 2003; Historical Site Assessment (HSA) Report, August 2002 - Building 122 is the medical building for Occupational Health and was constructed in 1953. This facility contains emergency medical services, personnel decontamination equipment, gamma counting operations, medical/infectious waste treatment, and administrati

Correspondence No. IA-A-001518

IHSS : **N/A** Building No(s): **122**

Author: Organization:
Recipient: Organization:

DISTRIBUTION **NOT INDICATED**

Microfiche No.: N/A to N/A Frames: N/A to N/A

92

Document No.: OU02 - A - INFO Date: 12/16/1994 Pages: 7

Information Only Entry: Identification of Wastewater Treatment and Disposal Options for Operable Unit OU07 Seep Water - US Department of Energy (DOE) received approval of the OU07 Seep Collection Proposed Action Memorandum (PAM) via letter from the State of Colorado, December 8, 1994 (attached). It is apparent that the Sitewide facility treatment concept will not support the OU07 Seep Collection Project Treatment and Disposal n

Correspondence No. SW-A-002776; ER:KM:12638; 04570-RF-94; MBU-039-94; 94-RF-12274

IHSS : **N/A** Building No(s): **N/A**

Author: **MUENCHOW, KURT** Organization: **DOE, US DEPARTMENT OF ENERGY**

Recipient: **PETERSON-WRIGHT, L.** Organization: **EG&G ROCKY FLATS, INC.**

Microfiche No.: to Frames: to

Document No.: OU07 - A - 000111 Date: 01/20/1993 Pages: 1

Transmits the Operable Unit OU07 Technical Memorandum TM1 on Exposure Scenarios for Risk Assessment, for the Phase I Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) (93-RF-0776). (Actual document incorrectly refers to a Phase II RFI/RI).

Correspondence No. RLB-031-93; 93-RF-0776

IHSS : **114** Building No(s): **N/A**

Author: **BENEDETTI, R. L.**

Organization: **EG&G ROCKY FLATS, INC.**

Recipient: **NELSON, ROBERT M. JR.**

Organization: **DOE/RFFO, ROCKY FLATS FIELD OFFICE**

Microfiche No.: 69 to 69 Frames: 0262 to 0262

93

Document No.: OU09 - A - 000296 Date: 01/10/1996 E Pages: 3

US Department of Energy (DOE) National Environmental Policy Act (NEPA) Regulations Subpart D Categorical Exclusion (CX) Determination: Process Waste System and Back-Up Fuel System Underground Storage Tank (UST) Closures; Buildings 441, 443, 774, 776, and 889. The US Department of Energy, Rocky Flats Field Office (DOE/RFFO) proposes to close in place seven (7) USTs that were a part of the Original Process Waste System a

Correspondence No. RFFO/CX10-96

IHSS : 121 Building No(s): 441 443

122

Author: Organization:
Recipient: Organization:
Microfiche No.: 88 to 88 Frames: 17.0 to 17.2

Document No.: SW - A - 000528 Date: 01/22/1993 Pages: 1

Grants approval to operate the Super Compactor and Repackaging Facility in Building 776.

Correspondence No. 0431-RF-93

IHSS : **N/A** Building No(s): **776/777**

Author: **MCGRAW, JACK W.** Organization: **EPA, US ENVIRONMENTAL PROTECTION AGENCY**

Recipient: **HARTMAN, JAMES, K.** Organization: **DOE/RFFO, ROCKY FLATS FIELD OFFICE**

Microfiche No.: 610 to 610 Frames: 0003 to 0003

Document No.: SW - A - 001217 Date: 11/01/1994 **E** Pages: 210

Building histories for Buildings 371, 444, 447, 460, 707, 771, 776/777, 881, 883, and 991. Historical Release Report (HRR), November, 1994.

Correspondence No. N/A

IHSS : **N/A** Building No(s): **371** **444**

Author: Organization:

Recipient: Organization:

Microfiche No.: 811 to 815 Frames: 15.0 to 15.211

Document No.: SW - A - 002415 Date: 02/05/1996 Pages: 46

RMRS Technical Document: Waste Characterization Gas Sampling, February 5, 1996 - This procedure provides instructions to obtain waste drum headspace gas samples and to vent and aspirate waste drums in the Building 776 Size Reduction Vault (SRV) Personnel Entry Airlock (146A), the SRV Equipment Airlock (146B), and the SRV Maintenance Airlock (146C) or the Advanced Size Reduction Facility (ASRF) Manual Disassembly A

Correspondence No. 4-S57-WP-4701

IHSS : **N/A** Building No(s): **N/A**

Author: Organization:

Recipient: Organization:

Microfiche No.: 1274 to 1275 Frames: 107.0 to 107.47

Document No.: SW - A - 002416 Date: 06/05/1997 Pages: 35

RMRS Technical Document: Waste Characterization Gas Sampling, June 5, 1997 - This procedure provides instructions to obtain waste drum headspace gas samples and to vent and aspirate waste drums in the Building 776 Size Reduction Vault (SRV) Personnel Entry Airlock (146A), the SRV Equipment Airlock (146B), and the SRV Maintenance Airlock (146C) or the Advanced Size Reduction Facility (ASRF) Manual Disassembly A

Correspondence No. 4-S57-WP-4701

IHSS : **N/A** Building No(s): **N/A**

Author: Organization:
Recipient: Organization:
Microfiche No.: 1275 to 1276 Frames: 108.0 to 108.34

Document No.: SW - A - 002454 Date: 06/20/1994 Pages: 172

Letter submitting the Draft Final Integrated Field Sampling Plan (FSP) for the Industrial Area (IA) Operable Units (OUs) Phase I Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) Non-Intrusive investigations; RFP/ERM-94-00020, Rev. 1; (Operable Units (OUs) OU08, OU09, OU10, OU12, OU13, OU14 dated April 1994; Individual Hazardous Substance Site (IHSS) overlap); 94-DOE

Correspondence No. 9RFP/ERM-94-00020; 4-DOE-06776; 02472-RF-94; 94-RF-05045; WSB-050-94; RFP/ERM-94-00020

IHSS : **N/A** Building No(s): **N/A**

Author: Organization:
SLATEN, STEVE W. **DOE, US DEPARTMENT OF ENERGY**
Recipient: Organization:
BAUGHMAN, GARY W. **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**
Microfiche No.: 1312 to 1316 Frames: 11.0 to 11.170

Document No.: SW - A - 002501 Date: 03/01/1996 Pages: 29

Statement of Work (SOW) for Tank Closure Activities: Phase I - Individual Hazardous Substance Site IHSS 129; Phase II - Resource Conservation Recovery Act (RCRA) Tanks; March 1, 1996. The seven (7) Underground Storage Tanks (UST) addressed are: Tanks 2 and 3 (T2 and T3), Building 441, IHSS 122; Tank 4 (T4), B443, IHSS 129; Tank (T10), B776, IHSS 132; Tank 14 (T14), B774, IHSS 124.1; Tank 16, B774, IHSS 124.2 and 124.3; and Tan

Correspondence No. MDO-003-96; (Auth No. 951822; WP No. 12524) uyt

IHSS : **121** Building No(s): **441** **443**
122

Author: Organization:
Recipient: Organization:
Microfiche No.: 1360 to 1360 Frames: 3.0 to 3.32

Document No.: SW - A - 003829 Date: 08/28/1990 Pages: 3

Colorado Department of Health (CDH) meeting minutes regarding reported data for radioactivity analyses were within the levels of background concentrations. All analytical results for radioactive materials were within expected ranges and were consistent with measurements which have been taken at the same sampling locations. Air effluent total long lived alpha activity results for July 30 and August 2, 1990 were reported. Air am

Correspondence No. 0012012

IHSS : **N/A** Building No(s): **371 771**

Author: **DAUGHERTY, NANCY M.** Organization: **CDH, COLORADO DEPARTMENT OF HEALTH**

Recipient: Organization:

Microfiche No.: 2044 to 2044 Frames: 0036 0000 to 0036 0002

Document No.: SW - A - 003918 Date: 07/07/1987 Pages: 2

Request for letter contract for environmental assessment on the Building 776 fluidized bed incinerator trial burn.

Correspondence No. 0011884

IHSS : **N/A** Building No(s): **776**

Author: **WESTON, WILLIAM F.** Organization: **ROCKWELL INTERNATIONAL CORPORATION**

Recipient: **LOUDENBERG** Organization: **ROCKWELL INTERNATIONAL CORPORATION**

Microfiche No.: 2080 to 2080 Frames: 0080 0000 to 0080 0001

Document No.: SW - A - 004010 Date: 01/14/1981 Pages: 35

Submits the enclosed report on Past Accidental Releases of Radioactivity from Rocky Flats Plant (RFP). This report contains a review of the 1957 fire in Building 771, a review of the waste oil drum leak and resuspension incident, a review of the 1969 fire in Building 776/777 and a review of the Tritium release occurrence.

Correspondence No. 0012673

IHSS : **N/A** Building No(s): **N/A**

Author: Organization:

Recipient: Organization:

Microfiche No.: 2104 to 2104 Frames: 0040 0000 to 0040 0034

95

Document No.: SW - A - 004046 Date: 06/13/2000 Pages: 9

Meeting Minutes: Facility Component Removal, Size Reduction, and Decontamination Activities Rocky Flats Cleanup Agreement Standard Operating Protocol (Component RSOP). The objective to the meeting is to discuss public comment on this documents. General Accounting Office (GAO) are doing an assessment on how money is being spent on decommissioning progress and controls. The status of the Actinide Migration Re

Correspondence No. 00-DOE-02350; 00439-RF-00

IHSS : **N/A** Building No(s): **371** **707**

Author: Organization:
Recipient: Organization:
Microfiche No.: 2126 to 2127 Frames: 0027 0000 to 0027 0008

Document No.: SW - A - 004364 Date: 04/01/2001 **E** Pages: 18

Rocky Flats Cleanup Agreement (RFCA) Implementation, Rocky Flats Environmental Technology Site (RFETS/Site), Quarterly Status Report, Second Quarter - Fiscal Year 2001. This April 2001 report describes activities that occurred from January 2001 through March 2001, and future planned activities. Sections addressed are: Sitewide Activities Implementing RFCA and Supporting Site Closure (Closure Project Baseline a

Correspondence No. 01-DOE-00754

IHSS : **N/A** Building No(s): **N/A**

Author: Organization:
Recipient: Organization:
DISTRIBUTION **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**
Microfiche No.: 2400 to 2401 Frames: 0052 0000 to 0052 0017

Document No.: SW - A - 004412 Date: 11/06/2001 Pages: 19

Forwards the attached Rocky Flats Cleanup Agreement (RFCA) Implementation, Rocky Flats Environmental Technology Site (RFETS/Site), Quarterly Status Report, Fourth Quarter - Fiscal Year 2001. This report describes activities that occurred from July 2001 through September 2001, and future planned activities. Notable achievements this quarter include production of over 125 Plutonium (Pu) containers by the Pu Stabiliz

Correspondence No. 00732-RF-01

IHSS : **N/A** Building No(s): **N/A**

Author: Organization:
LEGARE, JOSEPH A **DOE, US DEPARTMENT OF ENERGY**
Recipient: Organization:
GUNDERSON, STEVE **CDPHE, COLORADO DEPARTMENT OF PUBLIC HEALTI**
Microfiche No.: 2425 to 2426 Frames: 0004 0000 to 0004 0018

Document No.: SW - A - 004765 Date: 03/03/2003 Pages: 2

Consultative Process: Draft Environmental Restoration RFCA Standard Operating Protocol (ER RSOP) Notification for 903 Inner Lip Area and draft Industrial Area Sampling and Analysis Plan (IASAP) Addenda for Individual Hazardous Substance Site IHSS Groups 500-4, 400-3, and 700-3. The draft ER RSOP Notification for the 903 Inner Lip Area was discussed. The area of concern consists of the IHSS 155 area west of the road as m

Correspondence No. N/A

IHSS : **000-121**
116.1

Building No(s): **UBC 44 UBC 70**

Author:
SERREZE, SUSAN

Organization:
RISS, REMEDIATION, INDUSTRIAL BUILDING D&D AND

Recipient:
KLEEMAN, GARY

Organization:
EPA, US ENVIRONMENTAL PROTECTION AGENCY

Microfiche No.: 2833 to 2833 Frames: 0014 0000 to 0014 0001

Document No.: SW - A - INFO Date: 09/01/1996 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January 1992 - The 700 Area: Leaking Transformer, Building 776. Prior to 1987, Transformer 776-4 was located 100 feet West of the Northwest corner of B776. The Transformer Pad at this location is positioned on an incline with drainage toward an access road 15 feet to the East. In February 1986, the transformer was leaking on the radiator and ar

Correspondence No. PAC 700-1102; SW-A-002448

IHSS : **700-1102**

Building No(s): **776**

Author:
ENVIRONMENTAL RESTORATION PRGM

Organization:
RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L

Recipient:
DISTRIBUTION

Organization:
NOT INDICATED

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: SW - A - INFO Date: 09/01/1996 E Pages: 0

Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January 1992 - The 700 Area: Transformer Leak: Building 776 (776-5). Located on the west side of Building 714 within the Protected Area, this 1500 KVA transformer was manufactured in 1969 and was reported as leaking coolant oil in June, 1986. Transformer 776-5 was scheduled for cleanup on August 12, 1989. No documentation could be f

Correspondence No. PAC 700-1112; SW-A-002448

IHSS : **700-1112**

Building No(s): **N/A**

Author:
ENVIRONMENTAL RESTORATION PRGM

Organization:
RMRS, ROCKY MOUNTAIN REMEDIATION SERVICES, L

Recipient:
DISTRIBUTION

Organization:
NOT INDICATED

Microfiche No.: N/A to N/A Frames: N/A to N/A

Document No.: SW - A - INFO Date: 09/26/1997 Pages: 0

Information Only Entry: Second Annual Update to the Historical Release Report (HRR) for the Rocky Flats Plant (RFP); Off-Site Releases; August 1, 1996 through August 1, 1997 - Contamination of the Land's Surface (IHSS 199; OU03). IHSS 199 targets off-site soil contamination as a result of RFP activities. The IHSS 199 Boundary, therefore, is delineated by the extent of off-site contamination. Past studies have focused almost exclusively o

Correspondence No. IHSS 199; SW-A-002435; RF/RMRS-97-073.UN; 97-DOE-0542; 01498-RF-97; 97-DOE-02487

IHSS : **199** Building No(s): **444** **771**

Author: **ENVIRONMENTAL RESTORATION PRGM**

Organization: **RFETS, ROCKY FLATS ENVIRONMENTAL TECHNOLOG**

Recipient: **DISTRIBUTION**

Organization: **NOT INDICATED**

Microfiche No.: N/A to N/A

Frames: N/A to N/A

Document No.: - - Date: 09/18/1996 Pages: 11

Rocky Mountain Remediation Services, L.L.C. (RMRS) transmits the Resource Conservation and Recovery Act (RCRA) Closure Plan for Building 776 Fluidized Bed Incinerator (FBI) Unit Oil Storage Raschig Ring for Tanks T1 and T2 dated September 1996. Also included are draft transmittal letters to US Department of Energy (DOE) and the Colorado Department of Public Health and Environment (CDPHE).

