



SAFEGUARDS INFORMATION

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10 CFR 73.37

10 CFR 73.21

Carolina Power & Light Company

Robinson Nuclear Plant
3581 West Entrance Road
Hartsville SC 29550

L23134

221AED

RNP-RA/00-0118

UNAUTHORIZED DISCLOSURE SUBJECT
TO CIVIL AND CRIMINAL SANCTIONS
10CFR73.80

Mr. Virgil R. Autry
Director, Division of Radioactive
Waste Management
Bureau of Land and Waste Management,
Department of Health and Environmental Control
2600 Bull Street
Columbia, SC 29201

RESPONSIBLE DEPARTMENT NMP Security
PLANT/SECTION Plant Support

Line Sgt. Mark Dalton
Hazardous Materials Coordinator
North Carolina State Highway Patrol
Research and Planning Section
4702 Mail Service Center
Raleigh, North Carolina 27699-4702

SGI No. SON 00-14

COPY
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OF
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H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

NOTIFICATION OF SPENT FUEL SHIPMENT

Ladies and Gentlemen:

In accordance with 10 CFR 73.37, the following information is provided concerning a forthcoming shipment of irradiated nuclear reactor fuel by Carolina Power & Light (CP&L) Company.

1. Name, Address, and Telephone Number of Shipper, Carrier, and Receiver

- a. Shipper: H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2
Docket No. 50-261
3581 West Entrance Road
Hartsville, SC 29550
(843) 857-1279/1278

WHEN SEPARATED FROM ENCLOSURES
HANDLE THIS DOCUMENT
AS DECONTROLLED

SAFEGUARDS INFORMATION

NMS505Public

1. Name, Address, and Telephone Number of Shipper, Carrier, and Receiver cont.

- b. Carrier: CSX Transportation
Chief Dispatcher
3019 Warrington Street
Jacksonville, FL 32205
(904) 381-2780
- c. Receiver: Harris Nuclear Plant (HNP)
Docket No. 50-400
P. O. Box 165
New Hill, NC 27562
(919) 362-2157

2. Description of Shipment - Radioactive material in IF-303 series shipping cask(s): Cask ID NO. USA/9001/B(Q)F; s/n IF-303, s/n IF-304.

- a. Cask(s) used this shipment: IF-303 AND IF-304
- b. Proper Shipping Name: Radioactive Material, Fissile, N.O.S., RQ
- c. DOT Hazard Class: 7
- d. DOT ID No: UN2918
- e. DOT Subtype: Highway Route Controlled Quantity
- f. Mode of Shipment: Rail
- g. Physical Form: Solid
- h. Chemical Form: Plutonium Oxide and Uranium Oxide
- i. "Exclusive Use Shipment"
- j. Radionuclides: Pu-238, Pu-241, Ba-137m, Am-241, Cm-244, Pu-240, Pu-239, Sr-90, Rh-106, Pr-144, Cm-243
- | | | | |
|----|-----------------------------|------------------------|-------------------|
| k. | Original Enrichment: | IF-303 | <u>3.58 w/o</u> |
| | | IF-304 | <u>3.57 w/o</u> |
| l. | Hazardous Material Quantity | IF-303 | <u>11235 lbs.</u> |
| | | IF-304 | <u>11235 lbs.</u> |
| m. | Total Curie Content: | IF-303 | <u>1.56 E +6</u> |
| | | IF-304 | <u>1.59 E +6</u> |
| n. | Transport Index: | IF-303 | <u>15</u> |
| | | IF-304 | <u>15</u> |
| o. | Category of Label | Radioactive Yellow III | |
| p. | Type of Reactor | PWR | |

South Carolina Department of Health and Environmental Control
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3. Route Within the States of North Carolina and South Carolina

- a. HBRSEP, Unit No. 2 to McBee, SC: CSX Railroad
- b. McBee, SC to Hamlet, NC: CSX Railroad
- c. Hamlet, NC to HNP: CSX Railroad

By copy of this correspondence, the Nuclear Regulatory Commission is provided notification of this shipment. In accordance with 10 CFR 73.21 and 10 CFR 73.37, the information on the attached is designated as Safeguards Information and shall be protected in accordance with provisions of 10 CFR 73.21.

Questions regarding this matter may be referred to Mr. H. K. Chernoff at (843) 857-1437.

Sincerely,



R. L. Warden
Manager - Regulatory Affairs

WMB/pmy
Attachment

- c: (1) U.S. Nuclear Regulatory Commission
Attn: Ms. Gloria Bennington
NMSS: SFPO-MS: OWFN-13F-D-13
11555 Rockville Pike
Rockville, MD 20852-2738
- (2) Director, Division of Industrial and Medical Nuclear Safety
U.S. Nuclear Regulatory Commission
Attn: Dr. Donald A. Cool
NMSS:IMNS-MS: 8F5
11545 Rockville Pike
Rockville, MD 20852-2738
- (3) United States Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

South Carolina Department of Health and Environmental Control
North Carolina State Highway Patrol
Serial: RNP-RA/00-0107

bcc: Mr. Denny Braund
Harris Nuclear Plant
5413 Shearon Harris Road
New Hill, NC 27562