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

#### Region I

50-245/81-07

Report Nos. 50-336/81-06 (15000046/81-04)

50-245

Docket Nos. 50-336

DPR-21

License Nos. DPR-65 Priority -- Category

Licensee: Northeast Nuclear Energy Company

P. O. Box 270 Hartford, Connecticut 06101

Facility Name: Millstone Nuclear Power Station, Units 1 and 2

Inspection At: Richland, Washington

Inspection Conducted: March 12, 1981

#### Inspection Summary:

Inspection by Region V on March 12, 1981 (Region I Designation: Combined Report Nos. 50-245/81-07; 50-336/81-06. Region V Designation: Report No. 81-04)

Northeast Nuclear Energy Company was the originator of the waste shipment inspected at Richland, Washington by Region V.

Results: One apparent item of noncompliance with NRC/DOT regulations was observed. See paragraph 3 of the enclosed report. This item was discussed with Mr. E. Mroczka, the Plant Superintendent, by Mr. P. Clemons on March 28, 1981.

Region I Form 12 (Rev. April 77)

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

#### REGION V

Report No. 81-04	
Docket No. 15000046 License No.	Safeguards Group
Licensee:	
Facility Name: U. S. Ecology, Inc.	
Inspection at: Richland, Washington	
Inspection conducted: March 12, 1981	
	3/27/81
Approved By:  Residences  Rediation Specialist  Approved By:	3/27/81
R. D. Thomas, Chief Materials Radiological Protection Section	Date Signed
Approved By: A & Book. Chief	3/22/81
H. E. Book, Chief Radiological Safety Branch	Date Signed

Inspection on March 12, 1981 (Report No. 15000046/81-04)

As part of the low level waste inspection conducted during March 9-13, 1981, trailer number 242133 and associated shipping records were inspected on March 12, 1981 and are detailed in this report. No packages were opened. Two inspector hours were expended in this effort.

A representative from the Department of Transportation was not present during this inspection. Steven Matthews of the State of Washington Department of Social & Health Services was present during this inspection.

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

See paragraph 3 of the enclosed report. It appears that NRC Region I and the Department of Transportation are the appropriate organizations to take enforcement actions.

#### DETAILS

#### Persons Contacted

Vern Apple, Site Manager, U. S. Ecology, Inc.
Floyd Dickson, Radiation Control and Safety Officer, U. S. Ecology, Inc.
Rebecca Cropper, Radiation Technician, U. S. Ecology Inc.
Rob Rittenberg, Radiation Technician, U. S. Ecology Inc.
Steven Matthews, State of Washington, Department of Social & Health Services

#### Background

As a part of a low-level waste inspection conducted during March 9-13, 1981 at Richland, Washington, trailer number 242133 and associated shipping papers were inspected on March 12, 1981. Details of that inspection are given in this report. Radiation surveys were performed with one instrument:

Eberline E-520, serial number 1702, due for recalibration on 5/11/81.

An HP-270 G-M probe was used for radiation level surveys, and an HP-260 pancake probe was used to check for removable radioactive contamination.

### Inspection

Licensee-Shipper: Northeast Nuclear Energy Co. (Docket Nos. 05000245, 05000336,

05000423, 05000496, 05000497)

Waterford, Connecticut

Shipment Inspected: March 12, 1981

Carrier: Tri-State Motor Transit

Trailer: Transport International Pool 242133

Freight Bill: 371295

- This trailer transported 18 wooden boxes of LSA radioactive waste, a
  partial description of which is provided as Attachments A and B. This
  was an exclusive use shipment.
- Radiation surveys of the trailer indicated a maximum dose rate of 10 mr/hr at the surface of the trailer. The dose rate in the cab was measured to be 0.1 mr/hr.

- 3. 49 CFR 173.392(c)(8) requires that the outside of each package of low specific activity materials transported in an exclusive use vehicle be stencilled or otherwise marked, "Radioactive LSA". Contrary to this requirement, during the unloading on March 12, 1981, three boxes were observed to be without "Radioactive-LSA" markings. The boxes were Items 70-1, 83-1, and 69-1 as listed on the Radioactive Waste Shipment and Disposal Form.
- Checks of the floor of the trailer and of one box for removable radioactive contamination indicated no significant radioactive contamination above background.

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PHONE (223) 441:1/11
SHIPMENT NO. 21. 43.1
DATE OF SHIPMENT
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# NUCLEAR ENGINEERING COMPANY, INC.

EXECUTIVE OFFICE: (502) 426-7160

P.O. BOX 7246 • LOUISVILLE, KENTUCKY 40207

Illinois Office: (815) 454-2624 California Office: (415) 932-4800

No. 14628

PAGE JOF Y

D P.O. Box 578 Beatty, NV 89003 (702) 553-2203

P.O. Box 638 Richland, WA 99352 (509) 377-2411

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TOTAL QUANTITY	PROPER SHIPPING NAME & HAZARD CLASS (PER 49 CFR 172.101)							
	Radioactive Device, N.O.S.	- Radioactive Material						
	Radioactive Material, Fissile, N.O.S.	- Radioactive Material						
	Radioactive Material, Low Specific Activity, N.O.S.	- Radioactive Material						
	Radioactive Material, N.O.S.	- Radioactive Material						
	Radioactive Material, Limited Quantity, N.O.S.	- Radioactive Material	The second second					
	Radioactive Material, Special Form, N.O.S.	- Radioactive Material	The second secon					

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Leta Lather Sunday So William Role for Sel

THIS IS TO CERTIFY THAT ARTICLES ARE IN COMPLIANCE WITH ALL REGULATIONS APPLICABLE AT THE DESIGNATED DISPOSAL SITE

Authorized Signature

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ATTACHMENT B, p. 1 of a

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# NUCLEAR ENGINEERING COMPANY, INC.

P.O. BOX 7246 • LOUISVILLE, KENTUCKY 40207

Illinois Office: (815) 454-2624 California Office: (415) 932-4800

No. 14632

PAGE ZOF Y

(1) P.O. Box 578 Beatty, NV 89003 (702) 553-2203

M P.O. Box 638 Richland, WA 99352 (509) 377-2411

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TOTAL QUANTITY	PROPER SHIPPING NAME 6 HAZARD CLASS [PER 49 CFR 172 101]	TOTAL WEIGHT IN POUNDS	
	Radioactive Device, N.O.S.		
	Radioactive Material, Fissile, N.O.S.	- Radioactive Material	
	Radioactive Material, Low Specific Activity, N.O.S.	- Radioactive Material	
	Radioactive Material, N.O.S.	- Radioactive Material	
	Radioactive Material, Limited Quantity, N.O.S.	- Radioactive Material	
	Radioactive Material, Special Form, N.O.S.	- Radioactive Material	

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THIS IS TO CERTIFY THAT ARTICLES ARE IN COMPLIANCE WITH ALL REGULATIONS APPLICABLE AT THE DESIGNATED DISPOSAL SITE

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