

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

Region I

Report No. 40-2940/80-01

Docket No. 40-2940

License No. SNM-346 Priority _____ Category _____

Licensee: N. L. Industries Avenue

1130 Central Avenue

Albany, New York 12205

Facility Name: Shipment

Inspection at: Beatty, Nevada

Inspection conducted: March 19, 1980

Inspectors: See attached report cover sheet

_____ date signed

_____ date signed

_____ date signed

Approved by: See attached report cover sheet

_____ date signed

Inspection Summary:

See attached report cover sheet

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

REGION V

Report No. 80-31

Docket No. 15000027 License No. _____ Safeguards Group _____

Licensee: _____

Facility Name: Nuclear Engineering Co.

Inspection at: Beatty, Nevada

Inspection conducted: March 19, 1980

Inspectors: B.A. Riedlinger 4/10/80
B.A. Riedlinger, Radiation Specialist Date Signed

Approved by: R.D. Thomas 4/14/80
R.D. Thomas, Chief, Materials Radiological Date Signed
Protection Section

Approved By: H.E. Book 4/15/80
H.E. Book, Chief, Fuel Facility and Materials Date Signed
Safety Branch

Summary: Inspection on March 19, 1980 (Report No. 15000027/80-31)

As a part of the inspection of incoming shipments of radioactive waste to NECO, Beatty, Nevada, during March 17 through 21, 1980 this inspection of trailer number 71519 was conducted on March 19, 1980. No packages were opened. No State of Nevada or DOT representatives were on site.

Results: One apparent item of noncompliance with DOT/NRC regulations was observed. See paragraph 3.

It appears that the Department of Transportation, the State of New York, and NRC Region I Office are the appropriate organizations to take enforcement actions.

DETAILS

Persons Contacted

Steve Carpenter, Site Manager, NECO, Beatty, Nevada
Brian Thayer, Assistant Site Manager
Jim Cruickshank, Radiation Safety Officer

Background

As a part of the inspection of incoming shipments of radioactive waste to NECO, Beatty, Nevada, during March 17 through 21, 1980, this inspection of trailer number 71519 was conducted on March 19, 1980.

Inspection

Licensee - Shipper: NL Industries, Inc.
Albany, New York

Shipment Inspected: March 19, 1980

Carrier: NL Industries
Hightstown, New Jersey

Trailer: 71519

Shipment Number: NEV-02

1. This enclosed trailer transported nine wooden boxes of solid scrap contaminated with U-238. This was an exclusive use shipment. The trailer was properly placarded.
2. A vehicle survey showed a maximum dose rate of 2 mR/hr at the surface of the trailer. The cab survey showed a dose rate of 0.5 mR/hr. Checks for removable radioactive contamination were made of the threshold of the trailer, of three boxes, and of the floor of the trailer after unloading. None of the checks disclosed removable contamination in excess of DOT limits.
3. One of the wooden boxes did not have a center support on the bottom. The bottom of the box was buckled and had pulled away from the sides of the box, revealing some of the contents. This appears to be in noncompliance with 49 CFR 173.392 (c)(1) which requires that materials be packed in strong, tight packages so that there will be no leakage of radioactive materials in transit.
4. Boxes were labeled with "Radioactive - LSA" stickers. Some of the stickers blew off the boxes during unloading.