

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

REGION V

Report No. 80-65

Docket No. 15000046

License No.

Licensee: Commonwealth Edison Company
Quad-Cities
50-254/80-17
50-265/80-19

Facility Name: Nuclear Engineering Company

Inspection At: Richland, WA

Inspection Conducted: May 28, 1980

Inspector:

P. C. Lovendale
P. C. Lovendale, Radiation Specialist
Region III

7/11/80
Date Signed

Approved By:

R. D. Thomas
R. D. Thomas, Chief, Matls. Radiological Prot. Sect.

July 23, 1980
Date Signed

Approved By:

H. E. Book
H. E. Book, Chief, Fuel Facility and
Materials Safety Branch

July 23, 1980
Date Signed

Inspection Summary

Inspection on May 28, 1980 (Report No. 15000046/80-65)

During the inspection of radioactive waste at Richland, Washington from May 27 to May 30, 1980, trailer 544142 was inspected. A representative of the State of Washington also examined the shipment.

Results: One apparent item of noncompliance with DOT regulations was identified (failure to meet strong, tight package requirement).

It appears that the Department of Transportation and the NRC Region III office are the appropriate organizations to take enforcement actions.

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DETAILS

Persons Contacted

V. Apple, Site Manager, NECO
R. Phalen, Assistant Site Manager
F. Dickson, Radiological Safety Officer
M. L. Blazek Washington State Department of Social and Health Services

In addition to the inspector, R. T. Kratzke of NMSS represented the NRC during the inspection.

Description of Shipment

Shipper: Commonwealth Edison Company (Quad Cities) (NRC Licensee)
Cordova, IL

Carrier: Tri State Motor Transit Company

Shipment Inspected: May 28, 1980

Trailer Number: 544142

Freight Bill: 344171

The shipment consisted of 28 drums, 3 Muncher Bins, and 2 Argonne Bins containing solid waste. Vehicle radiation levels did not exceed 10.0 mR/hr at the surface.

During the trailer unloading, the inspector observed that Argonne Bin No. 5-22-80-001 was missing several of the bolts which hold down the top of the bin. The remaining three bolts were loose and bent over. One side of the cover could be raised exposing the contents of the bin. There was no apparent leakage from the bin. The representative of the State of Washington took action to have the shipper's burial site permit suspended, because of the unacceptable condition of the shipment.

The Argonne Bin that was missing bolts was in apparent noncompliance with 49 CFR 173.392(c)(1), which states that LSA materials must be packaged in strong, tight packages