

U.S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT

REGION I

Report No. 30-04708/85-01

Docket No. 30-04708

License No. 20-12140-01

Priority III

Category E

Licensee: Bedford Engineering Corporation
124 South Road, Box 252
Bedford, Massachusetts 01730

Facility Name: W. M. Hague Company

Inspection At: 124 South Road, Bedford, Massachusetts 01730

Inspection Conducted: November 21, 1985

Inspectors:

John T. Jensen
John T. Jensen, Health Physicist

1/30/86
date

John J. Miller
John J. Miller, Health Physicist

1/30/86
date

Approved by:

John E. Glenn
John E. Glenn, Ph.D, Chief, Nuclear
Materials Safety Section B

1/30/86
date

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REG1 LIC30
20-12140-01 PDR

DETAILS

1. Persons Contacted

Stephanie Boyd, Receptionist

2. Scope of Operations

Bedford Engineering Corporation is authorized by NRC License No. 20-12140-01 to use assorted sealed sources of americium-241, barium-133, cesium-137, gadolinium-153, and polonium-210, with activities spanning the millicurie to curie range, for development of gauging systems and for instrument calibration and evaluation. This license also authorizes the use of millicurie quantities of bismuth-207, cadmium-109, cesium-137, cobalt-60, and promethium-147 in any form for the aforementioned use.

3. Use of materials

The licensee was no longer present at this facility. The building was occupied by the W. M Hague Company. The receptionist for the W. M. Hague Company informed the inspectors that Bedford Engineering had left the facility and did not leave a forwarding address. The facility had been completely remodeled since Bedford Engineering Company last occupied the facility. The inspector spoke with the Landlord of the facility, Ken Luther, via the telephone. Mr. Luther informed the inspector that there was no indication (warning signs, postings, etc.) that radioactive material was present after Bedford Engineering Company had departed.

4. Radiation Survey Results

No radiation levels above background were detected throughout the building and building grounds.

5. Residual Materials

No residual radioactive materials were identified throughout the building and building grounds.

6. Instruments Used In Survey

Gamma radiation level measurements were made with a Ludlum Model 19 Micro R Meter, NRC Tag No. 9498, calibrated on July 9, 1985. Gamma-Beta radiation level measurements were made with an end window G-M Survey Meter, Ludlum Model 3, NRC Tag No. 7764, calibrated on September 10, 1985.