

ORNL SITES - SUMMARY

CSP
6/24/96

License No.: SNM-01000 ORNL Score: 11
Docket No.: 070-01052
Licensee: Fenwal, Incorporated Review Status: ~~CLOSED~~ Complete
(division of Walter Kidde & Co.)
Site Address(es): Ashland, MA 01721 (no street address provided)
(The currently operating licensed facility is located at 400 Main St)

Site Contact: John (Jack) Ronayne, current RSO for Kidde-Fenwal, Inc.
Telephone No.: (508)881-2000, ext. 2771
SDMP Site: No
Related License(s): Active: 20-15285-01 (Kidde-Fenwal, Inc)
20-15285-03E (Kidde-Fenwal, Inc)

Retired: 20-15285-02E (Fenwal, Inc)
20-16639-02E (Walter Kidde & Co.)
20-16639-01 (Walter Kidde & Co.)

NRC Reviewer: Todd J. Jackson

Review Abstract: This license was for a maximum of 6.4 g U-235 in up to 642 g of uranium which contaminated magnesium fluoride, and was active from April 5, 1967 through September 9, 1968. Documentation of an AEC closeout survey was identified and obtained from the RSO of the currently operating plant at this location. In addition, the RSO had not detected any U-235 contamination during routine surveys of the facility. Based on this information it is recommended that the file be closed with no additional survey. Adequate information exists documenting clean up at license termination.

Recommendations: No survey recommended. ~~Close file.~~ None.

Summary: Fenwal applied for this license on March 29, 1967 and it was issued on April 5, 1967 for 2 grams of U-235. On October 3, 1967 an amendment was issued increasing the maximum possession limit to 6.4 grams U-235. The license was used for a subcontract from National Lead Company of Ohio to determine the explosive characteristics of magnesium fluoride fines containing approximately 4.4% uranium enriched to 0.94% U-235. The first sample tested was a total of about 200 g U, and therefore about 2 g U-235. The second sample (and apparently the final) was 642 grams and therefore about 6.4 g U-235. The licensee submitted a certification dated September 9, 1968 stating that all SNM was disposed of per 10 CFR 20.

I contacted Mr. John (Jack) Ronayne, current RSO for the Kidde-Fenwal, Inc. operation in Ashland. He has been at the plant about 5 years and had no recollection of anyone mentioning this license or the work it covered. He also did not have any

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records pertaining to the time period. He did have a document from the Dept. of Energy indicating that for the small quantity of SNM the company possessed in the 1968 timeframe, DOE had concluded that no followup survey was required under the FUSRAP program. In fact, Mr. Ronayne faxed a DOE evaluation document that described a visit to Fenwal for an AEC confirmatory survey which showed no contamination (although the date on the report is illegible). The Ashland Fenwal plant was on the FUSRAP list because of this work, which was done for the Fernald Ohio. Mr. Ronayne has not detected any U-235 contamination in his surveys of the currently operating facility. Based on the survey comments and the small amount of U-235 licensed and used at the facility it is NOT recommended that any survey be conducted and the file be closed.

Reviewed by: Todd J. Johnson Date 3/11/96

Approved by: Ronald D. Bellamy Date March 12, 1996