Correspondence No. 96-RM-TA-0173-KH; GRK-245-96

Author: Organization:
Recipient: Organization:
Building No(s): **701** **702**
Microfiche No.: N/A to N/A Frames: N/A to N/A

97

Appendix B RCRA Closure Summary for 776/777 Closure Project

Building 776/777 Closures

RCRA Unit No.	Unit Description	Regulatory Status	Closure Info	Closure Date
37	Low-Level Mixed Waste Baler	Existed, but never used; not subject to RCRA regulation	WITHDRAWN 4/12/95 (ref. 95-DOE-09335).	NA
44.01	Fluidized Bed Incinerator Oil Storage Tank T-2 (FBI-2)	Interim status unit - No longer subject to RCRA regulation	Closed by removal in accordance with the B776/777 DOP, set 62,on 1/29/00; packaged as LLM SCO in cargo container X17321. Secondary containment in Rm 134 west closed under the DOP, Set 82; CDPHE approval documented in Contact Record dated 11/23/04, contingent on management of concrete as LLW (AR Ref. B776-A-000226).	Tank 1/29/00 Containmt. 11/23/04
44.02	Fluidized Bed Incinerator Oil Storage Tank T-1 (FBI-1)	Interim status unit - No longer subject to RCRA regulation	Closed by removal in accordance with the B776/777 DOP, set 62,on 1/29/00; packaged as LLM SCO in cargo container X17321. Secondary containment in Rm 134 west closed under the DOP, Set 82; CDPHE approval documented in Contact Record dated 11/23/04, contingent on management of concrete as LLW (AR Ref. B776-A-000226).	Tank 1/29/00 Containmt. 11/23/04
49.01	Fluidized Bed Incinerator Unit (Production) Rm. 118	Interim status unit - No longer subject to RCRA regulation	Closed by removal in accordance with the 776/777 DOP, set 63, on 9/30/02. Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 07/28/04 contingent on management of concrete as LLW (AR Ref. B776-A-000200).	FBI - 9/30/2002 containmt - 7/28/04
49.02	Fluidized Bed Incinerator Unit (Pilot) Rm. 135	Interim status unit - No longer subject to RCRA regulation	Closed by removal in accordance with the B776/777 DOP, set 61, on 9/30/02. Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 07/28/04 contingent on management of concrete as LLW (AR Ref. B776-A-000200).	FBI - 9/30/2002 containmt - 7/28/04
49.02	Fluidized Bed Incinerator Unit (Pilot), Tanks T-1 and T-2	Interim status unit - No longer subject to RCRA regulation	Closed by removal in accordance with the B776/777 DOP Set 61, and Compliance Order on Consent #00-02-25-01, (3/29/00); packaged as LLM SCO in cargo container X19504. Secondary containment in Rm 154 closed under the DOP, set 82; CDPHE approval documented in contact record dated 12/16/04 contingent on management of concrete as LLW (AR Ref. B776-A-000231).	Tanks 3/29/00 Containmt. 12/16/04
52	Oil/Water	Not subject to RCRA	WITHDRAWN 11/13/92.	NA

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RCRA Unit No.	Unit Description	Regulatory Status	Closure Info	Closure Date
	Separator	regulation		
61	Size Reduction Vault (Container Storage)	Interim status unit - No longer subject to RCRA regulation	Closed using debris treatment (hydrolasing) in accordance with the B776/777 DOP, Set 82, in May 2004.	05/31/04
61	Size Reduction Vault (Miscellaneous Treatment Unit)	Interim status unit - No longer subject to RCRA regulation	Closed by removal in accordance with the B776/777 DOP, set 60.	9/30/02
74	Supercompaction and Repackaging Facility (SARF)	Interim status unit - No longer subject to RCRA regulation	Closed in accordance with the 776/777 DOP, set 64, using the debris rule in May 2002 and packaged as LLW.	5/15/02
75	TRU Waste Shredder	Never installed; never subject to RCRA regulation	Withdrawn	NA
90.108	Container Storage, Glove box in Rm. 154A	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 2/21/95 (ref. 95-DOE-09213).	NA
90.52	Container Storage, Dock 6	Loading docks are excluded from permitting; not subject to RCRA regulation	WITHDRAWN 10/26/94 (ref. 94-DOE-10453)	NA
90.85	Container Storage, Rm. 152	Mixed Residue Container Storage Vault	Secondary containment in Rm 152 closed under the DOP, set 82; CDPHE approval documented in contact record dated 11/15/04 contingent on management of concrete as LLW (AR Ref. B776-A-000218). Permission received from CDPHE to remove shelving without a minor modification to the DOP 6/20/00.	11/15/04
90.99	Container Storage, Rm. 127 Basement	Mixed Residue Container Storage Unit	Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 7/28/04 contingent on management of concrete as LLW (AR Ref. B776-A-000200).	7/28/04
94.001 94.002 94.003	Tank SR-3 Tank SR-4 Tank SR-5, Rm. 154	Mixed Residue Tanks; no longer subject to RCRA regulation	Tanks and some ancillary equipment closed by removal in January 2001 in accordance with the B776/777 DOP, set 55, and packaged as TRU waste. Remaining ancillary piping was closed by removal in June 2002 in accordance with B776/777 DOP, set 78. Secondary containment in Rm 154 closed under the DOP, set 82; CDPHE approval documented in contact record dated 12/16/04 contingent on management of concrete as LLW (AR Ref. B776-A-000231).	Tanks - 1/25/01 piping- 7/2/02 containmt. 12/16/04

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RCRA Unit No.	Unit Description	Regulatory Status	Closure Info	Closure Date
94.004	Tank T-1, Rm. 134	Never used for the storage of hazardous waste; never subject to RCRA regulation	Formerly part of the Supercompactor; tank has been removed.	NA
94.005	Tank T-344, Rm. 134	Mixed Residue Tank; no longer subject to RCRA regulation	Closed by removal in November 2002 in accordance with 776/777 DOP, set 66. Secondary containment was provided by a stainless steel catch pan that was closed under the debris rule at the time the tanks were closed.	11/7/02
94.006	Tank T-345, Rm. 134	Mixed Residue Tank; no longer subject to RCRA regulation	Closed by removal in October 2002 in accordance with 776/777 DOP, set 66. Secondary containment was provided by a stainless steel catch pan that was closed under the debris rule at the time the tanks were closed.	10/25/02
94.007 94.008	Tank T-360 Tank T-370, Rm. 134	Mixed Residue Tanks; no longer subject to RCRA regulation	Tanks and some ancillary equipment closed by removal in March 2001 in accordance with the B776/777 DOP, set 52. The tanks and ancillary piping were packaged as LLM waste in cargo container X19537. Filter Glove boxes 361 and 371 and the secondary containment metal berm were treated under the debris rule to a clean debris surface and closed by removal as LLW. Remaining ancillary piping removed in November 2003 under set 78 and packaged as LLM. Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 7/28/04 contingent on management of concrete as LLW (AR Ref. B776-A-000200).	Tanks-3/15/2001 piping-11/2003 containmt.7/28/04
94.009 94.010 94.011	Ball Mill Washer Collection Pan Annular Tank, Rm. 146	Mixed Residue Tanks; no longer subject to RCRA regulation	Closed by removal and managed as non-hazardous waste in accordance with B776/777 DOP, set 60.	9/30/02
776.1	Container Storage, Rm. 127 (Prev. Unit 90.66)	RCRA Permit; no longer subject to RCRA regulation	Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 7/28/04 contingent on management of concrete as LLW (AR Ref. B776-A-000200).	7/28/04
776.1	Container Storage, Rm. 208 (prev. Unit 27)	RCRA Permit; no longer subject to RCRA regulation	Permission received to remove metal berms under "debris rule" closure without a minor modification to the DOP 10/25/00. Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 11/24/04 contingent on management of concrete as LLW (AR Ref. B776-A-	11/24/04

RCRA Unit No.	Unit Description	Regulatory Status	Closure Info	Closure Date
			000225).	
776.1	Container Storage, Rm. 237 (prev. Unit 12)	RCRA Permit; no longer subject to RCRA regulation	Permission received to remove metal berms under "debris rule" closure without a minor modification to the DOP 10/25/00. Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 11/15/04 contingent on management of concrete as LLW (AR Ref. B776-A-000218).	11/15/04
776.1	Container Storage, Rm.134 (prev. Unit 11)	RCRA Permit; no longer subject to RCRA regulation	Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact records dated 7/28/04 (south half of Rm 134 by ASRF, AR Ref. B776-A-000200) and 11/23/04 (north half by SRV, AR Ref. B776-A-000226) .contingent on management of concrete as LLW.	South half by ASRF - 7/28/04 North half by SRV – 11/23/04
776.1	Container Storage, Rm 154 (prev. Unit 69)	RCRA Permit; no longer subject to RCRA regulation	Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 12/16/04 contingent on management of concrete as LLW (AR Ref. B776-A-000231).	12/16/04
776.1	Container Storage, Rm. 159	RCRA Permit; no longer subject to RCRA regulation	Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 11/15/04 contingent on management of concrete as LLW (AR Ref. B776-A-000218).	11/15/04
776.3	Advanced Size Reduction Facility, Rm. 134 (Prev. Unit 62)	RCRA Permit; no longer subject to RCRA regulation	GBs J-176, J-177, J-270, and J-341 treated under debris rule and closed by removal, October 2002. GBs J-340, J-357 treated under debris rule and closed by removal in December 2002. The stainless steel floor was cleaned and closed under the debris rule in March 2003.	GBs – 10/31/2002 and 12/31/2002. Floor - March 31, 2003
776.2A 776.2B 776.2C 776.2D	Tank Storage, Tank T-1A (40.72) Tank T-1B (40.73) Tank T-2A (40.70) Tank T-2B (40.71) Room 127	RCRA Permit; no longer subject to RCRA regulation	Tanks closed by removal in accordance with the B776/777 DOP and managed as non-hazardous low level waste - ref. Contact record from Carolyn Hicks to James Hindman dated 12/9/03 (AR Ref. B776-A-00163). Secondary containment liner in tank berm closed by debris rule/removal in Dec. 03. Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 7/28/04 contingent on management of concrete as LLW (AR Ref. B776-A-000200).	tanks - 12/15/03 containmt - 7/28/04
776.3	Mercury Amalgamation	RCRA Permit; no longer subject to RCRA	One time; 10/17/02 Contact Record btw C. Hicks and James Hindman that TRM	March, 312003

RCRA Unit No.	Unit Description	Regulatory Status	Closure Info	Closure Date
	under Unit 881.3B	regulation	mercury amalgamation will be conducted in the ASRF under procedure 00-707/776-009. ASRF has been closed by debris cleaning.	
S002	Oil Solidification Process	RCRA Permit; no longer subject to RCRA regulation	Bottled TRM oil was solidified in drums in Unit 776.1 Room 127, repack tent. Repack tent has been closed by removal.	Sept. 30,2003
90.130	Container Storage, Rm. 449	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 2/21/95 (ref. 95-DOE-09213).	NA
90.133	Container Storage, Rm. 447	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 2/21/95 (ref. 95-DOE-09213).	NA
90.134	Container Storage, Glove box in Rm. 430	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 10/26/94 (ref. 94-DOE-10453).	NA
90.135	Container Storage, Glove box in Rm. 463	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 10/26/94 (ref. 94-DOE-10453).	NA
90.136	Container Storage, Glove box in Rm. 437	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 2/21/95 (ref. 95-DOE-09213).	NA
90.137	Container Storage, Glove box in Rm. 415	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 10/26/94 (ref. 94-DOE-10453).	NA
90.46	Container Storage, Dock 2 (Rm. 480)	Loading docks are excluded from permitting; not subject to RCRA regulation	WITHDRAWN 10/26/94 (ref. 94-DOE-10453).	NA
90.47	Container Storage, Dock 3 (Rm. 479)	Loading docks are excluded from permitting; not subject to RCRA regulation	WITHDRAWN 10/26/94 (ref. 94-DOE-10453).	NA
90.48	Container Storage, Rm. 465	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 2/21/95 (ref. 95-DOE-09213).	NA
90.49	Container Storage, Glove box in Rm. 131	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 10/26/94 (ref. 94-DOE-10453).	NA
90.49	Container Storage, Rm. 131	Mixed Residue Container Storage Unit,	Secondary containment closed under the DOP, set 82; CDPHE approval	1/26/05

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RCRA Unit No.	Unit Description	Regulatory Status	Closure Info	Closure Date
		no longer subject to RCRA regulation	documented in contact record dated 1/26/05 contingent on management of concrete as LLW (AR Ref. B776-A-000253). (See DOP Mod 9, 10/1/02)	
90.50	Container Storage, Rm. 432	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 2/21/95 (ref. 95-DOE-09213).	NA
90.88	Container Storage, Rm. 478 (B-Vault)	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 10/26/94 (ref. 94-DOE-10453); used as an interim storage area for mixed residues (Unit 2501) from 12/17/98 through 9/25/00.	NA
90.89	Container Storage, Rm. 483A (C-Vault)	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 10/26/94 (ref. 94-DOE-10453).	NA
90.90	Container Storage, Rm. 416A Vault	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 10/26/94 (ref. 94-DOE-10453).	NA
95.001 95.002	Tank T-A1 Tank T-A2, Rm. 131	Mixed Residue Tanks; no longer subject to RCRA regulation	Tanks closed in accordance with the Mixed Residue Pencil Tank Closure Pilot Project #1 Closure Plan (9/26/95); Closure Certification signed 10/3/96 (ref. 96-DOE-03023, 11/12/96). Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 1/26/05 contingent on management of concrete as LLW (AR Ref. B776-A-000253).	Tanks-10/3/96 Containmt. 1/26/05
95.003 95.004 95.005	New Tank 1103 New Tank 1104 New Tank 1105, Rm. 131	Never installed; never subject to RCRA regulation	Withdrawn	NA
95.006	Tank 1103, Rm. 131	Mixed Residue Tank; no longer subject to RCRA regulation	Tank and some ancillary equipment closed by removal 8/7/00 in accordance with the B776/777 DOP set 7 and packaged as TRM waste in crates S00758, S00759, and S00780. Remaining ancillary piping was closed by removal in July 2002 in accordance with B776/777 DOP, set 78. Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 1/26/05 contingent on management of concrete as LLW (AR Ref. B776-A-000253).	Tank 8/7/00 piping 7/2/02 Containmt. 1/26/05
95.007	Tank 1104, Rm. 131	Mixed Residue Tank; no longer subject to RCRA regulation	Tank and some ancillary equipment closed by removal 7/26/00 in accordance with the B776/777 DOP set 7, packaged as TRM waste in crates S00676, S00692, and	Tank 7/26/00

