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WHEN SEPARATED FROM ENCLOSURES,  
HANDLE THIS DOCUMENT AS DECONTROLLED

Carolina Power & Light Company

CONTAINS INFORMATION  
WHICH IS:  
SAFEGUARDS INFORMATION

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

01-20-95

FILE: B10-13020

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  
(910) 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      (910) 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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- b. Proper Shipping Name: Radioactive Material, Fissile, N.O.S., 7, 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	<u>2.99 MAX</u>	
IF-304	<u>2.67 MAX</u>	
- k. Hazardous Material Quantity:

IF-303	<u>10251 lbs.</u>	Est.
IF-304	<u>10251 lbs.</u>	Est.
- l. Total Curie Content:

IF-303	<u>1.635 E+6</u>	Est.
IF-304	<u>9.325 E+5</u>	Est.
- m. Transport Index:

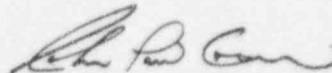
IF-303	<u>35.0</u>	Est.
IF-304	<u>35.0</u>	Est.
- n. Category of Label: Radioactive Yellow III
- o. Type of Reactor: BWR

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

Attachment

First Sergeant Terry C. Stroud

-3-

01-20-95

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  
PO BOX 2257  
Atlanta, GA 30323

(3) Mr. Robert Kunita