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Brunswick Nuclear Plant  
P. O. Box 10429  
Southport, NC 28461

CONTAINS INFORMATION  
WHICH IS:  
SAFEGUARDS INFORMATION

05-02-96

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 Plant  
Docket Nos. 50-325 and 50-324  
P. O. Box 10429  
Southport, NC 28461  
(910) 457-2375

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 Plant  
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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PDR ADDCK 05000324  
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WHEN SEPARATED FROM ENCLOSURES,  
THIS DOCUMENT AS DECONTROLLED

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- b. Proper Shipping Name: Radioactive Material, Fissile, N.O.S., 7, RQ
- c. DOT Hazard Class: Radioactive Material; Fissile
- 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. Radionuclides: Am-241, Pu-238, Pu-241, Pu-240, Cm-244, Pu-239, Sr-90.
- j. Original Enrichment:

IF-303	<u>3.01</u>	
IF-304	<u>3.01</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>1.726 E+6</u>	Est.
IF-304	<u>1.519 E+6</u>	Est.
- m. Transport Index:

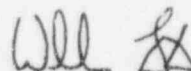
IF-303	<u>30.0</u>	Est.
IF-304	<u>30.0</u>	Est.
- n. Category of Label: Radioactive Yellow III
- o. Type of Reactor: BWR

3. Route Within the State of North Carolina

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



William Levis  
Director Site Operations  
Brunswick Nuclear Plant

DBH/pna  
Attachment

First Sergeant Terry C. Stroud

-3-

05-02-96

- cc: (1) U.S. Nuclear Regulatory Commission  
ATTN: Ms. Gloria Bennington  
NMSS:SFPO-MS: OWFN-6 F-18  
Washington D.C. 20555
- (2) Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region II  
ATTN: Bill Tobin  
PO BOX 2257  
Atlanta, GA 30301
- (3) Mr. Robert Kunita  
CP&L OHS 9B5  
410 South Wilmington Street  
Raleigh, NC 27601
- (4) Mr. Ed Wills (Zone 5)  
Harris Nuclear Plant  
State Road 1135  
New Hill, NC 27562