

Statement of Work (SOW)

Storage and Handling of TRUMP-S Mixed TRU Waste at MURR

Introduction:

The University of Missouri Research Reactor (MURR) has completed a series of TRUMP-S experiments for the U.S. Department of Energy (DOE), and has decontaminated the Alpha Laboratory where the experimental work was performed. DOE is responsible for the disposal of mixed transuranic waste (MTRU) resulting from the experiments and from the decontamination process. The MTRU waste will be stored at MURR until DOE can arrange for transportation to another site, where the waste can be certified for disposal at DOE's Waste Isolation Pilot Plant (WIPP).

MURR has a RCRA permit with the state of Missouri to allow storage of the MTRU at MURR. The effort of this SOW is for DOE to store the MTRU at MURR per the permit, for DOE to have access to conduct periodic surveillances, and for MURR to provide DOE with notifications required under the Federal Facility Compliance Act (FFCAct) consent order between the Missouri Department of Natural Resources (MDNR) and the DOE Oakland Operations Office (DOE/OAK), reflected in the MURR Site Treatment Plan (STP).

Tasks:

1. Store mixed transuranic waste (MTRU) at MURR.

MURR shall store MTRU waste from the TRUMP-S program at MURR per the State of Missouri Department of Natural Resources RCRA permit. MURR will store the MTRU for four years or until DOE provides future direction on the handling of the MTRU. MURR will continue to store the permanent TRUMP-S files that describe how the MTRU waste was accumulated and packaged.

2. Conduct Surveillance of MTRU waste.

MURR shall periodically review the storage area and the condition of the waste containers and document the reviews per the permit and MURR internal health and safety requirements. MURR shall support State of Missouri Department of Natural Resources or DOE inspections of the storage area and containers.

3. Reporting on the MTRU.

MURR shall contact DOE immediately when there is an incident that involves or may involve the storage of the MTRU. MURR shall provide a yearly report of storage of the MTRU and the results of the surveillance reviews. MURR shall also provide any necessary information or notification required for the closure of the MURR STP.

4. Handling after Storage.

When DOE direction is provided to move the MTRU waste, MURR shall provide the equipment, waste handling personnel, and safety and health support to load the containers onto a TRUPACT-II transport, and provide other support as required for the transport of the waste to the site designated by DOE. After the MTRU is transported from MURR, MURR will be provided directions on the disposition of the TRUMP-S files.

Excerpt from contractual document, DE AF03-02SF22605 Amendment A001

Complete document transferred to the Denver Federal Records Center