103

RCRA Unit No.	Unit Description	Regulatory Status	Closure Info	Closure Date
			S00696. Remaining ancillary piping was closed by removal in July 2002 in accordance with B776/777 DOP, set 78. Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 1/26/05 contingent on management of concrete as LLW (AR Ref. B776-A-000253).	piping 7/2/02 Containmt. 1/26/05
95.008	Tank 1106, Rm. 131	Mixed Residue Tank; no longer subject to RCRA regulation	Tank and some ancillary equipment closed by removal 8/1/00 in accordance with the B776/777 DOP Set 7 and Compliance Order on Consent #00-02-25-01, packaged as TRM waste in crates S00778 and S00779. Remaining ancillary piping was closed by removal in July 2002 in accordance with B776/777 DOP, set 78. Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 1/26/05 contingent on management of concrete as LLW (AR Ref. B776-A-000253).	Tank 8/1/00 piping 7/2/02 Containmt. 1/26/05
95.009 95.010 95.011 95.012 95.013	Tank T-10 Tank T-11 Tank T-12 Tank T-5 Tank T-6 Rm. 134E	Mixed Residue Tanks; no longer subject to RCRA regulation	Tanks closed in accordance with the Mixed Residue Pencil Tank Closure Project #2 Closure Plan (5/29/97); Closure Certification signed 9/18/97 (ref. 97-DOE-05486, 9/30/97 and 97-DOE-05495, 10/15/97; it appears the same Closure Certification was transmitted to CDPHE twice). Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 11/15/04 contingent on management of concrete as LLW (AR Ref. B776-A-000218).	Tanks 9/18/97 Containmt. 11/15/04
95.014	Tank T-7, Rm. 134E	Mixed Residue Tank; no longer subject to RCRA regulation	Tank closed by removal in accordance with the B776/777 DOP Set 11, (4/4/00); packaged as TRM waste in drum DA8228. Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 11/15/04 contingent on management of concrete as LLW (AR Ref. B776-A-000218).	Tank 4/4/00 Containmt. 11/15/04
95.015	Holding Tank T-1, Rm. 430	Mixed Residue Tank; no longer subject to RCRA regulation	Tank closed by removal 6/27/00 in accordance with the B776/777 DOP Set 26 and Compliance Order on Consent #00-02-25-01. Tank packaged as TRM waste in standard waste boxes S00684 and S00685. Filter Glove box FL-1 was cleaned under the debris rule and closed by removal as non-hazardous LLW. Piping closed by removal with set 78 in July 2002.	Tank 6/27/00 piping 7/2/02 Containmt. 6/17/04

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RCRA Unit No.	Unit Description	Regulatory Status	Closure Info	Closure Date
			Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 6/17/04 contingent on management of concrete as LLW. . (AR Ref. No. B776-A-000190)	
95.016	Holding Tank T-2, Rm. 430	Mixed Residue Tank; no longer subject to RCRA regulation	Tank closed by removal in accordance with the B776/777 DOP Set 26, (7/12/00); packaged as TRM waste in standard waste boxes S00677 and S00679. Piping closed by removal with set 78 in July 2002. Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 6/17/04 contingent on management of concrete as LLW. . (AR Ref. No. B776-A-000190)	Tank 7/12/00 Piping 7/2/02 Containmt. 6/17/04
95.017 95.018	Tank T-3 Tank T-4 Rm. 430	Mixed Residue Tanks; no longer subject to RCRA regulation	Tanks closed in accordance with the Mixed Residue Pencil Tank Closure Pilot Project #1 Closure Plan (9/26/95); Closure Certification signed 10/3/96 (ref. 96-DOE-03023, 11/12/96). Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 6/17/04 contingent on management of concrete as LLW. . (AR Ref. No. B776-A-000190)	Tanks 10/3/96 Containmt. 6/17/04
95.019	Tank DL-776, Rm. 131	Mixed Residue Tank; no longer subject to RCRA regulation	Tank closed by removal in accordance with the B776/777 DOP Set 4 in August 2002. Secondary containment closed under the DOP, set 82; CDPHE approval documented in contact record dated 1/26/05 contingent on management of concrete as LLW (AR Ref. B776-A-000253).	Tank -Aug 31,2002 Containmt. 1/26/05
777.1	Container Storage, Rm. 427	RCRA Permit; no longer subject to RCRA regulation	Closed. RCRA administrative closure request submitted to CDPHE 7/30/01 (01-DOE-01421). Room was clean closed by documenting the absence of contamination in accordance with Section 4.5.1.1 of the DOP.	7/30/01
777.1	Container Storage, Rm. 208, Area 10 (Prev. Unit 90.69)	RCRA Permit; no longer subject to RCRA regulation	Closed under the B776/777 DOP, set 82; CDPHE approval documented in contact record dated 11/24/04 contingent on management of concrete as LLW. . (AR Ref. No. B776-A-000227)	11/15/04
777.1	Container Storage, Rm. 416	RCRA Permit; no longer subject to RCRA regulation	Closed. RCRA administrative closure request submitted to CDPHE 7/30/01 (01-DOE-01421). Room was clean closed by documenting the absence of contamination in accordance with Section 4.5.1.1 of the DOP.	7/30/01

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RCRA Unit No.	Unit Description	Regulatory Status	Closure Info	Closure Date
777.1	Container Storage, Rm. 416B	RCRA Permit; no longer subject to RCRA regulation	Closed. RCRA administrative closure request submitted to CDPHE 7/30/01 (01-DOE-01421). Room was clean closed by documenting the absence of contamination in accordance with Section 4.5.1.1 of the DOP.	7/30/01
777.1	Container Storage, Rm. 430, Area 2 (Prev. Unit 90.67)	RCRA Permit; no longer subject to RCRA regulation	Closed under the B776/777 DOP, set 82; CDPHE approval documented in contact record dated 6/17/04 contingent on management of concrete as LLW. (AR Ref. No. B776-A-000190)	6/17/04
777.1	Container Storage, Rm. 430, Area 3 (Prev. Unit 90.45)	RCRA Permit; no longer subject to RCRA regulation	Closed under the B776/777 DOP, set 82; CDPHE approval documented in contact record dated 6/17/04 contingent on management of concrete as LLW. . (AR Ref. No. B776-A-000190)	6/17/04
777.1	Container Storage, Rm. 432C (Prev. Unit 17)	RCRA Permit; no longer subject to RCRA regulation	Closed under debris rule 12/17/03 (stainless steel floor). Documented in work package T0098393-2334 and Contact Record dated 6/24/04 regarding disposition of Survey Units 16 and 40.	12/17/03
777.1	Container Storage, Rm. 433 (Prev. Unit 90.132)	RCRA Permit; no longer subject to RCRA regulation	Closed. RCRA administrative closure request submitted to CDPHE 7/30/01 (01-DOE-01421). Room was clean closed by documenting the absence of contamination in accordance with Section 4.5.1.1 of the DOP.	7/30/01
777.1	Container Storage, Rm. 442 (Prev. Unit 90.131)	RCRA Permit; no longer subject to RCRA regulation	Closed. RCRA administrative closure request submitted to CDPHE 7/30/01 (01-DOE-01421). Room was clean closed by documenting the absence of contamination in accordance with Section 4.5.1.1 of the DOP.	7/30/01
777.1	Container Storage, Rm. 462 (Prev. Unit 90.87)	RCRA Permit; no longer subject to RCRA regulation	Closed under the B776/777 DOP, set 82; CDPHE approval documented in contact record dated 2/4/04 contingent on management of concrete as LLW. . (AR Ref. No. B776-A-000167)	2/4/04
777.1	Container Storage, Rm. 477	RCRA Permit; no longer subject to RCRA regulation	Closed. RCRA Administrative Closure for Unit 777.1 Room 477 approved by CDPHE by letter from Steven Gunderson to Joseph Legare (00172-RF-04) dated 04/02/04 (AR Ref. B776-A-00172).	4/2/04
777.1	Container Storage, Rm. 483, Area 8 (Prev. Unit 90.68)	RCRA Permit; no longer subject to RCRA regulation	Closed under the B776/777 DOP, set 82; CDPHE approval documented in contact record dated 2/4/04 contingent on management of concrete as LLW. . (AR Ref. No. B776-A-000167)	2/4/04
777.1	Vault Container Storage, Rm. 443, (Prev. Unit	RCRA Permit; no longer subject to RCRA regulation	Closed under the B776/777 DOP, set 82; CDPHE approval documented in contact record dated 9/15/03 contingent on	09/15/03

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RCRA Unit No.	Unit Description	Regulatory Status	Closure Info	Closure Date
	90.132)		management of concrete as LLW.	
777.1	Vault Container Storage, Rm. 448 (Non-Destructive Testing [NDT] Vault), (Prev. Unit 90.86)	RCRA Permit; no longer subject to RCRA regulation	Closed under the B776/777 DOP, set 82; CDPHE approval documented in contact record dated 9/15/03 contingent on management of concrete as LLW.	09/15/03
N/A N/A	Tank T-8 Tank T-9 Rm. 134E	Mixed Residue Tanks; no longer subject to RCRA regulation	Closed in accordance with the Mixed Residue Pencil Tank Closure Project #2 Closure Plan (5/29/97); Closure Certification signed 9/18/97 (ref. 97-DOE-05486, 9/30/97 and 97-DOE-05495, 10/15/97; it appears the same Closure Certification was transmitted to CDPHE twice). Secondary containment closed under the B776/777 DOP, set 82; CDPHE approval documented in contact record dated 11/15/04 contingent on management of concrete as LLW (AR Ref. B776-A-000218).	Tanks 9/18/97 Containmt 11/15/04
N/A	Tank V-022, Rm. 452	Mixed Residue Tank; no longer subject to RCRA regulation	Tank closed by removal in accordance with the B776/ 777 DOP, set 34, on 4/4/01; packaged as TRM waste. Secondary containment closed under the B776/777 DOP, set 82; CDPHE approval documented in contact record dated 2/4/04 contingent on management of concrete as LLW. . (AR Ref. No. B776-A-000167)	Tank - 4/4/01 Containmt. 2/4/04
N/A	Tank V-543, Rm. 452	Mixed Residue Tank; no longer subject to RCRA regulation	Tank closed by removal in accordance with the B776/ 777 DOP, set 36, in January 2002; packaged as TRM waste. Secondary containment closed under the B776/777 DOP, set 82; CDPHE approval documented in contact record dated 2/4/04 contingent on management of concrete as LLW. . (AR Ref. No. B776-A-000167)	Tank – 01/31/02 Containmt. 2/4/04
N/A	Tank V-605, Rm. 131	Mixed Residue Tank; no longer subject to RCRA regulation	Tank closed by removal in accordance with the B776/ 777 DOP, set 4, in July 2002; packaged as TRM waste. Secondary containment closed under the B776/777 DOP, set 82; CDPHE approval documented in contact record dated 1/26/05 contingent on management of concrete as LLW (AR Ref. B776-A-000253).	Tank – 07/31/02 Containmt. 1/26/05
N/A N/A N/A N/A	Tank V-614 Tank V-616 Tank V-618 Tank V-620 Rm. 131	Mixed Residue Tanks; no longer subject to RCRA regulation	Tanks closed by removal in accordance with the B776/ 777 DOP, set 5, on 4/25/02; packaged as TRM waste. Secondary containment closed under the B776/777 DOP, set 82; CDPHE approval documented in contact record dated 1/26/05 contingent on management of concrete as LLW (AR Ref. B776-A-	Tanks - 4/25/02 Containmt. 1/26/05

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RCRA Unit No.	Unit Description	Regulatory Status	Closure Info	Closure Date
			000253).	
N/A N/A	Tank V-626 Tank V-627 Rm. 131	Mixed Residue Tanks; no longer subject to RCRA regulation	Tanks closed by removal in accordance with the B776/ 777 DOP, set 6, on 8/21/01; packaged as TRM waste. Secondary containment closed under the B776/777 DOP, set 82; CDPHE approval documented in contact record dated 1/26/05 contingent on management of concrete as LLW (AR Ref. B776-A-000253).	Tanks - 8/21/01 Containmt. 1/26/05
N/A N/A N/A N/A N/A	Tank V-746 Tank V-747 Tank V-747A Tank V-748 Tank V-749 Rm. 134E	Mixed Residue Tanks; no longer subject to RCRA regulation	Tanks closed by removal in accordance with the B776/ 777 DOP, set 11, on 2/3/02; packaged as TRM waste. Secondary containment closed under the B776/777 DOP, set 82; CDPHE approval documented in contact record dated 11/15/04 contingent on management of concrete as LLW (AR Ref. B776-A-000218).	Tanks - 2/3/02 Containmt. 11/15/04
N/A	Tank V-752, Rm. 134E	Mixed Residue Tank; no longer subject to RCRA regulation	Tank closed by removal in accordance with the B776/ 777 DOP, set 10, on 11/15/01; packaged as TRM waste. Secondary containment closed under the B776/777 DOP, set 82; CDPHE approval documented in contact record dated 11/15/04 contingent on management of concrete as LLW (AR Ref. B776-A-000218).	Tank - 11/15/01 Containmt. 11/15/04

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Appendix C Contact Records

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time: November 17, 2004

Site Contact(s): Dyan Foss
Phone: (303) 994-0325

Regulatory Contact: Edd Kray
Phone: (303) 994-3441

Agency: CDPHE

Purpose of Contact: Disposition of Second Floor Survey units 35, 36, 37, and 41

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Second floor Survey units 35, 36, 37, and 41 for demolition. Survey Unit 35 consists of the southeast corner of Room 208. Survey unit 36 consists of the north east corner of Room 208 and Room 223. Survey unit 37 consists of a portion of Room 208, Rooms 235, 235A, and 236, and PL-251. Survey unit 41 consists of the second floor mezzanine.

The preparation process for Survey unit 35 was initiated March 11, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort:

- Concrete shaving was performed on all floor surfaces that averaged over 59,000 dpm/100 cm^2 in an area larger than one square meter.
- Electrical equipment was moved.

The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 35. The following summarizes the non-radiological activities:

- Room 208 contained a permitted RCRA container storage unit called "Room 208 Area 10" that was part of Unit 777.1. Closure of this unit was approved on November 15, 2004 in a Contact Record between C. Hicks and H. Ainscough. This RCRA unit was partly in Survey Unit 35 and partly in Survey Unit 36.

- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. Survey Unit 35 is located in the southeast corner of room 208 on the second floor of building 776. Room 208 was listed on the historical list of rooms. The historical record indicates that the plenum systems in room 208 were potentially internally beryllium contaminated. The final beryllium surveys for this area were collected on October 23, 2004. All samples collected were below the reporting limit of 0.1 ug/100 cm^2.
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

The preparation process for Survey unit 36 was initiated March 12, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort:

- Concrete shaving was performed on floor surfaces.

