



Carolina Power & Light Company

CONTAINS INFORMATION
WHICH IS:
SAFEGUARDS INFORMATION

Brunswick Steam Electric Plant
P. O. Box 10429
Southport, NC 28461

05000324330Y
3/12/5 56-324

WHEN SEPARATED FROM ENCLOSURES,
HANDLE THIS DOCUMENT AS DECONTROLLED

9-13-94

FILE: B10-1302

First Sergeant Terry C. Stroud
Hazardous Material Coordinator
North Carolina State Highway Patrol
512 North Salisbury Street
P. O. Box 27687
Raleigh, NC 27611-7687

Dear First Sergeant Terry C. Stroud:

In accordance with 10CFR73.37, the following information is provided concerning a forthcoming shipment of irradiated nuclear reactor fuel by CP&L.

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

a. Shipper: Brunswick Nuclear Project
Docket Nos. 50-325 and 50-324
P. O. Box 10429
Southport, NC 28461
(919) 457-2201

b. Carriers: CSX Transportation U. S. Army
Chief Dispatcher Military Ocean Terminal
3019 Warrington Street Sunny Point
Jacksonville, FL 32205 Southport, NC 28461-5000
(904) 381-2780 (919) 341-8315

c. Receiver: Harris Nuclear Project
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

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9409160166 940913
PDR ADOCK 05000324
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File: Sergeant Terry C. Stroud -2-

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- b. Proper Shipping Name: Radioactive Material, Fissile, N.O.S., RQ
- c. DOT Hazard Class: Radioactive Material; Fissile I
- 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 dioxide and uranium dioxide
- i. Radionuclides: Pu-239, Pu-241, U-235, U-238, and mixed fission products
- j. Original Enrichment:

IF-303	2.12 MAX	
IF-304	2.12 MAX	
- k. Hazardous Material Quantity:

IF-303	10251 lbs.	Est.
IF-304	10251 lbs.	Est.
- l. Total Curie Content:

IF-303	6.871 E+5	Est.
IF-304	7.521 E+5	Est.
- m. Transport Index:

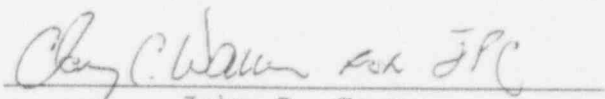
IF-303	35.0	Est.
IF-304	35.0	Est.
- n. Category of Label: Radioactive Yellow III
- o. Type of Reactor: BWR

3. Route Within the State of North Carolina

- a. Brunswick Nuclear Project to Leland, NC: Sunny Point Military Ocean Terminal Railroad
- b. Leland, NC to Hamlet, NC: CSX Railroad
- c. Hamlet, NC to Harris Nuclear Project: CSX Railroad

By copy of this correspondence, the Nuclear Regulatory Commission is provided notification of this shipment.

In accordance with 10CFR73.21 and 10CFR73.37, the information on the attached is designated as safeguards information and shall be protected in accordance with provisions of 10CFR73.21.


 John P. Cowan
 Director Site Operations
 Brunswick Steam Electric Plant

GLW/pna

Attachment

First Sergeant Terry C. Stroud

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cc: (1) U.S. Nuclear Regulatory Commission
ATTN: Mr. John Cook
Storage & Transport Systems Branch
Mail Stop: TWFN 8 F-5
Washington D.C. 20555

(2) Regional Administrator
U.S. Nuclear Regulatory Commission
Region II
ATTN: Mr. David R. McGuire
101 Marietta St., NW
Atlanta, GA 30323

(3) Mr. Robert Kunita