

May 11, 2001

Mr. Terry Morton
Manager - Performance Evaluation
and Regulatory Affairs
Carolina Power & Light Nuclear
Generation Group
PO Box 1551 CPB 9A
Raleigh, NC 27602

Dear Mr. Morton:

This is in regard to your request dated March 4, 1999, for two rail routes to be used for transport of spent fuel from the Brunswick Steam Electric Plant, Southport, North Carolina, and the H. B. Robinson Steam Electric Plant, Hartsville, South Carolina, to the Shearon Harris Nuclear Power Plant, near New Hill, South Carolina.

The routes, as set forth in Enclosure 1 of each route, meet the regulatory requirements of 10 CFR 73.37. Enclosure 2 of each route constitutes the route approval. Unless renewed, these route approvals will expire two years from the date of this letter. Note that transportation of licensed radioactive material must be conducted in compliance with applicable U.S. Department of Transportation regulations.

Note that 10 CFR 73.37(d)(3) requires rail shipments to be accompanied by escorts who have communications capability to summon assistance in case of an emergency. NRC staff have completed the arrangements with law enforcement agencies required by 10 CFR 73.37(b)(6). Information on these arrangements is provided in Enclosure 2 for each route, and is to be incorporated into your shipment plans and provided to your carrier along with instructions regarding its use.

The notification requirements of 10 CFR 73.37(f) and 73.72, and the information protection requirements of 10 CFR 73.21, apply for each shipment made under these approvals. When making notification to this office under 10 CFR 73.72, please confirm that the appropriate governors or designees will or have been notified.

Should you require additional information or have questions concerning this matter, please contact Gloria Bennington of my staff at (301) 415-8524.

Sincerely, *15/ E. William Brach*

for Charles L. Miller, Deputy Director
Licensing and Inspection Directorate
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

Docket Nos. 50-324, 50-261

UPON REMOVAL OF ATTACHMENT THIS DOCUMENT IS:

- Enclosures:
1. Rail Route #130
2. Rail Route #135

decontrolled
Enclosures 1 of #130 & 135 are unclassified

C = COVER		E = COVER & ENCLOSURE		N = NO COPY			
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	<i>gb</i> GBennington/gb	<i>gb</i>	JRCook		<i>MT</i>		<i>CL</i> Miller
DATE	05/10/01		05/10/01		05/10/01		05/11/01

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Brunswick/Shearon Harris (#130) & Robinson/Shearon Harris (#135)

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Docket File 050-00261/00324
Case File 050-00261340R0/00324740R
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SAFEGUARDS INFORMATION
UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

May 11, 2001

Mr. Terry Morton
Manager - Performance Evaluation
and Regulatory Affairs
Carolina Power & Light Nuclear
Generation Group
PO Box 1551 CPB 9A
Raleigh, NC 27602

Dear Mr. Morton:

This is in regard to your request dated March 6, 2001, and as supplemented March 22, 2001, for two rail routes to be used for transport of spent fuel from the Brunswick Steam Electric Plant, Southport, North Carolina, and the H. B. Robinson Steam Electric Plant, Hartsville, South Carolina, to the Shearon Harris Nuclear Power Plant, near New Hill, South Carolina.

The routes, as set forth in Enclosure 1 of each route, meet the regulatory requirements of 10 CFR 73.37. Enclosures 2 and 3 of each route constitutes the route approval. Unless renewed, these route approvals will expire two years from the date of this letter. Note that transportation of licensed radioactive material must be conducted in compliance with applicable U.S. Department of Transportation regulations.

Note that 10 CFR 73.37(d)(3) requires rail shipments to be accompanied by escorts who have communications capability to summon assistance in case of an emergency. NRC staff have completed the arrangements with law enforcement agencies required by 10 CFR 73.37(b)(6). Information on these arrangements is provided in Enclosure 2 for each route, and is to be incorporated into your shipment plans and provided to your carrier along with instructions regarding its use.

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Should you require additional information or have questions concerning this matter, please contact Gloria Bennington of my staff at (301) 415-8524.

Sincerely,

Charles L. Miller, Deputy Director
Licensing and Inspection Directorate
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

Docket Nos. 50-324, 50-261

- Enclosures:
1. Rail Route #130
2. Rail Route #135

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decentralized

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SAFEGUARDS INFORMATION

RAIL ROUTE #130

BRUNSWICK STEAM ELECTRIC PLANT
SOUTHPORT, NORTH CAROLINA

TO

SHEARON HARRIS NUCLEAR POWER PLANT
NEAR NEW HILL, NORTH CAROLINA

UNCLASSIFIED

Enclosure 1

RAIL TRANSPORTATION ROUTE

BRUNSWICK STEAM ELECTRIC PLANT
SOUTHPORT, NORTH CAROLINA

TO

SHEARON HARRIS NUCLEAR POWER PLANT
NEAR NEW HILL, NORTH CAROLINA

NORTH CAROLINA

1.	Brunswick Steam Electric Plant, Southport, NC through the Sunny Point Military Ocean Terminal to Leland, NC	18 miles
2.	Leland, NC west over CSX tracks to Hamlet, NC	119 miles
3.	Hamlet, NC north over CSX tracks to Bonsal, NC	<u>70 miles</u>
	Total	207 miles

Individual receiving advance notification of spent fuel shipment pursuant to 10 CFR 73.37(f):
Line Sgt. Mark Dalton, 919-733-5282; after hours, 919-733-3861.

RAIL ROUTE #135

H. B. ROBINSON STEAM ELECTRIC PLANT
HARTSVILLE, SOUTH CAROLINA

TO

SHEARON HARRIS NUCLEAR POWER PLANT
NEAR NEW HILL, NORTH CAROLINA

UNCLASSIFIED

Enclosure 1

RAIL TRANSPORTATION ROUTE

H. B. ROBINSON STEAM ELECTRIC PLANT
HARTSVILLE, SOUTH CAROLINA

TO

SHEARON HARRIS NUCLEAR POWER PLANT
NEAR NEW HILL, NORTH CAROLINA

SOUTH CAROLINA

1.	H. B. Robinson Steam Electric Plant, Hartsville, SC to McBee, SC	6 miles
2.	McBee, SC north to the NC state line	<u>40 miles</u>
	Subtotal	46 miles

NORTH CAROLINA

3.	NC state line north over CSX tracks to Bonsal, NC	83 miles
4.	Bonsal, NC west to Shearon Harris Nuclear Power Plant	<u>3 miles</u>
	Subtotal	86 miles
	TOTAL	132 miles

SOUTH CAROLINA

Individual receiving advance notification of spent fuel shipment pursuant to 10 CFR 73.37(f):
Henry J. Porter, 803-896-4245; after hours, 803-253-6488.

NORTH CAROLINA

Individual receiving advance notification of spent fuel shipment pursuant to 10 CFR 73.37(f):
Line Sgt. Mark Dalton, 919-733-5282; after hours, 919-733-3861.

UNCLASSIFIED