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CONTAINS INFORMATION
WHICH IS:
SAFEGUARDS INFORMATION

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L22557

Brunswick Nuclear Plant
P.O. Box 10429
Southport N.C. 28461

01/09/98

FILE: B10-13020

WHEN SEPARATED FROM ENCLOSURES,
HANDLE THIS DOCUMENT AS DECONTROLLED

First Sergeant Terry C. Stroud
Hazardous Material Coordinator
North Carolina State Highway Patrol
P. O. Box 29590
Raleigh, NC 27626-0590

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
5413 Shearon Harris Rd.
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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01/09/98

- 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 2.98
IF-304 2.99
- k. Hazardous Material Quantity: IF-303 10251 lbs. Est.
IF-304 10251 lbs. Est.
- l. Total Becquerel (Ci.) Content: IF-303 9.050E+5TBq/2.446E+7Est.
IF-304 8.966E+5TBq/2.423E+7Est.
- m. Transport Index: IF-303 30 Est.
IF-304 30 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.

Scotty Hinnant

Scotty Hinnant
V.P./Director Site Operations
Brunswick Nuclear Plant

- cc: (1) U.S. Nuclear Regulatory Commission
Spent Fuel Project Office
Attn. Ms. Gloria Bennington
NMSS: SFPO-MS: OWFN-6F-18
11555 Rockville Pike
Rockville, MD. 20852-2738
- (2) Director,
Division of Industrial
and Medical Nuclear Safety
NMSS: IMNS-MS:TWF8F5
11545 Rockville Pike
Rockville, MD. 20852-2738
- (3) Mr. Ed Wills (Zone 5)
Harris Nuclear Plant
P.O. Box 165
5413 Shearon Harris Rd.
New Hill, NC 27562
- (4) Harris Nuclear Plant (Consignee) Designee
Denny Braund
Harris Security
Harris Nuclear Plant
P.O. Box 165
5413 Shearon Harris Rd.
New Hill, NC 27562