

ORNL SITES - SUMMARY

License No.: SUB-00172 ORNL Score: 135
Docket No.: 040-00768
Licensee: Englehard Industries, Inc. Review Status: Complete
Site Address(es): Englehard Industries, Inc.
D.E. Makepeace Division
Pine and Dunham Streets
Attleboro, Massachusetts

Englehard Industries, Inc.
D.E. Makepeace Division
Route 152
Plainville, Massachusetts

Site Contact: Donald Chabot, Senior Environmental Engineer
Englehard Corporation
Route 152
Plainville, Massachusetts

Vicki Carr, Regional Manager
AMC/Federal Management
175 Federal Street, Suite 700
Boston, Massachusetts 02110
(Attleboro Location Only)

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(617) 482-4396 (Carr)

SDMP Site: yes (Plainville location only)

Related License(s): SMC-01207 ?, [20-05216-01, C-03719 ?, C-04237, C-04941, C-05161, SNM-00185: NOT ON LIST]

NRC Reviewer: Mark C. Roberts

Review Abstract: Source material may have been used or stored at the Pine and Dunham Streets location in Attleboro, Massachusetts; however, the primary location where licensed material was used was the Englehard facility in Plainville, Massachusetts. The Plainville, Massachusetts facility is an SDMP site.

Recommendations: None.

Summary: Englehard Corporation was licensed by the AEC to use large quantities of source and special nuclear material in the production of fuel elements for nuclear reactors. Review of the docket files indicates that the primary location where licensed material was used was at their major manufacturing facility on Route 152 in Plainville, Massachusetts. The Pine and Dunham Streets location in Attleboro, Massachusetts was primarily offices for the company; however, it is unclear whether operations with licensed material were ever conducted at this facility. AEC Inspections were conducted only at the Plainville location.

Although it is not clear that source material was actually used at the Attleboro location, storage of source material took place in Attleboro because there is

B/159

information in the file regarding a theft of copper, contaminated with a small quantity of natural uranium (estimated at approximately 10 pounds of uranium) from locked storage in the "nuclear area" (basement) of the Attleboro facility. There is also a reference to shipment and possible use of source material in Attleboro since blank forms used for routing "depleted uranium-molybdenum blanket elements" reference the Attleboro address.

Region I staff performed a radiological survey in the basement of the Attleboro facility at Pine and Dunham Streets. The building has been completely renovated and is now a residential facility for the elderly. The facility is operated by AMC/Federal Management in Boston. All radiological measurements in the basement were indistinguishable from background. The results of the inspection are reported in Inspection Report No. 040-00768/96-001.

Reviewed by: Mark Sabat Date 6-5-96

Approved by: Ronald R. Bellon Date June 5, 1996