

# SAFEGUARDS INFORMATION

*Please return to:*

*Gloria M. Bennington*

FEB 19 1986

*Enclosure has been  
sanitized.*

SERT:CRH  
11002593570R

Transnuclear, Inc.  
ATTN: Ms. Anna Fuentes  
Traffic Coordinator  
One Skyline Place  
5205 Leesburg Pike  
Falls Church, VA 22041

## SAFEGUARDS INFORMATION

Unauthorized disclosure subject to  
Administrative and Criminal sanctions.

When separated from enclosure(s) \_\_\_\_\_  
HANDLE THIS DOCUMENT AS \_\_\_\_\_

*decontrolled*

(insert proper classification)

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 October 16, 1985.

This route 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-81017 and is approved through December 31, 1986.

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 73.22 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 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.

# SAFEGUARDS INFORMATION

OFFICE									
SURNAME									
DATE									

8602280543 860219  
PDR XPORT  
ISNM-8101 PDR

FEB 19 1986

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

Sincerely,

*15/ George W. McCorkle*

George W. McCorkle, Chief  
Safeguards Reactor and  
Transportation Licensing Branch  
Division of Safeguards, NMSS

Enclosure:  
As stated

Norfolk International Terminal/Aiken SC  
11002593570R

DISTRIBUTION:

w/enclosure  
Docket File 110-2593  
Case File/110-2593  
Region II

w/o enclosure  
SGRT r/f  
NMSS r/f  
RFonner  
LCRouse  
DWeiss  
CHillman  
RRentschler

PDR (Sanitized)

Route only  
SGagner, PA

OFFICE	SGRT	SGRT	SGRT				
SURNAME	CHillman/pag	RRentschler	GMcCorkle				
DATE	02/17/86	02/19/86	02/19/86				

SPENT FUEL ROUTE  
NORFOLK INTERNATIONAL TERMINAL, NORFOLK, VIRGINIA  
TO  
DOE SAVANNAH RIVER PLANT, AIKEN, SOUTH CAROLINA  
FEBRUARY 1986

SUMMARY OF LEA RESPONSE CAPABILITIES AND SAFE HAVENS

ROAD TRANSPORTATION ROUTE

Norfolk International Terminal, Norfolk, Virginia

To

The 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 refuges 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.

FEB 1986

ROAD TRANSPORTATION ROUTE

NORFOLK INTERNATIONAL TERMINAL, NORFOLK, VIRGINIA

to

DOE SAVANNAH RIVER PLANT, AIKEN, SOUTH CAROLINA

Total Mileage 450

VIRGINIA

1. NIT Port Area to Terminal Blvd.*	.5 miles
2. Terminal Blvd. east to I-564*	1.0 miles
3. I-564 south to I-64	.5 miles
4. I-64 south to US-58	19.0 miles
5. US-58 west to I-95**	66.0 miles
6. I-95 south to North Carolina	<u>12.0 miles</u>

Subtotal 99.0 miles

NORTH CAROLINA

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

SOUTH CAROLINA

8. I-95 south to US-301	102.0 miles
9. US-301 west to SC-70***	27.0 miles
10. SC-70 west to SC-64***	28.0 miles
11. SC-64 west to Savannah River Plant***	<u>13.0 miles</u>

Subtotal 170.0 miles

Grand Total 450.0 miles

\* Access to Interstate System.

\*\* 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.

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## 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.
2. City of Emporia - Multiple Food and Fuel Stops.

### NORTH CAROLINA

1. Truckstops of America - Exit 176, approximately six miles south of the Virginia/North Carolina state line.
2. Lake Wood Truck Stop - Exit 168, at intersection of I-95 and NC Route 903, nine miles south of the Virginia/North Carolina state line.
3. The 301 Truck Stop - Fayetteville, NC. Monitors CB radio.

### SOUTH CAROLINA

1. Union 76 Truck Stop. I-95, mile marker (mm) 133, Clarendon County.
2. Multiple Truck Stops, Santee. I-95, mm 97, Orangeburg County.
3. Multiple Truck Stops, Orangeburg Area. US-301.

