

CP&L

Carolina Power & Light Company

Robinson Nuclear Plant
3581 West Entrance Road
Hartsville SC 29550

File: 13020DE

Serial: RNP-RA/96-0194

OCT 24 1996

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

First Sergeant Terry C. Stroud,
Hazardous Material Coordinator
North Carolina State Highway Patrol
512 N. Salisbury St.
Raleigh, NC 27626-0590

**H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
NOTIFICATION OF SPENT FUEL SHIPMENT**

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
(803) 857-1279/1278
- b. Carrier: CSX Transportation
Chief Dispatcher
3019 Warrington Street
Jacksonville, FL 32205
(904) 381-2780

9611190058 961024
PDR ADOCK 05000261
F PDR

SAFEGUARDS INFORMATION

okay per DED

Highway 151 and SC 23 Hartsville SC

WHEN SEPARATED FROM ENCLOSURES
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- c. Receiver: Shearon Harris Nuclear Power Plant (SHNPP)
Docket No. 50-400
P. O. Box 165
New Hill, NC 27562
(919) 362-2157

2. Description of Shipment - Radioactive material in IF-300 series shipping cask(s): Cask ID NO. USA/9001/B(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: Cm-244, Pu-238, Pu-241, Am-241, Pm-240, Pu-239, Ru-106
- k. Original Enrichment: IF-303 3.43 w/o
IF-304 3.42 w/o
- l. Hazardous Material Quantity: IF-303 11235 lbs. Est.
IF-304 11235 lbs. Est.
- m. Total Curie Content: IF-303 1.342 E+6 Est.
IF-304 1.516 E+6 Est.
- n. Transport Index: IF-303 15.00 Est.
IF-304 15.00 Est.
- o. Category of Label: Radioactive Yellow III
- p. Type of Reactor: PWR

3. Route Within the States of North Carolina and South Carolina

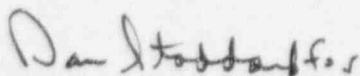
- a. HBRSEP, Unit No.2 to McBee, SC: CSX Railroad
- b. McBee, SC to Hamlet, NC: CSX Railroad
- c. Hamlet, NC to SHNPP: CSX Railroad

Mr. Virgil R. Autry
First Sergeant Terry C. Stroud
Serial: RNP-RA/96-0193
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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 me at (803) 857-1802.

Very truly yours,



R. M. Krich
Manager - Regulatory Affairs

WMB/klb

- c: (1) U.S. Nuclear Regulatory Commission
Attn: Ms. Gloria Bennington
NMSS: SFPO-MS: OWFN-6 F-18
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
11555 Rockville Pike
Rockville, MD 20852-2738