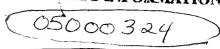


Brunswick Nuclear Plant P.O. Box 10429 Southport N.C. 28461

November 5, 2001

050003248004 308105ED CONTAINS INFORMATION WHICH IS: SAFEGUARDS INFORMATION



WHEN SEPARATED FROM ENCLOSURES, HANDLE THIS DOCUMENT AS DECONTROLLED

Sergeant Mark Dalton Hazardous Material Coordinator North Carolina State Highway Patrol Research and Planning 4702 Mail Service Center Raleigh, NC 27699 - 4702

Dear Sergeant Dalton:

In accordance with 10 CFR73.37, 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** 

Chief Dispatcher

3019 Warrington St.

Jacksonville, FL 32205

(904) 381-2780

U.S. Army

Military Ocean Terminal

**Sunny Point** 

Southport, NC 28461-5000

(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, IF-304

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

Plutonium Oxide and Uranium Oxide

h. Chemical Form:

Am-241, Pu-238, Pu-241, Pu-240, Cm-244, Pu-239, Sr-90

i. Radionuclides: i. Original Enrichment:

IF-303: 3.00

IF-304: 3.00

k. Hazardous Material Quantity:

10,251 IF-303:

Lbs. Estimated

IF-304: 10,251 Lbs. Estimated

1. Total Becquerel / Curie Content:

Curies

TBq TBq 1.299E6

IF-303: 4.805E4

IF-304: 4.858E4

1.313E6

Curies

MSS05

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

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

Sergeant Mark Dalton

2

11/05/2001

m. Transport Index:

IF-303:

30 Estimated

IF-304:

30 Estimated

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

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 attachment is designated as safeguards information and shall be protected in accordance with the provisions of 10CFR73.21.

J. S. Keenan Vice President Brunswick Nuclear Plant

DBH/dbh Attachment

cc:

c.

- (1) U.S. Nuclear Regulatory Commission Spent Fuel Project Office 11555 Rockville Pike Rockville, MD 20852-2738
- U.S. Nuclear Regulatory Commission Director, Division of Industrial and Medical Nuclear Safety 11545 Rockville Pike Rockville, MD 20852-2738
- (2) Harris Nuclear Plant
  Denny Braund
  Harris Security
  5413 Shearon Harris Rd.
  New Hill, NC 27562