

SAFEGUARDS INFORMATION

103C

DEC 15 1987

*Please return to:
Gloria Bennington
825-55*

SGTB:CRH
11000454210R

Edlow International Company
ATTN: Mr. Norman Ravenscroft
Vice President, Operations
1815 H Street, N.W., Suite 910
Washington, D.C. 20006

Gentlemen:

This is in regard to your request for approval of a route to be used for transport of spent reactor fuel as contained in your letter of December 8, 1987.

The route from Portsmouth, Virginia to the Department of Energy Savannah River Plant, including the transient ports of Port Elizabeth, New Jersey and Baltimore, Maryland, as requested in your letter is judged to meet the regulatory requirements in accordance with 10 CFR 73.37 for shipments of spent fuel under import license ISNM-79007 and is approved through December 31, 1988. In the event your carrier is required to deviate from the approved route, please call the contact listed on page 2 of this letter as soon as possible providing the details.

Arrangements with law enforcement agencies along the route as required by 10 CFR 73.37(a)(2) have been completed by the NRC staff. Data relating to these arrangements and a copy of the approved route are enclosed. This information is to be incorporated into your shipment plans and provided to your carrier along with instructions regarding its use.

Please note that assuring highway safety is the responsibility of the licensee and carrier and our approval is not intended to provide relief in this regard.

During seasonal periods when inclement weather with accompanying hazardous road conditions can occur with short notice, the appropriate state police should be contacted with regard to road conditions before a shipment commences.

Please note that the notification requirements of 10 CFR 73.37(f) and 73.72 for each shipment still apply. When making a notification to a governor or his designee, it should be very specific especially with regard to notification of series shipments. Written notification must designate exactly how many individual shipments are to be included. In the event the number of shipments in a series is revised, the change notification should indicate that it is

OFFICE	Document Transmitted Herewith	UPON REMOVAL OF ATTACHMENT THIS DOCUMENT IS:	
SURNAME	Contains Safeguards Information	<i>decontrolled</i>	
DATE	8712160389 871215	<i>Enclosure has been destroyed</i>	
NRC FORM	PDR XPORT ISNM-79007	PDR	
OFFICIAL RECORD		DS INFORMATION	
		☆ U.S. GPO 1983-400-247	

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Mr. Norman Ravenscroft

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a revision of the original notification and an increase or decrease in the number of shipments. In addition, the change notification should specify that the information for any of the shipments in the revised series may not be decontrolled until ten days after the arrival at the destination of the last shipment in that series.

Should you require additional information or have questions concerning this matter, please contact Charles Hillman of my staff at (301) 427-4220.

Sincerely,

15/ Charles E. MacDonald

Charles E. MacDonald, Chief
Transportation Branch
Division of Safeguards and
Transportation, NMSS

Enclosures:
As stated

DISTRIBUTION:

w/enclosure
Docket File 110-454
Case File 110-454
Region I
Region II

w/o enclosure
NMSS r/f
SGTB r/f
RFonner
LCRouse
DWeiss
CHillman
JCook
RBurnett

PDR (Sanitized)

Route only
SGagner, PA

OFFICE	SGTB	SGTB	SGTB			
SURNAME	CHillman	JCook	MacDonald			
DATE	12/14/87	12/14/87	12/15/87			

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SPENT NUCLEAR FUEL ROUTE
PORTSMOUTH MARINE TERMINAL, PORTSMOUTH, VIRGINIA
TO
DOE SAVANNAH RIVER PLANT
AIKEN, SOUTH CAROLINA
DECEMBER 1987

SUMMARY OF LEA RESPONSE CAPABILITIES AND SAFE HAVENS

ROAD TRANSPORTATION ROUTE

PORTSMOUTH MARINE TERMINAL, PORTSMOUTH, VIRGINIA

TO

DOE SAVANNAH RIVER PLANT, AIKEN, SOUTH CAROLINA

NOTE: Safe havens are indicated on the route strip charts by a lower case letter of the alphabet in parenthesis. These safe havens were designated by the NRC route analysis teams with the assistance of law enforcement agencies along the route as available for temporary refuge until appropriate assistance arrives. The basic criteria used to identify a safe haven were availability of a large parking area, nighttime lighting, where possible, and rapid law enforcement response to the safe haven.

Should a safe haven be required, refer to the following state summaries for specific identification and location.

