

U.S. NUCLEAR REGULATORY COMMISSION
REGION I

Report No. 40-0994/85-01

Docket No. 040-00994

License No. SMC-900

Priority E

Category 3

Licensee: VAR-LAC-OID Chemical Company

666 South Front Street

Elizabeth New Jersey 07202

Facility Name: VAR-LAC-OID Chemical Company Facility

Inspection At: Same

Inspection Conducted: March 4, 1985

Inspectors: *J. F. Stearns*
C. F. Stearns, Radiation Specialist

5/21/85
date signed

Approved by: *J. D. Kinneman*
J. D. Kinneman, Chief, Nuclear Material
Safety Section A

5/21/85
date signed

Inspection on: March 4, 1985

Areas Inspected: Special inspection, limited to survey of the facility previously occupied by the licensee for residual contamination and radiation prior to release of the facility for unrestricted use. Eighteen wipes were taken and assayed for removable activity. The facility was surveyed to identify fixed contamination or materials remaining. The inspection involved two (2) inspector hours on-site time by one NRC inspector.

Results: No radiation levels above background were found, and no residual removable contamination was found on the wipes.

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DETAILS

1. Persons Contacted

George Lanzano, Building Manager
Wally Baillie, Representative of Joseph Cory Furniture Warehouse

2. Background

Small quantities of uranium and thorium compounds in individual containers were stored for re-sale.

3. Instrumentation Used in Survey

Radiation level measurements were made, using an Eberline Model E-120 with a thin end window G-M probe sensitive to beta and gamma radiation. This instrument (Serial #5517) was calibrated February 26, 1985.

Wipes were counted in the Regional Office Laboratory in King of Prussia, Pennsylvania in a Tennelec Model LB-1000 Low Background Counting System.

4. Radiation Survey Results

No radiation levels above background were detected with the GM survey meter for approximately thirty readings taken in the area where the radioactive material was stored.

5. Survey for Removable Contamination

Eighteen wipes were taken from the surfaces of the shelves where the radioactive material had been stored, and on the surface of the floor where the shelves had been standing. Less than 200 dpm above background was found on all wipes.

6. Exit

The results of the surveys were discussed with Mr. Roy K. Kessler, President of VAR-LAC-OID Chemical Company by telephone on April 4, 1985. He was informed that the results of the survey would be used to evaluate the request to terminate License No. SMC-900.