The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 36. The following summarizes the non-radiological activities:

- Room 208 Area 10, a RCRA container storage area in Unit 777.1, was closed on November 15, 2004, as described above for survey unit 35.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. Survey Unit 36 comprises the northeast corner of the second floor of 776 and includes all or portions of rooms 208, 222, and 223. Only room 208 was listed on the historical list of rooms with potential beryllium contamination. Room 208 was on the historical list because the internals to the plenum systems were presumed to be beryllium contaminated. Since the baseline survey, the rooms have been stripped of all equipment and decontaminated for beryllium. Prior to final encapsulation the room was again surveyed. Ten samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples collected were below the reporting limit of 0.1 ug/100 cm^2.
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

The preparation process for Survey unit 37 was initiated August 13, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort:

- Decontamination of contaminated seam along north wall
- Investigation of elevated readings on wall and around penetration

The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 37. The following summarizes the non-radiological activities:

- There were no RCRA units associated with survey unit 37.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. Survey Unit 37 comprises the northeast corner of the second floor of 776 and include all or portions of rooms 208, 253, 235A, 236, and 239. Only room 208 was listed on the historical list of rooms with potential beryllium contamination. Room 208 was on the historical list because the internals to the plenum systems were presumed to be beryllium contaminated. Since the baseline survey, the rooms have been stripped of all equipment and decontaminated for beryllium. Prior to final encapsulation the room was again surveyed. Ten samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples collected were below the reporting limit of 0.1 ug/100 cm^2.
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

The preparation process for Survey unit 41 was initiated August 3, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, it was determined that further actions in this survey unity were required. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 41. The following summarizes the non-radiological activities:

- There were no RCRA units associated with Survey Unit 41.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. Survey Unit 41 is located on the old roof area of the east end of the second floor of building 776. This area was not listed on the historical list of rooms. The KH baseline characterization of 1999 indicated no removable beryllium contamination in this survey unit. Since the baseline survey, the rooms have been stripped of all equipment to be removed prior to demolition. The final beryllium surveys for this area was collected on October 16, 2004. All samples collected were below the reporting limit of 0.1 ug/100 cm^2.
- Since no removable beryllium was detected prior to encapsulation, no further sampling is required.
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that

would be gained through additional decontamination. The state project representative agrees that decontamination inside Survey units 35, 36, and 37 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate. It was determined and agreed to by CDPHE that no encapsulation would be required in Survey unit 41.

In summary, ALARA-based decontamination has been completed, Survey units 35, 36, and 37 will be encapsulated, and all subject survey units will be surveyed for removable contamination and controls applied during demolition. This contact record will be included as an appendix to the characterization report for Survey units 35, 36, 37, and 41 and placed in the demolition file to ensure the controls and requirements are included in the demolition work packages for these survey units.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
D. Shelton, K-H ESS
C. Zahm, K-H Legal

Additional Distribution:

Terry Vaughn
David Del Vecchio
Gary Schuetz
Bruce Wallin
Howard Druckman
Victoria Wren
Carolyn Hicks

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time:	November 17, 2004
Site Contact(s):	Dyan Foss
Phone:	(303) 994-0325
Regulatory Contact:	Edd Kray
Phone:	(303) 994-3441
Agency:	CDPHE

Purpose of Contact: Disposition of Area 5 Survey Units 5 and 10

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Area 5 Survey units 5 and 10 for demolition. Survey Unit 5 consisted of rooms 146, 146A and 146B. Survey Unit 10 consisted of the Room 127 basement (Room 001), and stairwell into the basement.

Area 5, like Area 3, had been substantially impacted by the fire, and it was anticipated that the remediation would be more difficult and decontamination results less effective. Survey unit 5, the Size Reduction Vault, was aggressively decontaminated through hydrolasing; however, the radiological levels in the survey unit were not substantially reduced. As a result, the walls and floor of this survey unit were removed through mechanical means, and there is not in process or final survey data to report. The soil under the unit is contaminated and will be marked for evaluation by Environmental Restoration during demolition and slab removal.

The size reduction vault was a RCRA interim status storage and treatment unit, unit 61. It also contained mixed residue tanks (Units 94.009 – 94.011). The tanks were closed by removal, and the secondary containment was closed through the debris rule when the area was hydrolased. The water associated with the hydrolasing was dispositioned as low level mixed waste.

The preparation process for Survey unit 10 was initiated May 3, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort:

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- Concrete shaving was performed on floor surfaces and stairway landing; manual chipping was used to remove hot spots.
- Specific bolts in the floor were removed.
- Specific kick plates on the stairs were remediated.
- The sump in the northwest corner of the basement was remediated through shaving

The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey Unit 10. The following summarizes the non-radiological activities:

- Survey Unit 10 contained RCRA unit 90.99, a mixed residue container storage unit that was closed July 28, 2004 through rinsing and negotiation with CDPHE.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. Survey Unit 10 covers the basement beneath the northeast corner of Room 127. Room 127, including the basement, was never listed on the historical list of rooms. The historical record indicates that T tanks located in room 127 were potentially beryllium contaminated internally. The final beryllium surveys for this area was collected on October 25, 2004. All samples collected were below the reporting limit of 0.1 ug/100 cm^2.
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside Survey unit 10 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate.

In summary, ALARA-based decontamination has been completed, Survey unit 10 will be encapsulated and surveyed for removable contamination, and controls will be applied during demolition. This contact record will be included as an appendix to the characterization report for Survey unit 10 and placed in the demolition file to ensure the controls and requirements are included in the demolition work packages for these survey units.

Contact Record Prepared By: Dyan Foss

Required Distribution:		Additional Distribution:
M. Aguilar, USEPA	R. Leitner, K-H 371/374	Terry Vaughn
S. Bell, DOE-RFPO	J. Mead, K-H ESS	David Del Vecchio

B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
D. Shelton, K-H ESS
C. Zahm, K-H Legal
Gary Schuetz
Bruce Wallin
Howard Druckman
Victoria Wren
Carolyn Hicks

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time: November 29, 2004

Site Contact(s): Dyan Foss
Phone: (303) 994-0325

Regulatory Contact: Edd Kray
Phone: (303) 994-3441

Agency: CDPHE

Purpose of Contact: Disposition of Second Floor Survey Unit 31

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and dose and risk to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare the Second floor Survey unit 31 for demolition. Survey Unit 31 consists of the northwest portion of Room 208 and Room 221.

The preparation process for Survey unit 31 was initiated July 20, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort:

- Concrete shaving was performed on floor surfaces.
- Expansion joints and cracks in the floor were remediated, as necessary.

The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 31. The following summarizes the non-radiological activities:

- Room 208 contained a permitted RCRA container storage area that was part of Unit 776.1. Closure of this area was approved by Harlen Ainscough and documented in a Contact Record dated November 24, 2004.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. Survey Unit 31 included all or portions of rooms 208 and 221 on the second floor of Building

776. Room 208 was listed on the historical list of rooms. The historical record indicates that the plenum systems in room 208 were potentially internally beryllium contaminated. The final beryllium surveys for this area were collected on October 23, 2004. All samples collected were below the reporting limit of 0.1 ug/100 cm^2.

- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside Survey unit 31 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate.

In summary, ALARA-based decontamination has been completed, Survey unit 31 will be encapsulated and surveyed for removable contamination, and controls will be applied during demolition. This contact record will be included as an appendix to the characterization report for Survey unit 31 and placed in the demolition file to ensure the controls and requirements are included in the demolition work packages for these survey units.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
D. Shelton, K-H ESS
C. Zahm, K-H Legal

Additional Distribution:

Terry Vaughn
David Del Vecchio
Gary Schuetz
Bruce Wallin
Howard Druckman
Victoria Wren
Carolyn Hicks

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time: December 13, 2004

Site Contact(s): Dyan Foss
Phone: (303) 994-0325

Regulatory Contact: Edd Kray
Phone: (303) 994-3441

Agency: CDPHE

Purpose of Contact: Disposition of Second Floor Survey Unit 27

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and dose and risk to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare the Second floor Survey unit 27 for demolition. Survey Unit 27 consists of Rooms 237, 237B, 237C, 237D, and 238.

The preparation process for Survey unit 27 was initiated June 28, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort:

- Concrete shaving was performed on floor surfaces.
- Expansion joints, cracks, and bolts in the floor were remediated, as necessary.

The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 27. The following summarizes the non-radiological activities:

- Room 237 on the second floor of Building 776 contained a permitted RCRA container storage area, Unit 776.1. This area was washed and rinsed for RCRA closure. Closure of this area was approved by Harlen Ainscough and documented in a Contact Record dated November 15, 2004.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. None of the rooms in Survey Unit 27 were listed on the historical list of rooms with potential beryllium contamination. The baseline beryllium characterization of these rooms conducted

by KH in 1999 found no removable beryllium contamination. Prior to final encapsulation the room was again surveyed. Twenty (20) samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm^2.

- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside Survey unit 27 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate.

In summary, ALARA-based decontamination has been completed, Survey unit 27 will be encapsulated and surveyed for removable contamination, and controls will be applied during demolition. This contact record will be included as an appendix to the characterization report for Survey unit 27 and placed in the demolition file to ensure the controls and requirements are included in the demolition work packages for these survey units.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
D. Shelton, K-H ESS
C. Zahm, K-H Legal

Additional Distribution:

Terry Vaughn
David Del Vecchio
Gary Schuetz
Bruce Wallin
Howard Druckman
Victoria Wren
Carolyn Hicks

115

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time:	December 9, 2004
Site Contact(s):	Dyan Foss
Phone:	(303) 994-0325
Regulatory Contact:	Edd Kray
Phone:	(303) 994-3441
Agency:	CDPHE

Purpose of Contact: Disposition of Area 5 Survey Units 12 and 43

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Area 5 Survey units 12 and 43 for demolition. Survey unit 12 consisted of rooms 134, 135, and 140. Survey unit 43 consisted of the east most portion of room 134.

The preparation process for Survey unit 12 was initiated March 6, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort:

- Concrete shaving was performed on floor surfaces and stairway landing; manual chipping was used to remove hot spots.
- Expansion joints were remediated by manual chipping.
- Portions of contaminated masonry walls were removed around the plenum penetrations.

The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 12. The following summarizes the non-radiological activities:

- Survey unit 12 contained a number of RCRA units, all of which have been closed. Room 134 was a RCRA permitted container storage area in Unit 776.1. This room also provided secondary containment for mixed residue tanks T-360 and T-370 (Units 94.007, 94.008) and ancillary piping. The tank systems were closed by

removal, and the secondary containment was closed by the rinsate method as documented in a contact record with Harlen Ainscough dated 7/28/04. Room 134 also contained the Supercompactor, RCRA interim status unit 74, which was closed by removal. Room 135 contained the pilot Fluidized Bed Incinerator, RCRA interim status unit 49.02. The equipment was closed by removal, and the secondary containment was closed by the rinsate method as documented in a contact record with Harlen Ainscough dated 7/28/04.

- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. This survey unit comprises the west end of room 134 and all or portions of rooms 130, 130A, 135, and 140. The Advanced Size Reduction Facility (ASRF) is located in room 134, which is addressed in survey unit 1. The location of the ASRF was listed on the historical list of rooms with potential beryllium contamination. The baseline beryllium characterization of the rooms in this survey unit, conducted by KH in 1999, found no removable beryllium contamination. Prior to final encapsulation the room was again surveyed. Twenty five (25) samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm^2.
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

The preparation process for Survey unit 43 was initiated June 8, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort:

- Performing decontamination (wiping) on the stainless steel floor and walls

The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 43. The following summarizes the non-radiological activities:

- Survey unit 43 contained a portion of the Advanced Size Reduction Facility, RCRA permitted storage unit 776.1 and treatment unit 776.3. The stainless steel floor was closed under the debris rule and documented in the IWCP work package for Set 66.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. This survey unit included the Manual Disassembly Area (MDA) and Transfer Area (TA) associated with the Advance Size Reduction Facility (ASRF). The baseline beryllium characterization of the rooms in this survey unit, conducted by KH in 1999, found no removable beryllium contamination. Prior to final encapsulation the room was again surveyed. Twenty-four (24) samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm^2.

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- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside Survey units 12 and 43 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate.

In summary, ALARA-based decontamination has been completed, Survey units 12 and 43 will be encapsulated and surveyed for removable contamination, and controls will be applied during demolition. There are several areas within Area 5, which included these survey units that will be marked for additional controls during demolition. The following areas will require additional controls during demolition:

- Top of the South wall in Room 134
- All of survey unit 43

The controls for these areas may include any combination of the following:

- All areas will be painted orange, or some other bright color, to make the area readily identifiable during demolition.
- If structurally feasible, up to 50% of the walls will be removed while the building structure is still intact.
- A spray header will be used to wet the internals of the concrete block prior to demolition of the wall.
- Special briefings will be held with equipment operators and dust control and waste crews prior to initiating demolition of these areas.
- Measures will be taken to minimize the stockpiling of the debris associated with this activity.

This contact record will be included as an appendix to the characterization report for Survey units 12 and 43 and placed in the demolition file to ensure the controls and requirements are included in the demolition work packages for these survey units.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
D. Shelton, K-H ESS
C. Zahm, K-H Legal

Additional Distribution:

Terry Vaughn
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Howard Druckman
Victoria Wren
Carolyn Hicks

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time:	December 28, 2004 / 9:00 A.M.
Site Contact(s):	Bob Cathel
Phone:	(303) 994-3579
Regulatory Contact:	Edd Kray
Phone:	(303) 994-3441
Agency:	CDPHE

Purpose of Contact: Disposition of B776/777 Survey Units 29 & 30

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and dose and risk to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare the Second floor Survey Units 29 and 30 for demolition. Survey Unit 29 consists of rooms 225, 227 (south half) and 228. Survey Unit 30 consists of rooms 201, 206, 207, 213, 220, 226 and 227 (north half).

The preparation process for Survey unit 29 was initiated June 30, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort:

- Concrete shaving was performed on floor and wall surfaces.
- Expansion joints and cracks in the floor were remediated, as necessary.
- Ceiling panels were remediated, as necessary.

The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 29. The following summarizes the non-radiological activities:

- Chemicals and hazardous substances have been removed
- Only room 227 in Survey Unit 29 was listed on the historical list of rooms with potential beryllium contamination. Room 227 was on the historical list because

the internals to the plenum systems were presumed to be beryllium contaminated. The baseline beryllium characterization of these rooms conducted by KH in 1999 found no removable beryllium contamination. Subsequent surveys following equipment removal have found no removable beryllium present in this survey unit. Prior to final encapsulation the room was again surveyed. Eighteen (18) samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm2. Since no removable beryllium was detected prior to encapsulation, no further sampling is required.

- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.
- No RCRA units requiring closure were associated with this survey unit.

The preparation process for Survey unit 30 was initiated July 14, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort:

- Concrete shaving was performed on floor surfaces.
- Expansion joints and cracks in the floor were remediated, as necessary.
- Ceiling panels were remediated, as necessary.