ROAD TRANSPORTATION ROUTE

PORTSMOUTH MARINE TERMINAL, PORTSMOUTH, VIRGINIA

TO

DOE SAVANNAH RIVER PLANT, AIKEN, SOUTH CAROLINA

Total Mileage 434VIRGINIA

1. US-58 west to US-17*	1.5 miles
2. US-17 south to I-264*	1.0 mile
3. I-264 west to US-58*	3.5 miles
4. US-58 west to I-95**	68.0 miles
5. I-95 south to North Carolina	<u>12.0 miles</u>

Subtotal 86.0 miles

NORTH CAROLINA

6. I-95 south to South Carolina	<u>181.0 miles</u>
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Subtotal 181.0 miles

SOUTH CAROLINA

7. I-95 south to US-301	102.0 miles
8. US-301 west to SC-70***	27.0 miles
9. SC-70 west to SC-64***	31.0 miles
10. SC-64 west to Savannah River Plant***	<u>7.0 miles</u>

Subtotal 167.0 miles

Grand Total 434.0 miles

- * Access to or exit from Interstate or State Preferred Routes.
 ** State Preferred Route, Department of Health, Commonwealth of Virginia letter January 12, 1984.
 *** State Preferred Route, South Carolina Department of Health and Environmental Control letter January 11, 1984.

FOOD AND FUEL STOPS

The businesses and locations listed below were identified by the NRC route analysis teams as possible food and fuel stops. All possible stops along the route are not listed. Only a few of the locations were visited by the NRC teams. In order to be listed, food and fuel stops were required to be close to the route.

VIRGINIA

1. City of Franklin. Multiple food and fuel stops, Southampton County.
2. City of Emporia. Multiple food and fuel stops, Greensville County.

NORTH CAROLINA

1. Truckstops of America. Exit 176 approximately six miles south of the Virginia/North Carolina state line, Northampton County.
2. Lakewood Truck Stop. Exit 168 at intersection of I-95 and NC Route 903, nine miles south of the Virginia/North Carolina state line, Halifax County.
3. The 301 Truck Stop. Fayetteville, NC, monitors Citizens Band radio, Cumberland County.

SOUTH CAROLINA

1. Union 76 Truck Stop. I-95, Milemarker (mm) 133, Clarendon County.
2. Truckstops of America. Exit 102, four miles north of Santee, Clarendon County.
3. Multiple Truck Stops, Santee. I-95, mm 97, Orangeburg County.
4. Multiple Truck Stops, Orangeburg Area. On US-301, Orangeburg County.

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VIRGINIA/NORTH CAROLINA

Statewide Emergency Number: 1-800-582-8350 or 911

Statewide Emergency Number: 1-800-652-7556 or 911

EMPORIA
CP (804) 634-6502

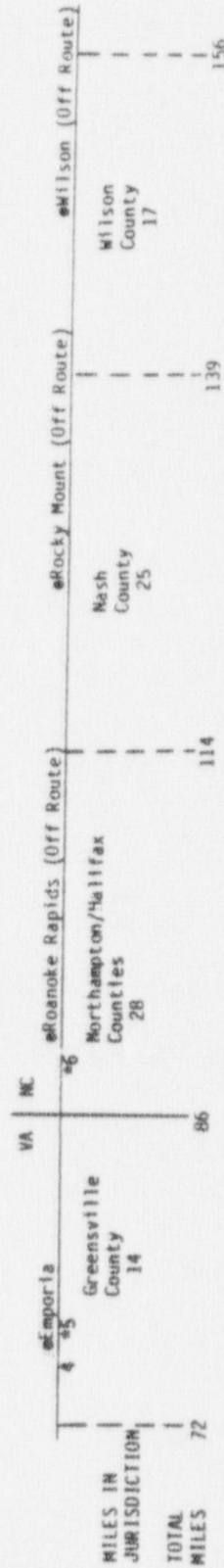
ROCKY MOUNT
HP (919) 446-8144

WILSON
HP (919) 237-5294
After 5 p.m. (919) 733-3861
(Raleigh Dispatcher)

Comm: MT, CH 19, R
LEA: CP

MT, CH 19
HP

MT, CH 9
HP



KEY

- LEA Response Center
- HP/SP Highway Patrol/State Police
- S Sheriff
- CP City Police
- C.P. County Police
- CB Radio Monitored (Base)
- CB Radio Monitored (Car)
- Channel Monitored
- React Group
- MT Mobile Telephone (Useable)
- E Escort Required

ROAD TRANSPORTATION ROUTE - PORTSMOUTH MARINE TERMINAL, PORTSMOUTH, VA
TO THE DUE SAVANNAH RIVER PLANT, AIKEN, SC

- 4. US-58 west to I-95 (68.0 miles);
- 5. I-95 south to North Carolina (12.0 miles);
- 6. I-95 south to South Carolina (181.0 miles);

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Statewide Emergency Number: 1-800-662-7956 or 911

