

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

August 13, 1998

050-00324610Y

CONTAINS INFORMATION
 WHICH IS:
 SAFEGUARDS INFORMATION

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WITHIN SEPARATED FROM ENCLOSURES,
 HANDLE THIS DOCUMENT AS DECONTROLLED

Sergeant Mark Dalton
 Hazardous Material Coordinator
 North Carolina State Highway Patrol
 P.O.Box 29590
 Raleigh, NC 27626 - 0590

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 U.S. Army
 Chief Dispatcher Military Ocean Terminal
 3019 Warrington St. 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, 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
- 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: 2.75
 IF-304: 2.76
- k. Hazardous Material Quantity: IF-303: 10,251 Lbs. Estimated
 IF-304: 10,251 Lbs. Estimated
- l. Total Becquerel / Curie Content: IF-303: 2.944E4 TBq 7.957E5 Curies
 IF-304: 2.988E4 TBq 8.077E5 Curies

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NMOS

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

Sergeant Mark Dalton

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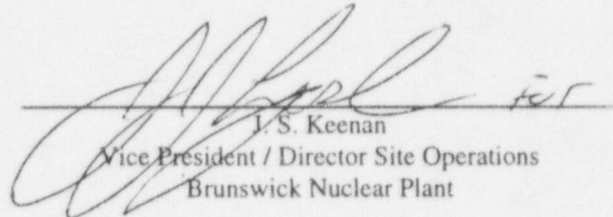
m. Transport Index: IF-303: 30 Estimated
IF-304: 30 Estimated
n. Category of Label: Radioactive Yellow III
o. Type of Reactor: BWR

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


L. S. Keenan
Vice President / Director Site Operations
Brunswick Nuclear Plant

DBH/dbh
Attachment

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