

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

Region I

Report No. 40-2940/80-02

Docket No. 40-2940

License No. SUC-346 Priority _____ Category _____

Licensee: N. I. Industries Inc.

1130 Central Avenue

Albany, New York 12205

Facility Name: Shipment

Inspection at: Beatty, Nevada

Inspection conducted: March 21, 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

B007140 663

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

REGION V

Report No. 80-38

Docket No. 15000027 License No. _____ Safeguards Group _____

Licensee: _____

Facility Name: Nuclear Engineering Co.

Inspection at: Beatty, Nevada

Inspection conducted: March 21, 1980

Inspectors: B.A. Riedlinger 4/11/80
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 & Materials Date Signed
Safety Branch

Summary:

Inspection on March 21, 1980 (Report No. 15000027/80-38)

As 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 2143 was conducted on March 21, 1980. No packages were opened. A State of Nevada representative was present during the inspection. No DOT inspector was onsite during the inspection.

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
Larry Franks, Nevada State Health Division

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 2143 was conducted on March 21, 1980.

Inspection

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

Shipment Inspected: March 21, 1980

Carrier: NL Industries
Hightstown, New Jersey

Trailer: 2143

Shipment Number: NEV-03

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 1 mR/hr at the surface of the trailer. Checks for removable radioactive contamination showed no activity in excess of DOT limits.
3. During unloading, the inspector observed that the side of one box was pulling away from the rest of the container and that a plastic bag inside the box was visible through the gap. A second box in similar condition was later off loaded. The boxes appeared 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. The sticker for one box was almost completely removed during unloading.