SMITHFIELD
HP (919) 934-2186

NORTH CAROLINA

FAYETTEVILLE
HP (919) 486-1334

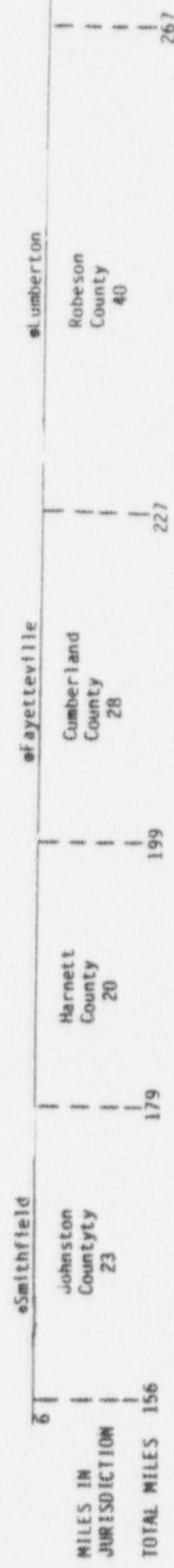
LUMBERTON
HP (919) 862-3133

Comm:

MT, CH 19, R

LEA: HP

CH 19
HP



KEY

- HP/SP LEA Response Center
- S Highway Patrol/State Police
- CP Sheriff
- City Police
- CB Radio Monitored (Base)
- CB Radio Monitored (Car)
- CH/No. Channel Monitored
- R React Group
- MT Mobile Telephone (Useable)
- E Escort Required

ROAD TRANSPORTATION ROUTE - PORTSMOUTH MARINE TERMINAL, PORTSMOUTH, VA
TO THE DOE SAVANNAH RIVER PLANT, Aiken, SC

6. I-95 south to South Carolina (181 miles);

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SOUTH CAROLINA

FLORENCE
HP (803) 662-4302

SUMTER
HP (803) 775-5353

Comm: MT CH 9/19

MT CH 9

LEA:

HP

NC	SC	Florence	Sumter (off route)	Clarendon
		Florence County 28	Sumter County 14	Clarendon County 33
		291	319	333
				366

MILES IN JURISDICTION:

TOTAL MILES 267

KEY

- LEA Response Center
- HP/SP Highway Patrol/State Police
- S Sheriff
- CP City Police
- CB Radio Monitored (Base)
- CB Radio Monitored (Car)
- Channel Monitored
- CH/No. React Group
- R Mobile Telephone (Useable)
- MT
- E Escort Required

ROAD TRANSPORTATION ROUTE - PORTSMOUTH MARINE TERMINAL, PORTSMOUTH, VA
TO THE DOE SAVANNAH RIVER PLANT, AIKEN, SC

*7. 1-95 south to US-301 (102 miles);

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SOUTH CAROLINA

ORANGEBURG
HP (803) 534-3409

MT CH 9/19/R

HP

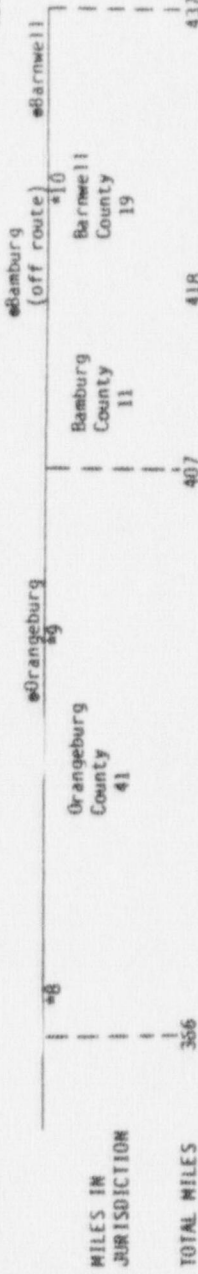
BARNWELL
HP (803) 259-1411
S (803) 259-3083

BAMBURG
HP (803) 534-3409

MT CH 9

HP, S

Savannah River Plant



KEY

- LEA Response Center
- HP/SP Highway Patrol/State Police
- S Sheriff
- CP City Police
- CB Radio Monitored (Base)
- CB Radio Monitored (Car)
- CH/No. Channel Monitored
- R React Group
- MT Mobile Telephone (Useable)
- E Escort Required

ROAD TRANSPORTATION ROUTE - PORTSMOUTH MARINE TERMINAL, PORTSMOUTH, VA
TO THE DOE SAVANNAH RIVER PLANT, AIKEN, SC

- *8. US-301 west to SC-70 (27 miles);
- *9. SC-70 west to SC-64 (28 miles); and
- *10. SC-64 west to Savannah River Plant (13 miles).