



Carolina Power & Light Company

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

09-25-95

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CONTAINS INFORMATION
WHICH IS:
SAFEGUARDS INFORMATION

WHEN SEPARATED FROM ENCLOSURES,
HANDLE THIS DOCUMENT AS DECONTROLLED

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

50-324

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) 457-2201
- 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 (510) 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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- 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>3.01 MAX</u> | |
| IF-304 | <u>3.01 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>2.164 E+6</u> | Est. |
| IF-304 | <u>1.904 E+6</u> | Est. |
- m. Transport Index:

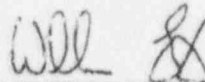
| | | |
|--------|-------------|------|
| IF-303 | <u>35.0</u> | Est. |
| IF-304 | <u>35.0</u> | Est. |
- n. Category of Label: Radioactive Yellow III
- o. Type of Reactor: BWR

3. Route Within the State of North Carolina

- a. Brunswick Nuclear 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

Attachment

First Sergeant Terry C. Stroud

-3-

09-25-95

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 30301

(3) Mr. Robert Kunita