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MAY 2 1979

Mr. David Hurley
Manager
Arther D. Little Company
San Francisco, California

Dear Mr. Hurley:

As you may know, the Department of Energy (DOE) is involved in a program to characterize the radiological condition of sites formerly used by the Manhattan Engineer District (MED) and/or Atomic Energy Commission (AEC) in the development of nuclear energy. As part of this program, DOE is preparing a series of brief summaries of the history of the MED/AEC related activities and conditions at the specific sites. The summaries are to document the activities from the initiation of a contract with MED/AEC to the termination of the final MED/AEC contract. The historical summaries also briefly describe the current condition of each site.

Enclosed is a copy of a preliminary summary describing work conducted at a portion of your facility for the AEC. DOE is still in the process of reviewing MED/AEC operations records in order to obtain all available information. The enclosed draft is based upon data collected to date and is submitted to you so that your review and comment can be received in a timely manner.

The second enclosure lists the specific information that should ideally be included in the attached site summaries. As you can see, a portion of the information has not yet been identified. I would appreciate receiving (if possible by May 10, 1979) any supplemental information you can supply that might fill in some of the incomplete areas. I would also like to solicit any additional information regarding other facilities involved in the feed materials program of MED/AEC.

Sincerely,

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William E. Mott, Acting Director
Environmental Control Technology
Division

Enclosures:
As stated

bcc: R. E. Allen B. D. Shipp (CH)
W. E. Mott A. J. Whitman
R. W. Ramsey Aerospace ✓

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RW Ramsey
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ARTHUR D. LITTLE
(Merrill Company)
322 Battery Street
San Francisco, California

Site Function

The Merrill Company had R&D contracts for the separation and recovery of uranium from various ores and the concentration and upgrading of the uranium product. The contracts ran from 1948 through 1956 and included AT(49-6)-923, AT(49-1)-439, and AT(49-1)-540. Specific research included recovery of uranium and vanadium from alkaline carbonate leach solutions of domestic ores. (Refs. 2, 3, and 4)

Site Description

The facility was torn down as part of San Francisco's redevelopment program. A 5,000,000-square-foot complex called the Embarcadero Center now occupies the land. (Ref. 1)

Owner History

In the 1948 through 1956 period, the Merrill Company was located at 582 Market Street, San Francisco (the laboratory may have been located at 322 Battery Street). Some type of relationship between this company and A.D. Little prevailed after May 1954, with former Merrill employees working for Little. The site was visited by DOE and Argonne National Laboratory in December of 1977. The visit confirmed that no additional survey effort was required. (Ref. 2)

Radiological History and Status

Because there is no facility to survey nor original soil in the area, there is no useful radiological survey of the area that can be accomplished. (Ref. 1)

Category and Status

No further DOE action is required. The site was cleared for unrestricted use on December 23, 1977. (Ref. 1)

References

- I. Letter, "Arthur D. Little," R.H. Bauer (Chicago Operations) to J.L. Liverman (DOE Headquarters), December 23, 1977 (19055).

2. "Summary of Available Data on Specified Division of Raw Materials Contractors," files of R. Allen (Environmental Control Technology), date unknown.
3. AEC Contract AT(49-1)-540, June 13, 1951.
4. AEC Contract AT(49-6)-923, July 27, 1954.

Each site summary should ideally answer the following questions under the respective categories..

1. Name of Site or Facility where site is located, Address of Current Owner

2. Site Functions

- a. What was the site used for?
- b. What were the dates of operation?
- c. Who operated the site?
- d. What contract number and who was the contractor during MED/AEC operations?

3. Physical Characteristics

- a. What was physical layout of site during use?
- b. What remains of old site?
- c. What are the new physical characteristics of the site and what led to any changes?
- d. What is the description of any off-site location affected?

4. Owner History

- a. What was the ownership history from the initiation of operations to the present?

5. Radiological History and Status

- a. What was the radiological history (including contamination and surveys performed) to the present?
- b. Was any material or equipment used in the conduct of the AEC/MED contracts removed from the site? If so what was its disposition?
- c. What is the current status?
- d. What is the magnitude of any expected contamination off-site as well as on-site and what surveys were performed to date?
- e. What actions were taken to decontaminate and/or certify the site for release to the public?

6. Category and Status

7. References (List of all available material supporting the data in the summary)