

ORNL SITES - SUMMARY

License No.: C-03429 ORNL Score: 38
Docket No.: 040-00672
Licensee: Nuclear Metals, Inc. (NMI) Review Status: **Complete**
Site Address(es): 155 Massachusetts Avenue 2229 Main Street
Cambridge, Massachusetts Concord, Massachusetts
224 Albany Street
Cambridge, Massachusetts
Site Contact: Frank Vumbaco
Telephone No.: (508) 369-5410
SDMP Site: yes
Related License(s): 20-11972-01, SNM-00065, SNM-00160, SNM-00219; [SUB-1452: NOT ON LIST]
NRC Reviewer: Duncan White
Review Abstract: License No. C-03429 is the predecessor to License No. SMB-00179 and both share the same docket number. Licensed material either used or stored at both Cambridge addresses. The reviewer did not find any indication of a closeout survey by the licensee or AEC confirmatory survey for the Cambridge facilities. Any licensed material remaining at Cambridge from activities performed under this license will be addressed under SNM-00065. Contamination at Concord from licensed activities will be remediated when the site decommissioned.

Recommendations: None.

Summary: The 155 Massachusetts Avenue facility (also called the Hood Building) started in April 1942 as a metallurgical laboratory operated by Massachusetts Institute of Technology (MIT) for the Manhattan Engineering District. From 1946 to June 1954, the facility was apparently owned by the AEC and operated by either MIT or NMI. From June 1954 until NMI moved its operations to Concord in the fall of 1958, NMI continued operations at both Cambridge facilities. The facility located at 224 Albany Street was listed as the offices on the company letterhead, but according to an AEC inspection conducted in October 1958, the Albany Street site was also used to store licensed material. The Concord facility is currently occupied by NMI and licensed by the NRC under License Nos. SMB-00179 and SUB-01452.

License No. C-03429 was issued to NMI on December 2, 1955 authorizing possession of 100 pounds of natural uranium for use in development of new fuel elements for fast breeder reactors. Subsequent amendments to this license added natural thorium and increased the possession limits. An AEC inspection conducted in October 1958 noted that material used under this licensed was either used or stored at both Cambridge locations. License No. C-03429 is the predecessor to License No. SMB-00179 and both share the same docket number. The reviewer did

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not find any indication of a closeout survey by the licensee or confirmatory survey by the AEC for either Cambridge facility.

As indicated above, the Concord facility is currently licensed. Any contamination generated under this license that may remain at Concord will be remediated when that site is decommissioned. Any contamination generated under this license at either of the Cambridge sites will be evaluated under SNM-00065.

Reviewed by: Duncan White Date 1/17/95

Approved by: Jed D/K Date 1/17/95