The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 30. The following summarizes the non-radiological activities:

- Chemicals and hazardous substances have been removed
- Only room 227 in Survey Unit 30 was listed on the historical list of rooms with potential beryllium contamination. Room 227 was on the historical list because the internals to the plenum systems were presumed to be beryllium contaminated. The baseline beryllium characterization of these rooms conducted by KH in 1999 found no removable beryllium contamination. Subsequent surveys following equipment removal have found no removable beryllium present in this survey unit. Prior to final encapsulation the room was again surveyed. Twenty-two (22) samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm2. Since no removable beryllium was detected prior to encapsulation, no further sampling is required.
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside Survey Units 29 and 30 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate.

In summary, ALARA-based decontamination has been completed, Survey Units 29 and 30 will be encapsulated and surveyed for removable contamination, and controls will be applied during demolition. This contact record will be included as an appendix to the characterization report for Survey Units 29 and 30 and placed in the demolition file to ensure the controls and requirements are included in the demolition work packages for these survey units.

Contact Record Prepared By: Bob Cathel

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
D. Shelton, K-H ESS
C. Zahm, K-H Legal

Additional Distribution:

Terry Vaughn, K-H
David Del Vecchio, K-H
Gary Schuetz, DOE-RFPO
Bruce Wallin, DOE-RFPO
Howard Druckman, α-Group
Victoria Wren, K-H
Carolyn Hicks, Stoller

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time: January 7, 2005

Site Contact(s): Dyan Foss
Phone: (303) 994-0325

Regulatory Contact: Edd Kray
Phone: (303) 994-3441

Agency: CDPHE

Purpose of Contact: Disposition of Building 776 second floor Survey Unit 32

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare second floor Survey Unit 32 for demolition. Survey Unit 32 includes all or portions of Rooms 208, 209, 217, and 218.

The preparation process for Survey Unit 32 was initiated July 13, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort:

- Floor locations that average more than 100,000 dpm/100cm^2 were shaved.
- Cracks and floor seams were remediated.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey Unit 32. The following summarizes the non-radiological activities:

- There were no RCRA units associated with Survey Unit 32.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. Only room 208 was listed on the historical list of rooms with potential beryllium contamination in Survey Unit 32. Room 208 was on the historical list because the internals to the plenum systems were presumed to be beryllium contaminated. Since the baseline survey, the rooms have been stripped of all equipment and decontaminated for beryllium. Prior to final encapsulation the room was again surveyed, and all samples collected were below the reporting limit of 0.1 ug/100 cm^2.

- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

Survey Unit 32 was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and walk downs of the areas were conducted.

In summary, ALARA-based decontamination has been completed, Survey Unit 32 will be encapsulated and surveyed for removable contamination and controls applied during demolition. There is one area within Survey Unit 32 that will be marked for additional controls during demolition. This area is the stairs leading to the first floor, marked Room 217. Additional controls for demolition of the stairs will be determined in consultation with the CDPHE. The controls for this area may include any combination of the following:

- Area will be painted orange, or some other bright color, to make the area readily identifiable during demolition.
- Special briefings will be held with equipment operators and dust control and waste crews prior to initiating demolition of these areas.
- Measures will be taken to minimize the stockpiling of the debris associated with this activity.
- As identified, additional controls for demolition of the stairs will be determined in consultation with the CDPHE.

This contact record will be included as an appendix to the characterization report for Survey Unit 32 and placed in the demolition file to ensure the controls and requirements are included in the demolition work package.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 321/324
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
D. Shelton, K-H ESS
C. Zahm, K-H Legal

Additional Distribution:

Terry Vaughn
David Del Vecchio
Gary Schuetz
Bruce Wallin
Howard Druckman
Victoria Wren
Carolyn Hicks

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time:	January 13, 2005
Site Contact(s):	Dyan Foss
Phone:	(303) 994-0325
Regulatory Contact:	Edd Kray
Phone:	(303) 994-3441
Agency:	CDPHE

Purpose of Contact: Disposition of Area 6 Survey unit 4

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Area 6 Survey unit 4 for demolition. Survey unit 4 consisted of rooms 152, 154A, and 154B.

The preparation process for survey unit 4 was initiated April 4, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort:

- Concrete shaving was performed on floor surfaces; manual chipping was used to remove hot spots.
- Portions of contaminated masonry walls were removed.

The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in survey unit 4. The following summarizes the non-radiological activities:

- Room 152 was a mixed residue container storage vault (RCRA unit 90.85). The unit was closed by the rinsate method as documented in a contact record with Harlen Ainscough dated 11/15/04.
- Chemicals and hazardous substances have been removed.
- Survey unit 4 comprises rooms 152, 154A, and 154B; none of these rooms were listed on the historical list of rooms with potential beryllium contamination. The

baseline beryllium characterization of these rooms conducted by KH in 1999 found no removable beryllium contamination. Subsequent surveys following equipment removal have found no removable beryllium present in this survey unit. Prior to final encapsulation, twenty-seven (27) samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm^2.

- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination in Survey unit 4 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate.

In summary, ALARA-based decontamination has been completed, Survey unit 4 will be encapsulated and surveyed for removable contamination, and controls will be applied during demolition. This contact record will be included in the demolition work packages for this survey unit.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
D. Shelton, K-H ESS
C. Zahm, K-H Legal

Additional Distribution:

Terry Vaughn
David Del Vecchio
Gary Schuetz
Bruce Wallin
Howard Druckman
Victoria Wren
Carolyn Hicks

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time: January 13, 2005

Site Contact(s): Dyan Foss
Phone: (303) 994-0325

Regulatory Contact: Edd Kray
Phone: (303) 994-3441

Agency: CDPHE

Purpose of Contact: Disposition of Area 5 Survey unit 13

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Area 5 Survey unit 13 for demolition. Survey unit 13 consisted of rooms 132, 133, 134E and 137B.

The preparation process for survey unit 13 was initiated October 14, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort:

- Concrete shaving was performed on floor surfaces; manual chipping was used to remove hot spots.
- Portions of the floor were removed.
- An area on the ceiling was remediated.
- Steel plates were removed to allow access to the sheep dips
- Walls were decontaminated or removed as necessary

The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in survey unit 13. The following summarizes the non-radiological activities:

- Room 134 East provided secondary containment for mixed residue tanks and piping associated with RCRA units 95.006 – 95.014, 776.2, and six vacuum accumulator tanks with no unit numbers. Only the portions of the floor under the tanks and piping were

washed and rinsed. The unit was closed by the rinsate method as documented in a contact record with Harlen Ainscough dated 11/15/04.

- Chemicals and hazardous substances have been removed.
- Survey unit 13 includes rooms 132, 133, and 134E; Room 134E was listed on the historical list of rooms. The historical record indicates that beryllium parts were used inside gloveboxes in this room. The KH baseline characterization of 1999 indicated no removable beryllium contamination in this survey unit. Since the baseline survey, the rooms have been stripped of all equipment. The final beryllium surveys for this area was collected on December 2, 2004. Sixteen (16) samples were collected on horizontal surface from floor to ceiling and below the reporting limit of 0.1 ug/100 cm^2.
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

Since the floor was removed and the exposed soil has radiological contamination, the soil will be treated with an encapsulant, such as soil cement and rubble will be placed over the soil to limit the potential for dispersion during demolition activities. The area will be noted on project maps, and activities in this area will be coordinated with Environmental Restoration personnel.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside Survey unit 13 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate.

In summary, ALARA-based decontamination has been completed, Survey unit 13 will be encapsulated and surveyed for removable contamination, and controls will be applied during demolition. This contact record will be included in the demolition file to ensure the controls and requirements are included in the demolition work packages for this survey unit.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
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S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
D. Shelton, K-H ESS
C. Zahm, K-H Legal

Additional Distribution:

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Howard Druckman
Victoria Wren
Carolyn Hicks

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time: January 17, 2005

Site Contact(s): Dyan Foss
Phone: (303) 994-0325

Regulatory Contact: Edd Kray
Phone: (303) 994-3441

Agency: CDPHE

Purpose of Contact: Disposition of Area 7 Survey unit 7

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Area 7 survey unit 7 for demolition. Survey unit 7 consists of the administrative area on the south side of building 776 and includes rooms 103 through 121.

The preparation process for Survey unit 7 was initiated December 11, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, it was determined that the in process and final surveys could be combined and the CDPHE representative concurred with this approach.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 7. The following summarizes the non-radiological activities:

- There are no RCRA units associated with survey unit 7.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. Survey unit 7 comprises the administrative area on the south side of building 776. These rooms were never listed on the historical list of rooms with potential beryllium contamination. The KH baseline characterization of 1999 indicated no removable beryllium contamination in this survey unit. Since the baseline survey, the rooms have been stripped of all equipment to be removed prior to demolition. Prior to final encapsulation the room was again surveyed. Twenty-five (25) samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm^2.
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.

- Asbestos has been abated.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside survey unit 7 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate.

In summary, ALARA-based decontamination has been completed, Survey unit 7 will be encapsulated, surveyed for removable contamination, and controls applied during demolition. This contact record will be placed in the demolition file for this survey unit.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
D. Shelton, K-H ESS
C. Zahm, K-H Legal

Additional Distribution:

Terry Vaughn
David Del Vecchio
Gary Schuetz
Bruce Wallin
Howard Druckman
Victoria Wren
Carolyn Hicks

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time: January 20, 2005

Site Contact(s): Terry Vaughn, Dyan Foss
Phone: (303) 994-1267, 994-0325

Regulatory Contact: Edd Kray
Phone: (303) 994-3441

Agency: CDPHE

Purpose of Contact: Disposition of Area VI Survey unit 2

Discussion:
In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Area VI survey unit 2 for demolition. Survey unit 2 includes rooms 156, 157, 158, 159, 159A-C, and Dock 5.

The preparation process for Survey unit 2 was initiated June 2, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort:

- Concrete shaving was performed on floor surfaces as necessary; manual chipping was used to remove hot spots.
- Expansion joints were remediated by manual chipping as necessary

The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 2. The following summarizes the non-radiological activities:

- Room 159 was part of permitted RCRA container storage Unit 776.1. The floor was washed and rinsed, and the rinsate results obtained CDPHE concurrence, which was documented in a contact record dated November 15, 2004.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. None of the rooms in survey unit 2 were listed on the historical list of rooms with potential beryllium

contamination. The baseline beryllium characterization and surveys following equipment removal found no removable beryllium contamination in these rooms. Prior to final encapsulation, eighteen (18) samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm2.

- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated, with the exception of asbestos in the soil in the concrete chase beneath the floor of Room 158 (see discussion below).

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside survey unit 2 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate.

In summary, ALARA-based decontamination has been completed, Survey unit 2 will be encapsulated, surveyed for removable contamination, and controls applied during demolition. This contact record will be placed in the demolition file for this survey unit.

There is a concrete chase under room 158. The soil in this chase requires remediation for both radiological contamination and asbestos. The concrete over the chase will be painted orange to mark the area and ensure that the slab is not broken up until Environmental Remediation is ready to remove the soil. This area will also be annotated on building maps and discussed during the appropriate demolition pre-evolution briefings to ensure that the area is not disturbed.

Contact Record Prepared by: Carolyn Hicks

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
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Additional Distribution:

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Howard Druckman
Victoria Wren
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Annette Primrose

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time:	January 19, 2005
Site Contact(s):	Dyan Foss
Phone:	(303) 994-0325
Regulatory Contact:	Edd Kray
Phone:	(303) 994-3441
Agency:	CDPHE

Purpose of Contact: Disposition of Second Floor Survey units 28, 33, and 34 and clarification to the disposition of Survey unit 7

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Second floor Survey units 28, 33, and 34 for demolition. Survey unit 28 includes all or portions of rooms 201A, 202, 205A, and 214. Survey unit 33 includes all or portions of rooms 230, 230A, 231, 231A, 232A, 232, 233, 233B, 233A, and 219. Survey unit 34 includes all or portions of rooms 201A, 205B, and 212.

The preparation of survey units 28 and 33 was initiated August 15, 2004 and survey unit 34 was initiated August 12, 2004 when packages for in-process radiological surveys was prepared and executed. Once the surveys were complete, it was determined that the in process and final surveys could be combined into one book for all survey units and the CDPHE representative concurred with this approach. These areas were surveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 28. The following summarizes the non-radiological activities:

- There are no RCRA units associated with this survey unit.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. Survey unit 28 comprises the southwest corner of the second floor. The baseline beryllium characterization of these rooms conducted by KH in 1999 found no removable

beryllium contamination. Routine surveys found one sample collected in 2000 on top of a door alarm was positive for beryllium at the decision level of 0.2 ug/100 cm^2. The door alarm was removed, and the area re-surveyed with no detectable beryllium found. Subsequent surveys following equipment removal have found no removable beryllium present in this survey unit. Prior to final encapsulation, the room was again surveyed. Sixteen (16) samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm^2.

- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

Non-radiological hazards have also been addressed in Survey unit 33, and the following summarizes the non-radiological activities:

- There are no RCRA units associated with this survey unit.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. Survey unit 33 comprises the southwest corner of the second floor of 776, and none of the rooms in the survey unit were listed on the historical list of room with potential beryllium contamination. The baseline beryllium characterization of these rooms conducted by KH in 1999 found no removable beryllium contamination. Prior to final encapsulation, the room was again surveyed. Twelve (12) samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm^2.
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 34. The following summarizes the non-radiological activities:

- There are no RCRA units associated with this survey unit.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. None of the rooms in this survey unit were listed on the historical list of rooms with potential beryllium contamination. The baseline beryllium characterization of these rooms conducted by KH in 1999 found no removable beryllium contamination. Prior to final encapsulation, the room was again surveyed. Seventeen samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm2.
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside Survey units 28, 33, and 34 has progressed to the point of reasonably achievable removal and no encapsulation would be required.

In summary, ALARA-based decontamination has been completed, Survey units 28, 33, and 34 will be surveyed for removable contamination and controls applied during demolition. This contact record will be placed in the demolition file to ensure the controls and requirements are included in the demolition work packages for these survey units.

This contact record also documents a clarification to the contact record prepared for survey unit 7. The contact record, dated January 17, 2005, indicated that the unit would be painted for encapsulation. Due to the low levels of contamination in survey unit 7, additional encapsulation is not required, and the unit will not be painted.

Contact Record Prepared By: Dyan Foss

Required Distribution:

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C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
D. Shelton, K-H ESS
C. Zahm, K-H Legal

Additional Distribution:

Terry Vaughn
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Gary Schuetz
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Howard Druckman
Victoria Wren
Carolyn Hicks

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time: January 24, 2005

Site Contact(s): Dyan Foss
Phone: (303) 994-0325

Regulatory Contact: Edd Kray
Phone: (303) 994-3441

Agency: CDPHE

Purpose of Contact: Disposition of Area 6 Survey unit 26

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Area 6, survey unit 26 for demolition. Survey unit 26 consists of room 153.

The preparation process for Survey unit 26 was initiated January 16, 2005 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, it was determined that the in process and final surveys could be combined and the CDPHE representative concurred with this approach.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 26. The following summarizes the non-radiological activities:

- There are no RCRA units associated with survey unit 26.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. Room 153 was not listed on the historical list of rooms with potential beryllium contamination. Baseline beryllium characterization and subsequent surveys following equipment removal found no removable beryllium contamination. Fourteen (14) samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm^2.
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- The survey unit contains no asbestos.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that

would be gained through additional decontamination. The state project representative agrees that decontamination inside survey unit 26 has progressed to the point of reasonably achievable.

In summary, ALARA-based decontamination has been completed, Survey unit 26 will be surveyed for removable contamination, and controls applied during demolition. Due to the low levels of contamination in survey unit 26, encapsulation is not required, and the unit will not be painted. This contact record will be placed in the demolition file for this survey unit.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
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Additional Distribution:

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David Del Vecchio
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Howard Druckman
Victoria Wren
Carolyn Hicks

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time:	January 24, 2005
Site Contact(s):	Dyan Foss
Phone:	(303) 994-0325
Regulatory Contact:	Edd Kray
Phone:	(303) 994-3441
Agency:	CDPHE

Purpose of Contact: Disposition of Survey unit 42

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare survey unit 42 for demolition. Survey unit 42 consists of the elevator room 147.

The preparation process for Survey unit 42 was initiated November 16, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, it was determined that the in process and final surveys could be combined and the CDPHE representative concurred with this approach. Preparation in the area involved blocking the south side of the 776-771 underground tunnel to ensure that debris and dust suppression water does not run down the tunnel into the 771 Project area grade fill.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 42. The following summarizes the non-radiological activities:

- Survey unit 42 contained two RCRA aqueous waste transfer lines from Building 771. The piping has been removed, and these lines had welded joints and were visually inspected for leaks on a daily basis; therefore, secondary containment was not required per 6CCR 1007-3 Part 264.193(f).
- Chemicals and hazardous substances have been removed. The hydraulic oil will be drained from the elevator system after it is taken out of service.
- Beryllium regulated and controlled areas have been closed. Survey unit 42 is the elevator pit located in the northwest quadrant of building 776. This pit was never on the historical list of rooms with potential beryllium contamination. Prior to

final encapsulation, five (5) samples were collected in the survey unit on the floor. All samples were below the analytical reporting limit of 0.1 ug/100 cm^2.

- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside survey unit 42 has progressed to the point of reasonably achievable and is ready for encapsulation.

In summary, ALARA-based decontamination has been completed, Survey unit 42 will be surveyed for removable contamination, and controls applied during demolition. This contact record will be placed in the demolition file for this survey unit.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
D. Shelton, K-H ESS
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Additional Distribution:

Terry Vaughn
David Del Vecchio
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Howard Druckman
Victoria Wren
Carolyn Hicks

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time: January 26, 2005

Site Contact(s): Dyan Foss
Phone: (303) 994-0325

Regulatory Contact: Edd Kray
Phone: (303) 994-3441

Agency: CDPHE

Purpose of Contact: Disposition of Area 5 Survey unit 9

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Area 5, survey unit 9 for demolition. Survey unit 9 consisted of rooms 118, 118A-H, 134 West, 138, 146, 146A and 146B.

The preparation process for survey unit 9 was initiated May 14, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort:

- Concrete shaving, concrete scraping, hydrolasing, joint removals, and hotspot removals were performed on various floor and wall surfaces.
- The floor was removed.
- Walls were decontaminated or removed as necessary

The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in survey unit 9. The following summarizes the non-radiological activities:

- Room 134 West was a permitted RCRA container storage unit in Unit 776.1 and also provided secondary containment for RCRA tanks and piping associated with Units 776.2, 44.01 and 44.02. CDPHE approved closure of this area in a contact record dated 11/23/04, contingent on final disposition of the building by removal. Room 118 contained an interim status treatment unit, the Fluidized Bed

Incinerator, Unit 49.01. The incinerator was closed by removal, and the secondary containment was closed by the rinsate method and approved by CDPHE in a contact record dated July 28, 2004, contingent of final disposition of the building by removal. Room 146 provided secondary containment for the Size Reduction Vault, interim status storage and treatment Unit 61, and mixed residue tanks 94.009 – 94.011. This room was hydrolased prior to removing the floor, which met the "debris rule" RCRA closure standard in the DOP.

- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. Rooms 134 and 146, in survey unit 9, were on the historical list of rooms with potential beryllium contamination. Room 134 was on the historical list due to potential beryllium contamination inside the ASRF, but was never posted as a beryllium controlled or regulated area. Room 146 was historically posted as a beryllium controlled area. Room 146 was decontaminated and released from beryllium controls prior to removal of the floors and walls of this room; therefore, no final beryllium samples were collected in this area. Baseline beryllium characterization and subsequent surveys following equipment removal in the rest of the survey unit found no removable beryllium contamination. Prior to final encapsulation of the survey unit, twenty-two (22) samples were collected on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm^2.
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

Since the floor was removed and the exposed soil may have radiological contamination, the soil will be treated with an encapsulant, such as soil cement will be placed over the soil to limit the potential for dispersion during demolition activities. The area will be noted on project maps, and activities in this area will be coordinated with Environmental Restoration personnel.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside Survey unit 9 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate.

In summary, ALARA-based decontamination has been completed, Survey unit 9 will be encapsulated and surveyed for removable contamination, and controls will be applied during demolition. This contact record will be included in the demolition file to ensure the controls and requirements are included in the demolition work packages for this survey unit.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
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Additional Distribution:

Terry Vaughn
David Del Vecchio
Gary Schuetz
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Howard Druckman
Victoria Wren
Carolyn Hicks

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time: February 2, 2005

Site Contact(s): Dyan Foss
Phone: (303) 994-0325

Regulatory Contact: Edd Kray
Phone: (303) 994-3441

Agency: CDPHE

Purpose of Contact: Disposition of Area 5 Survey unit 11

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Area 5, survey unit 11 for demolition. Survey unit 11 consisted of rooms 127, 127A, 127B, 141, and 148.

The preparation process for survey unit 11 was initiated April 28, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort:

- Concrete shaving, joint removals, and hotspot removals were performed on various floor and wall surfaces.
- The floor in Room 127 was removed.
- Walls were decontaminated or removed as necessary

The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in survey unit 11. The following summarizes the non-radiological activities:

- Room 127 was a permitted RCRA container storage area in Unit 776.1. Rooms 127 and 141 provided secondary containment for RCRA-regulated tanks and piping associated with Unit 776.2 and with the mixed residue oil/solvent transfer line. CDPHE approved closure of this area in a contact record dated 7/28/04, contingent on final disposition of the building by removal.
- Chemicals and hazardous substances have been removed.

- Beryllium regulated and controlled areas have been closed. Only Room 127 in this survey unit was on the historical list of rooms with potential beryllium contamination due to the internal contamination of tanks T-1A through T-3. The baseline beryllium characterization and subsequent surveys following equipment removal of this room found no removable beryllium contamination. Prior to final encapsulation, thirty (30) samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm^2.
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

Since part of the floor was removed and the exposed soil may have radiological contamination, an encapsulant, such as soil cement, will be placed over the soil to limit the potential for dispersion during demolition activities. The area will be noted on project maps, and activities in this area will be coordinated with Environmental Restoration personnel.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside Survey unit 11 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate.

In summary, ALARA-based decontamination has been completed, Survey unit 11 will be encapsulated and surveyed for removable contamination, and controls will be applied during demolition. This contact record will be included in the demolition file to ensure the controls and requirements are included in the demolition work packages for this survey unit.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
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S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time: February 2, 2005

Site Contact(s): Dyan Foss
Phone: (303) 994-0325

Regulatory Contact: Edd Kray
Phone: (303) 994-3441

Agency: CDPHE

Purpose of Contact: Disposition of Area 4 Survey unit 14

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Area 4, survey unit 14 for demolition. Survey unit 14 consisted of rooms 125, 130B, 131, and 131A.

The preparation process for survey unit 14 was initiated September 9, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort:

- Concrete shaving, joint removals, and hotspot removals were performed on various floor and wall surfaces.
- Walls/ceiling were decontaminated or removed as necessary

The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in survey unit 14. The following summarizes the non-radiological activities:

- Room 131 provided secondary containment for a mixed residue container storage area, Unit 90.49, located at the east end of the room. This room also provided secondary containment for mixed residue tanks and associated piping. CDPHE approved closure of this area in a contact record dated 1/26/05, contingent on final disposition of the building by removal.
- Chemicals and hazardous substances have been removed.

- Beryllium regulated and controlled areas have been closed. Room 131 was listed on the historical list of rooms due to gloveboxes in the room that were used for beryllium parts. The KH baseline characterization and subsequent survey after equipment removal indicated no removable beryllium contamination in this survey unit. Prior to encapsulation, twenty-four (24) samples were collected from floor to ceiling, all samples were below the reporting limit of 0.1 ug/100 cm^2.
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside Survey unit 14 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate.

In summary, ALARA-based decontamination has been completed, Survey unit 14 will be encapsulated and surveyed for removable contamination, and controls will be applied during demolition. This contact record will be included in the demolition file to ensure the controls and requirements are included in the demolition work packages for this survey unit.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
D. Shelton, K-H ESS
C. Zahm, K-H Legal

Additional Distribution:

Terry Vaughn
David Del Vecchio
Carolyn Hicks
Bruce Wallin
Victoria Wren

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time:	February 7, 2005
Site Contact(s):	Dyan Foss
Phone:	(303) 994-0325
Regulatory Contact:	Edd Kray
Phone:	(303) 994-3441
Agency:	CDPHE

Purpose of Contact: Disposition of Area 4 Survey unit 17

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Area 4, survey unit 17 for demolition. Survey unit 17 consisted of rooms 415 through 429 and room 431.

The preparation process for survey unit 17 was initiated April 30, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, it was determined that the in process and final surveys could be combined and the CDPHE representative concurred with this approach. The area was surveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The following actions were taken as part of the ALARA-based decontamination effort:

- Concrete shaving and hotspot removals were performed on a few floor and wall surfaces.
- Some block walls were removed.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in survey unit 17. The following summarizes the non-radiological activities:

- There were three RCRA permitted storage areas in rooms 416, 416B, and 427 that were part of Unit 777.1. These areas were closed administratively through a request submitted to CDPHE on July 30, 2001
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. Rooms 415, 416, 416A, 418, 419, 424,427, and 427A were listed on the historical list of rooms with potential beryllium contamination. The baseline beryllium characterization of these rooms was conducted by KH in 1999; removable beryllium

contamination was discovered in rooms 418 and 424 and they were posted as Beryllium Controlled Areas. After equipment removal, decontamination, and re-sampling, these rooms were de-posted as beryllium areas. Subsequent surveys following equipment removal have found no removable beryllium present in this survey unit. Forty-seven (47) additional samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm^2.

- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside survey unit 17 has progressed to the point of reasonably achievable.

In summary, ALARA-based decontamination has been completed, Survey unit 17 will be surveyed for removable contamination, and controls applied during demolition. Due to the low levels of contamination in survey unit 17, encapsulation is not required, and the unit will not be painted. This contact record will be placed in the demolition file for this survey unit.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
D. Shelton, K-H ESS
C. Zahm, K-H Legal

Additional Distribution:

Terry Vaughn
David Del Vecchio
Larry Maghrak
Bruce Wallin
Howard Druckman
Victoria Wren
Carolyn Hicks

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time: February 7, 2005

Site Contact(s): Dyan Foss
Phone: (303) 994-0325

Regulatory Contact: Edd Kray
Phone: (303) 994-3441

Agency: CDPHE

Purpose of Contact: Disposition of Area 7 Survey unit 8

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Area 7, survey unit 8 for demolition. Survey unit 8 comprises the compressor house on the north side of building 776.

The preparation process for survey unit 8 was initiated December 19, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, it was determined that the in process and final surveys could be combined, and the CDPHE representative concurred with this approach. The area was surveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. As part of the ALARA-based decontamination, concrete shaving and hotspot removals were performed on a few floor and wall surfaces.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in survey unit 8. The following summarizes the non-radiological activities:

- Portions of the floor in Room 150 were considered secondary containment for mixed residue transfer line. These areas were washed and rinsed, and CDPHE approved closure of this area in a contact record dated 12/16/04, contingent on final disposition of the building by removal.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. This survey unit includes rooms 150 and 150A, which were never listed on the historical list of rooms with potential beryllium contamination. The baseline beryllium characterization and subsequent surveys following equipment removal of this room found no removable beryllium contamination. Twenty-five (25) additional

samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm^2.

- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside survey unit 8 has progressed to the point of reasonably achievable. The following areas will require additional controls during demolition:

- The seam between the wall and slab for the wall between survey unit 8 and survey units 9 and 11
- The stairs leading into survey units 11 and 9 from survey unit 8

The controls for these areas may include any combination of the following:

- The areas will be painted orange, or some other bright color, to make the area readily identifiable during demolition.
- Special briefings will be held with equipment operators and dust control and waste crews prior to initiating demolition of these areas.
- Measures will be taken to minimize the stockpiling of the debris associated with this activity.

In summary, ALARA-based decontamination has been completed, Survey unit 8 will be surveyed for removable contamination, and controls applied during demolition. Due to the low levels of contamination in survey unit 8, encapsulation is not required, and the entire unit will not be painted with the exception of the areas mentioned above. This contact record will be placed in the demolition file for this survey unit.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
D. Shelton, K-H ESS
C. Zahm, K-H Legal

Additional Distribution:

Terry Vaughn
David Del Vecchio
Larry Maghrak
Bruce Wallin
Howard Druckman
Victoria Wren
Carolyn Hicks

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time: February 9, 2005

Site Contact(s): Dyan Foss
Phone: (303) 994-0325

Regulatory Contact: Edd Kray
Phone: (303) 994-3441

Agency: CDPHE

Purpose of Contact: Disposition of Survey unit 6

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare survey unit 6 for demolition. Survey unit 6 consists of the stairwell identified as room 139 and the basement floor area in front of the elevator.

The preparation process for survey unit 6 was initiated May 25, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, it was determined that the in process and final surveys could be combined, and the CDPHE representative concurred with this approach. The area was surveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. As part of the ALARA-based decontamination, concrete shaving and hotspot removals were performed on a few floor and wall surfaces.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in survey unit 6. The following summarizes the non-radiological activities:

- There are no RCRA units associated with this survey unit.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. This area was not listed on the historical list of rooms with potential beryllium contamination. Baseline beryllium characterization and surveys following equipment removal found no removable beryllium contamination. Ten (10) additional samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm^2.
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.

- Asbestos has been abated.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside survey unit 6 has progressed to the point of reasonably achievable.

The stair steps in this survey unit have higher levels of contamination then the rest of the survey unit. Since the steps are needed for access, the stairs will remain in place until building decontamination and demolition preparation are complete. However, the stairs will be removed and packaged just prior to initiating building demolition while the building is intact.

In summary, ALARA-based decontamination has been completed, Survey unit 6 will be surveyed for removable contamination, and controls applied during demolition. This contact record will be placed in the demolition file for this survey unit.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
D. Shelton, K-H ESS
C. Zahm, K-H Legal

Additional Distribution:

Terry Vaughn
David Del Vecchio
Larry Maghrak
Bruce Wallin
Howard Druckman
Victoria Wren
Carolyn Hicks

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time: February 11, 2005

Site Contact(s): Dyan Foss
Phone: 303-994-0325

Regulatory Contact: Edd Kray
Phone: 303-994-3441

Agency: CDPHE

Purpose of Contact: Verification surveys of the Building 777 annex

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Discussion
The Building 777 annex was surveyed in accordance with the Site-wide Pre-Demolition Survey Plan, and those surveys were documented in the Building 777 Pre-Demolition Survey Report, Revision 1, dated July 8, 2004. The report was transmitted to CDPHE for concurrence, which was received August 12, 2004.

The annex was surveyed at this time because no further activities were required in that area. However, as the Building 776/777 decontamination activities progress, it became necessary to use that annex as a step off pad. The re-use of the annex and the need for verification surveys were discussed with CDPHE at survey status meetings.

CDPHE concurred with the approach of using the annex as a step off pad and performing a limited number of verification surveys in the annex when it was no longer needed as a step off pad. The surveys were performed predominantly in room 404 and provided to CDPHE on February 10, 2005. This contact record documents CDPHE concurrence of the verification surveys demonstrating that the annex still meets the unrestricted release levels.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
D. McCranie, DOE-RFPO
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
M. Roy, DOE-RFPO
R. Schassburger, DOE-RFPO

Additional Distribution:

David Del Vecchio
Terry Vaughn
Bruce Wallin
Larry Maghrak
Carolyn Hicks

D. Kruchek, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374

D. Shelton, K-H ESS _____
J. Walstrom, K-H RISS _____
C. Zahm, K-H Legal _____

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time: February 14, 2005

Site Contact(s): Dyan Foss
Phone: (303) 994-0325

Regulatory Contact: Edd Kray
Phone: (303) 994-3441

Agency: CDPHE

Purpose of Contact: Disposition of Survey unit 3

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare survey unit 3 for demolition. Survey unit 3 consists of rooms 144, 154, 155, and 161.

The preparation process for survey unit 3 was initiated June 6, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, it was determined that the in process and final surveys could be combined, and the CDPHE representative concurred with this approach. The area was surveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. As part of the ALARA-based decontamination, concrete shaving and hotspot removals were performed on a few floor and wall surfaces. In addition, several sections of the floor were completely removed, including the sump in room 161, and the walls around room 155 were removed.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in survey unit 3. The following summarizes the non-radiological activities:

- Room 154 was a permitted RCRA container storage area in Unit 776.1, previously known as Unit 69. Room 154 also provided secondary containment for Tanks SR-3, SR-4 and SR-5 (Units 94.001 – 94.003) and Pilot FBI pencil tanks T-1 and T-2 (Unit 49.02). These areas were washed and rinsed, and CDPHE approved closure of this area in a contact record dated 12/16/04, contingent on final disposition of the building by removal.
- Chemicals and hazardous substances have been removed.

- Beryllium regulated and controlled areas have been closed. None of the rooms in survey unit 3 were listed on the historical list of rooms with potential beryllium contamination. The baseline beryllium characterization and subsequent surveys following equipment removal found no removable beryllium contamination in these rooms. Prior to final encapsulation, twenty-four (24) samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm^2.
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside survey unit 3 has progressed to the point of reasonably achievable.

In summary, ALARA-based decontamination has been completed, Survey unit 3 will be encapsulated, surveyed for removable contamination, and controls applied during demolition. This contact record will be placed in the demolition file for this survey unit.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
D. Shelton, K-H ESS
C. Zahm, K-H Legal

Additional Distribution:

Terry Vaughn
David Del Vecchio
Larry Maghrak
Bruce Wallin
Howard Druckman
Victoria Wren
Carolyn Hicks

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD

Date/Time: February 16, 2005

Site Contact(s): Dyan Foss
Phone: (303) 994-0325

Regulatory Contact: Edd Kray
Phone: (303) 994-3441

Agency: CDPHE

Purpose of Contact: Disposition of Survey unit 38

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare survey unit 38 for demolition. Survey unit 38 consisted of the 250 plenum located on the second floor of Building 776

The preparation process for survey unit 38 was initiated April 12, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort:

- Concrete shaving, joint removals, and hotspot removals were performed on various floor and wall surfaces.
- Ceiling areas were decontaminated or removed as necessary
- Contaminated sealant (such as the sealant near the center of the east wall of plenum 250) was removed to the extent practicable

The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in survey unit 38. The following summarizes the non-radiological activities:

- There are no RCRA units associated with this survey unit.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. Baseline beryllium characterization and random surveys over the past five (5) years have been below the reporting limit of 0.1 ug/100 cm^2. Prior to final encapsulation, twenty-four

(24) samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm^2.

- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- Asbestos has been abated.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside Survey unit 38 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate. The following areas will require additional controls during demolition:

- Portions of the north wall
- Portions of the ceiling
- Columns within the survey unit
- Remnants of the West side of the first stage filter racks

The controls for these areas may include any combination of the following:

- The areas will be painted orange, or some other bright color, to make the area readily identifiable during demolition.
- Special briefings will be held with equipment operators and dust control and waste crews prior to initiating demolition of these areas.
- Measures will be taken to minimize the stockpiling of the debris associated with this activity.

In summary, ALARA-based decontamination has been completed, Survey unit 38 will be encapsulated and surveyed for removable contamination, and controls will be applied during demolition. This contact record will be included in the demolition work packages for this survey unit.

Contact Record Prepared By: Dyan Foss

Required Distribution:

M. Aguilar, USEPA
S. Bell, DOE-RFPO
B. Birk, DOE-RFPO
C. Deck, K-H Legal
D. Foss, K-H 707/776/777
S. Garcia, USEPA
C. Gilbreath, K-H 771/774
S. Gunderson, CDPHE
J. Legare, DOE-RFPO
R. Leitner, K-H 371/374
J. Mead, K-H ESS
G. Morgan, DOE-RFPO
S. Nesta, K-H RISS
K. North, K-H ESS/MS
R. Schassburger, DOE-RFPO
D. Shelton, K-H ESS
C. Zahm, K-H Legal

Additional Distribution:

Terry Vaughn
David Del Vecchio
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Bruce Wallin
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Carolyn Hicks

RFETS Environmental Home Page

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Building:

Author: Dyan Foss

Regulatory Contact:

Date Range: From 1/1/04 To 9/8/2004

Keyword:

Submit Query | Clear Form

(13 of 20)

Number	1253
Date and Time	6/8/2004

Primary Site Contact	Dyan Foss	Primary Reg Contact	Ed Kray
SecondaySite Contact		Seconday Reg Contact	

Unit	Building	Site Phone	Agency
Unit 20			CDPHE

Purpose

Survey Unit 20 Disposition

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Survey unit 20 for demolition. Survey unit 20 consists of room 433. The preparation process for Survey unit 20 was initiated January 5, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the results were discussed at the weekly 776/777 survey

status meeting, and the decision was made to complete the following: ? Concrete shaving was performed on all floor surfaces. ? Six (6) column expansion joints with spots greater than 1,000,000 dpm/100cm2 were remediated by manual chipping and removal of the hot spots. ? Three (3) rows of highly contaminated block were removed from the top of Wall 20-1 (Outer Superdry North Wall). ? Eleven (11) rows of highly contaminated block were removed from the top of Wall 20-6 (Opposite of Wall 776019-2 Section C). ? Highly contaminated block was removed from the north upper portion of wall 776020-7, section D (Outer Superdry East Wall). The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted. In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 20. The following summarizes the non-radiological activities: ? Room 443 contained ancillary RCRA piping associated with glovebox 524 and the tanks in room 430. This portion of the RCRA unit was closed through the removal of the piping and the washing the secondary under the piping, which is documented in a contact record dated 2/4/04. ? Chemicals and hazardous substances have been removed. ? Beryllium regulated and controlled areas have been closed. Room 433 was not listed on the historical list of rooms. There is no historical record of beryllium use in this room. The KH baseline characterization of 1999 indicated no removable beryllium contamination in this survey unit. Since the baseline survey, the rooms have been stripped of all equipment. All samples collected were below the reporting limit of 0.1 ug/100 cm2. ? Polychlorinated biphenyls (PCB) hazards and equipment have been removed. ? Asbestos has been abated. Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction, which would be gained through additional decontamination. The state project representative agrees that decontamination inside Survey unit 20 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate. In summary, ALARA-based decontamination has been completed, Survey unit 20 will be encapsulated and surveyed for removable contamination, and controls will be applied during demolition. This contact record will be included as an appendix to the characterization report for Survey unit 20.

Follow-Up

Please contact Doug Schlagel at extension 4175 for assistance with this page.

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Building:
Author: Dyan Foss
Regulatory Contact:
Date Range: From 1/1/04 To 9/8/2004
Keyword:

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(15 of 20)

Number	1263
Date and Time	6/17/2004

Primary Site Contact	Dyan Foss	Primary Reg Contact	Edd Kray
SecondaySite Contact		Seconday Reg Contact	

Unit	Building	Site Phone	Agency
Unit 19			CDPHE

Purpose

Survey Unit 19 Disposition

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Survey unit 19 for demolition. Survey unit 19 consists of room 430. The preparation process for Survey unit 19 was initiated January 8, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-

based decontamination effort: - Concrete shaving was performed on all floor surfaces. - Upon completion of the shaving effort, approximately 150 linear feet of hot spots were remediated on the floor. - Twenty (20) column expansion joints were remediated by manual chipping and removal of the hot spots. - Twenty-four (24) columns were remediated by manual chipping and removal of the hot spots. - Six (6) rows of block were removed from the top of Wall 776019-1, Section C. - Eleven (11) rows of block were removed from the top of Wall 776019-2 Section C (Opposite of Wall 20-6). - Several small sections of block were removed from the upper section of Wall 776019, Sections A and B. - Approximately thirteen (13) rows of block was removed from the upper west corner of Wall 776014, Section D. - Eight (8) rows of block were removed from the top of Wall 776019-5. - The tops of ceiling I-beams were decontaminated. The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted. In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 19. The following summarizes the non-radiological activities: - Room 430 contained RCRA Container Storage Unit 777.1. The room also provided RCRA secondary containment for mixed residue piping, and was closed as part of Set 82 under the Building 776/777 DOP. The map provided with the Set 82 closure plan in Appendix H of the DOP shows the floor locations requiring closure. These areas were washed and rinsed and the results provided to CDPHE on March 10, 2004. Approval for contingent closure was received on June 17, 2004 - Chemicals and hazardous substances have been removed. - Beryllium regulated and controlled areas have been closed. Survey Unit 19 covers the south half of room 430. The historical record indicates that beryllium parts were machined inside gloveboxes in Room 430. Sampling conducted in March 2001 found surface removable levels of 0.1 ug/100 cm2 in the southeast corner of the room. The source of the beryllium contamination was two B-boxes used in parts recycling. The area was decontaminated and re-sampled with all samples collected being below the analytical detection limit of 0.1 ug/100 cm2. Since the baseline survey, the rooms have been stripped of all equipment. The final beryllium surveys for this area was collected on May 18, 2004. All samples collected were below the reporting limit of 0.1 ug/100 cm2. - Polychlorinated biphenyls (PCB) hazards and equipment have been removed. - Asbestos has been abated. Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside Survey unit 19 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate. In summary, ALARA-based decontamination has been completed, Survey unit 19 will be encapsulated and surveyed for removable contamination, and controls will be applied during demolition. This contact record will be included as an appendix to the characterization report for Survey unit 19.

Follow-Up

Please contact Doug Schlagel at extension 4175 for assistance with this page.

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Building:
Author: Dyan Foss
Regulatory Contact:
Date Range: From 1/1/04 To 9/8/2004
Keyword:

Submit Query | Clear Form

(17 of 20)

Number	1266
Date and Time	6/24/2004

Primary Site Contact	Dyan Foss	Primary Reg Contact	Edd Kray
SecondaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency CDPHE

Purpose

Survey Units 16 and 40 Disposition

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Survey units 16 and 40 for demolition. Survey unit 16 consists of room 430. Survey unit 40 consists of rooms 440, 432, 432A, 432B, 432C, and 432D. The preparation process for Survey unit 16 was initiated January 8, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were

complete, the following actions were taken as part of the ALARA-based decontamination effort: ? Concrete shaving was performed on all floor surfaces and manual chipping was used to remove hot spots. ? Twenty-nine (29) column expansion joints were remediated by manual chipping. ? Twelve (12) small hotspots and cracks were remediated by manual chipping. ? Three (3) rows of contaminated block were removed from the top of Wall 776016-3 (Outer Superdry North Wall). ? All block was removed from the Wall 776016-2, Section E (North Wall Roll-up Door Area). ? The top rows of contaminated block was removed from wall 776016-4, section D (Outer Superdry West Wall). The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted. In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 16. The following summarizes the non-radiological activities: ? Room 430 contained RCRA Container Storage Unit 777.1. The room also provided RCRA secondary containment for mixed residue tanks and piping, and was closed as part of Set 82 under the Building 776/777 DOP. The map provided with the Set 82 closure plan in Appendix H of the DOP shows the floor locations requiring closure. These areas were washed and rinsed and the results provided to CDPHE on March 10, 2004. Approval for contingent closure was received on June 17, 2004- Chemicals and hazardous substances have been removed. - Beryllium regulated and controlled areas have been closed. Survey Unit 16 covers the north half of room 430. The historical record indicates that beryllium parts were machined inside gloveboxes in Room 430. The final beryllium surveys for this area was collected on May 18, 2004. All samples collected were below the reporting limit of 0.1 ug/100 cm2. - Polychlorinated biphenyls (PCB) hazards and equipment have been removed. - Asbestos has been abated. The preparation process for Survey unit 40 was initiated February 9, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort: - Top rows of block were removed from all walls. - The majority of equipment and piping was removed from Mezzanine level. - Most contaminated portions of mezzanine floor/ lower level ceiling were removed. The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted. In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 40. The following summarizes the non-radiological activities: - Room 432C was a permitted container storage unit. The stainless steel floor in the room was closed through debris treatment. - Chemicals and hazardous substances have been removed. - Beryllium regulated and controlled areas have been closed. Room 432 was listed on the historical list of rooms. The KH baseline characterization of 1999 indicated removable beryllium contamination in room 432. A beryllium contaminated lathe was located in room 432. Since the baseline survey, the rooms have been stripped of all equipment and decontaminated for beryllium. The final beryllium surveys for this area were collected in May 2004. All samples collected were below the reporting limit of 0.1 ug/100 cm2. - Polychlorinated biphenyls (PCB) hazards and equipment have been removed. - Asbestos has been abated. Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside Survey units 16 and 40 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate. In summary, ALARA-based decontamination has been completed, Survey units 16 and 40 will be encapsulated and surveyed for removable contamination, and controls will be applied during demolition. There are several areas within Area 3, which included these survey units, that will be marked for additional controls during demolition. The following areas will require additional controls during demolition: - The north wall in Survey Unit 16 - The south wall in Survey Unit 19 - The mezzanine floor and ceiling and super dry floor in Survey Unit 40 The controls for these areas will include any combination of the following: - All areas will be painted orange, or some other bright color, to make the area readily identifiable during demolition. - If structurally feasible, up to 50% of the walls will be removed while the building structure is still intact. - A spray header will be used to

wet the internals of the concrete block prior to demolition of the wall. - Special briefings will be held with equipment operators and dust control and waste crews prior to initiating demolition of these areas. - Measures will be taken to minimize the stockpiling of the debris associated with this activity. This contact record will be included as an appendix to the characterization report for Survey units 16 and 40 and placed in the demolition file to ensure the controls and requirements are included in the demolition work packages for these survey units.

Follow-Up

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Building:
Author: Dyan Foss
Regulatory Contact:
Date Range: From 1/1/04 To 9/8/2004
Keyword:

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(9 of 20)

Number	1220
Date and Time	4/28/2004

Primary Site Contact	Dyan Foss	Primary Reg Contact	Edd Kray
SecondaySite Contact		Seconday Reg Contact	

Unit	Building	Site Phone	Agency
Unit 23			CDPHE

Purpose

Survey Unit 23 Disposition

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Survey unit 23 for demolition. Survey unit 23 consists of rooms 445, 453, 458, 459, 459A, and 460. The preparation process for Survey unit 23 was initiated January 5, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the results were discussed at the

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weekly 776/777 survey status meeting, and the decision was made to complete the following: - Remove the contaminated metal from trough - Remove contaminated bolts from concrete floor _ Shave areas on the floors with highest sodium iodide readings - Removed upper 3 feet of south, east, and west walls in room 245 The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted. In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 23. The following summarizes the non-radiological activities: - Room 445 contained ancillary RCRA piping associated with the T-tanks and Building 779. This portion of the RCRA unit was closed through the removal of the piping and the secondary containment gutter under the piping. - Chemicals and hazardous substances have been removed. - Beryllium regulated and controlled areas have been closed. Rooms 445, 459, and 459A were listed on the historical list of rooms. The historical record indicates storage of beryllium parts, machining of beryllium, and non-destructive testing may have taken place in these rooms. Since the baseline survey, the rooms have been stripped of all equipment. The final beryllium surveys for this area was collected on horizontal surfaces from floor to ceiling, and all samples were below the reporting limit of 0.1 ug/100 cm2. - Polychlorinated biphenyls (PCB) hazards and equipment have been removed. - Asbestos has been abated. Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction, which would be gained through additional decontamination. The state project representative agrees that decontamination inside Survey unit 23 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate. In summary, ALARA-based decontamination has been completed, Survey unit 23 will be encapsulated and surveyed for removable contamination, and controls will be applied during demolition. This contact record will be included as an appendix to the characterization report for Survey unit 23.

Follow-Up

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Building:
Author: Dyan Foss
Regulatory Contact:
Date Range: From 1/1/04 To 9/8/2004
Keyword:

Submit Query Clear Form

(7 of 20)

Number	1185
Date and Time	2/9/2004

Primary Site Contact	Dyan Foss	Primary Reg Contact	Edd Kray
SecondaySite Contact		Seconday Reg Contact	

Unit	Building	Site Phone	Agency
	776, 777		CDPHE

Purpose

Area 1 Disposition

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Area 1 for demolition. Area 1 consists of three survey units 15, 18, and 24, which includes rooms 436, 437, 442-444, 446-450, 462-464, 466-476. The preparation process for Area 1 was initiated October 2, 2003 when a package for in-process radiological surveys was prepared and executed. Once the surveys were

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complete, the results were discussed at the weekly 776/777 survey status meeting, and the decision was made to complete the following: - Shave floors in Rooms 437, 443, 447, 448, 449, and 463; - Remove contaminated duct work from all rooms; - Partially demolish walls around in Rooms 444, 450, and 446; - Remove all tape and plastic covering potentially contaminated areas; - Core wall in Room 473 to verify absence of lead wool; - Remove section of wall between Columns L-17 and L-18; - Remove small pieces of lead from Room 448; and - Remove plaster, foam and lath from Room 462. The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted. In addition to the radiological hazards, the non-radiological hazards have also been addressed in Area 1. The following summarizes the non-radiological activities: - Building 776/777 personnel washed and rinsed floors in Building 777 Rooms 437 and 462. Room 462 was a container storage area that was part of RCRA Unit 777.1. Room 437 provided secondary containment for mixed residue piping and equipment. Rinsate samples were analyzed and compared to the closure performance standard in the B776/777 DOP. On February 4, 2004, James Hindman, CDPHE, concurred that the areas in question have been closed, contingent on final disposition of the building by removal, as is required in the approved Demolition Plan for the facility. - Chemicals and hazardous substances have been removed. - Beryllium regulated and controlled areas have been closed. Room 471 was historically used for non-destructive testing and storage of beryllium parts. Rooms 437 and 463 were historically used to store beryllium parts and beryllium oxide ceramics. Samples were taken in these rooms and throughout Area 1 to verify that the unit was below the release criteria. - Polychlorinated biphenyls (PCB) hazards and equipment have been removed - Asbestos has been abated. Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction, which would be gained through additional decontamination. The state project representative agrees that decontamination inside Area 1 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate. In summary, ALARA-based decontamination has been completed, Area 1 will be encapsulated and surveyed for removable contamination, and controls will be applied during demolition. This contact record will be included as an appendix to the characterization report for Area 1.

Follow-Up

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Building:
Author: Dyan Foss
Regulatory Contact:
Date Range: From 1/1/04 To 9/8/2004
Keyword:

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(5 of 20)

Number 1160
Date and Time 3/15/2004

Primary Site Contact	Dyan Foss	Primary Reg Contact	Edd Kray
SecondaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency CDPHE

Purpose

Survey Units 22 and 25 Disposition

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of .decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Survey units 22 and 25 for demolition. Survey Unit 22 consists of rooms 481, 482, 483, 483A, and 483B. Survey unit 25 consists of rooms 465, 477, 478, and 479. The preparation process for Survey units 22 and 25 was initiated December 2, 2003 when a package for in-process radiological surveys was prepared and

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executed. Once the surveys were complete, the results were discussed at the weekly 776/777 survey status meeting, and the decision was made to complete the following: -Remove contaminated ductwork from ceiling in Room 465 -Remove contaminated electrical panels from Room 465 The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted. In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey units 22 and 25. The following summarizes the non-radiological activities: -Room 483 was a container storage area that was part of RCRA Unit 777.1. Building 776/777 personnel washed and rinsed floors in Building 777 Room 483. On February 4, 2004, Mr. Hindman concurred that the area in question have been closed, contingent on final disposition of the building by removal, as is required in the approved Demolition Plan for the facility. The waste will be managed as non-hazardous low-level debris for disposal. -Chemicals and hazardous substances have been removed. -Beryllium regulated and controlled areas have been closed. Room 483A was listed on the historical list of rooms for storage of beryllium parts. Room 465 was also listed on the historical list of rooms for storage of beryllium parts and non-destructive testing. The KH baseline characterization of 1999 indicated no removable beryllium contamination in these survey units. Since the baseline survey, the rooms have been stripped of all equipment. The final beryllium surveys for this area was collected on horizontal surfaces from floor to ceiling, and all samples were below the reporting limit of 0.1 ug/100 cm2. -Polychlorinated biphenyls (PCB) hazards and equipment have been removed. -Asbestos has been abated. Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction, which would be gained through additional decontamination. The state project representative agrees that decontamination inside Survey units 22 and 25 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate. In summary, ALARA-based decontamination has been completed, Survey units 22 and 25 will be encapsulated and surveyed for removable contamination and controls will be applied during demolition. This contact record will be included as an appendix to the characterization report for Survey Units 22 and 25.

Follow-Up

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Building:

Author: Dyan Foss

Regulatory Contact:

Date Range: From 1/1/04 To 9/8/2004

Keyword:

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(3 of 20)

Number	1120
Date and Time	4/7/2004

Primary Site Contact	Dyan Foss	Primary Reg Contact	Edd Kray
SecondaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency CDPHE

Purpose

Survey Unit 21 Disposition

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Survey Unit 21 for demolition. Survey Unit 21 consists of rooms 452, 455, 457, 461, and 475. The preparation process for Survey Unit 21 was initiated December 4, 2003 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the results were discussed at the weekly

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776/777 survey status meeting, and the decision was made to complete the following: ? Remove the contaminated metal from trough ? Remove contaminated bolts from concrete floor ? Shave areas on the floors with highest sodium iodide readings The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and a walk down of the area was conducted. In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey Unit 21. The following summarizes the non-radiological activities: ? Room 452 provided secondary containment for mixed residue piping and equipment. Rinsate samples were analyzed and compared to the closure performance standard in Section 4.5.1.1 of the B776/777 Decommissioning Operations Plan (DOP). On February 4, 2004, Mr. Hindman concurred that the area in question have been closed, contingent on final disposition of the building by removal, as is required in the approved Demolition Plan for the facility..The waste will be managed as non-hazardous low-level debris for disposal. ? Chemicals and hazardous substances have been removed. ? Beryllium regulated and controlled areas have been closed. Rooms 452, 455, 457, & 475 were listed on the historical list of rooms. The historical record indicates machining and storage of beryllium parts took place in these room. The rooms in this survey unit that were posted as a Beryllium Controlled Area (452, 455, 457, 475) were decontaminated and removed from beryllium postings in September 2003. Since the baseline survey, the rooms have been stripped of all equipment. The final beryllium surveys for this area was collected on horizontal surfaces from floor to ceiling, and all samples were below the reporting limit of 0.1 ug/100 cm2. ? Polychlorinated biphenyls (PCB) hazards and equipment have been removed. ? Asbestos has been abated. Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction, which would be gained through additional decontamination. The state project representative agrees that decontamination inside Survey Unit 21 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate. In summary, ALARA-based decontamination has been completed, Survey Unit 21 will be encapsulated and surveyed for removable contamination, and controls will be applied during demolition. This contact record will be included as an appendix to the characterization report for Survey Unit 21.

Follow-Up

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Building:
Author: Dyan Foss
Regulatory Contact:
Date Range: From 09/30/03 To 12/23/2003
Keyword:

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(3 of 3)

Number	1123
Date and Time	12/8/2003

Primary Site Contact	Dyan Foss	Primary Reg Contact	Edd Kray
SecondaySite Contact		Seconday Reg Contact	

Unit	Building	Site Phone	Agency
39			CDPHE

Purpose

Survey Unit 39 Disposition

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Survey Unit 39 for demolition. Survey Unit 39 is in Area 2 and consists of Rooms 301, 302, 303, and 456. The preparation process for Survey Unit 39 was initiated October 1, 2003 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the results were

discussed at the bi-monthly 776/777 Status meeting and the decision was made to remove a piece of metal ducting and 4 feet of brick along the western wall. The area was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative and a walk down of the area was conducted. In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey Unit 39. The following summarizes the non-radiological activities: - The ancillary equipment (piping and the floor below the piping) associated with Resource Conservation and Recovery Act (RCRA) unit 776.2 have been removed in accordance with the DOP. - Chemicals and hazardous substances have been removed. - Beryllium regulated and controlled areas have been closed. This area was designated a beryllium regulated area in the 1990s because some beryllium parts were found in a desk drawer. However, the area was de-posted once the Chronic Beryllium Disease Protection Program was developed because the area did not meet the criteria. Samples were taken in the area to verify that the unit was below the release criteria. - Polychlorinated biphenyls (PCB) hazards and equipment have been removed - Asbestos has been abated. Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction, which would be gained through additional decontamination. The state project representative agrees that decontamination inside Survey Unit 39 has progressed to the point of reasonably achievable removal and that the subsequent step of fixative application is appropriate. In summary, ALARA-based decontamination has been completed, Survey Unit 39 will be encapsulated and surveyed for removable contamination, and controls will be applied during demolition. This contact record will be included as an appendix to the characterization report for Survey Unit 39.

Follow-Up

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Building:

Author: Dyan Foss

Regulatory Contact:

Date Range: From 09/30/03 To 12/23/2003

Keyword:

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(1 of 3)

Number	1074
Date and Time	9/30/2003

Primary Site Contact	Dyan Foss	Primary Reg Contact	Edd Kray
SecondaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency CDPHE

Purpose

Advanced Size Reduction Facility (ASRF) Disposition

Discussion

In accordance with the 776/777 DOP, Appendix I; the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record and the attachment document the activities that were conducted to prepare the ASRF for demolition. A series of meetings and discussions have been conducted with CDPHE on the feasibility of removing the ASRF prior to demolition and possible decontamination techniques. It was determined that the removal of the ASRF before demolition involved unacceptable

risk to worker safety. Therefore, several decontamination efforts were conducted that are summarized in the attached ASRF Radiological Evaluation. In addition to the radiological hazards, the non-radiological hazards have also been addressed in the ASRF. The following summarizes the non-radiological activities: - Resource Conservation and Recovery Act (RCRA) units have been closed in accordance with the DOP. There were four RCRA units associated with the ASRF: container storage unit 776.1, waste treatment unit 776.3, and pencil tanks T-344 and T-345 (units 94.005 and 94.006). Closure included: - Pencil tanks T-344 and T-345 and associated ancillary piping and pumps in filter glovebox J-341 were closed by removal and packaged as TRM waste, - Gloveboxes J-176, J-177, J-270, J-340, J-357, and J-341, as well as the stainless steel floor of the ASRF were cleaned and verified closed using the debris rule standard. The gloveboxes were subsequently removed. - Chemicals and hazardous substances have been removed. - Beryllium regulated and controlled areas have been closed. As of September 16, 2003, the ASRF is no longer a beryllium controlled area. - Polychlorinated biphenyls (PCB) hazards and equipment have been removed - Asbestos will be abated. The internal portions of the ASRF are asbestos free; there are some exterior fittings with asbestos containing materials that will be removed, but will not be affected by the encapsulation activity. Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction, which would be gained through additional decontamination. The state project representative agrees that decontamination inside the ASRF has progressed to the point of reasonably achievable removal and that the subsequent step of fixative application is now appropriate. Suitability of the proposed path of ASRF demolition with external building shell demolition will be determined based on evaluation of the fixatives' efficiency in conjunction with other controls. An engineering evaluation is currently being conducted to determine if the facility can be demolished up to the ASRF and a controlled process employed to dismantle the ASRF with minimal stockpiling. Details on demolition controls will be contained in the work packages. Future decisions will be made using the consultative process with the regulators. In summary, ALARA-based decontamination has been completed, the ASRF will be encapsulated and surveyed for removable contamination, and controls will be applied during demolition. This contact record will be included as an appendix to the characterization report for the ASRF.

Follow-Up

Please contact Doug Schlagel at extension 4175 for assistance with this page.