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# VIRGINIA

EMERGENCY PHONE NUMBERS: Area Code (804)

NORFOLK  
CP 911 or (804) 441-2121

CHESAPEAKE  
SP (804) 547-6161

FRANKLIN  
CP (804) 562-8575

SUFFOLK  
SP (804) 539-3798

COURTLAND  
S (804) 653-2100

Comm: MT, R

MT, CH 9/19

CH 9

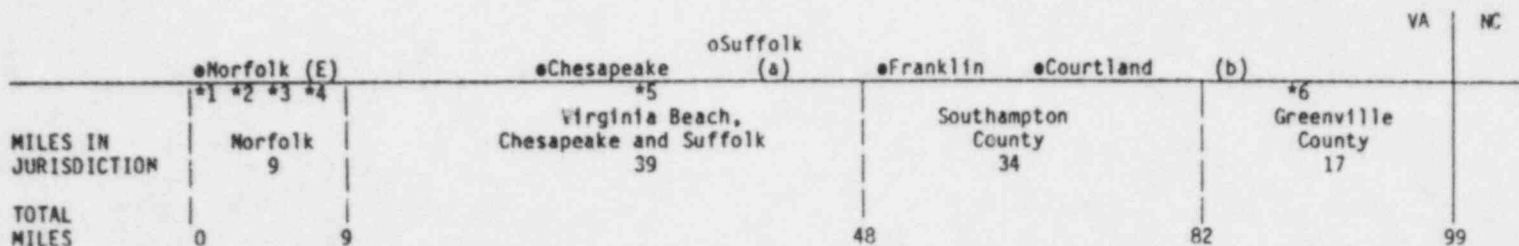
LLCA: CP

SP

SP

CP

S



## 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)  
CH/No. Channel Monitored  
R React Group  
MT Radiotelephone (Useable)  
E Escort Required

## ROAD TRANSPORTATION ROUTE - NORFOLK INTERNATIONAL TERMINAL, NORFOLK, VA TO THE DOE SAVANNAH RIVER PLANT, AIKEN, SC

- \*1. NIT Port Area to Terminal Blvd. (.5 mile);
- \*2. Terminal Blvd. east to I-564 (1.0 mile);
- \*3. I-564 south to I-64 (.5 mile);
- \*4. I-64 south to US-58 (19 miles);
- \*5. US-58 west to I-95 (66 miles);
- \*6. I-95 south to North Carolina line (12 miles);



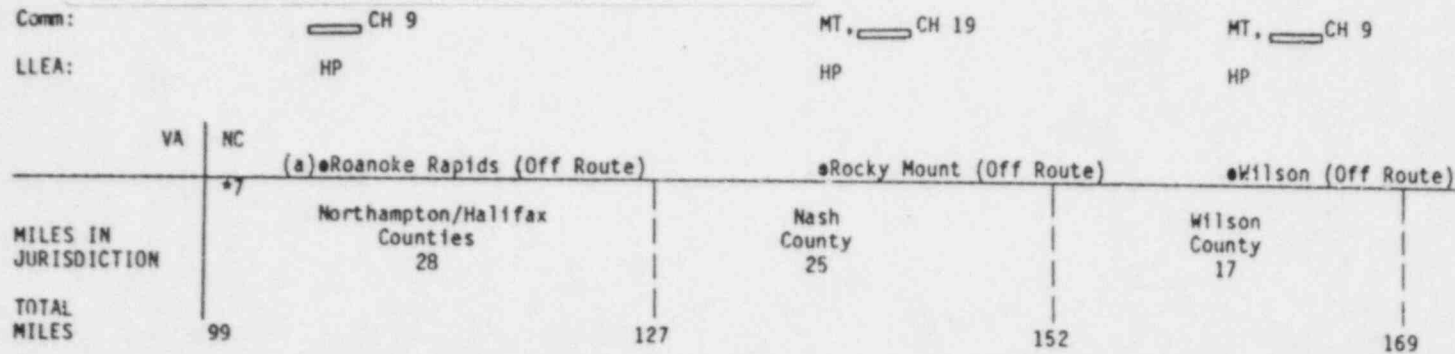
NORTH CAROLINA  
24 Hour Dispatcher 1-800-662-7956

EMERGENCY PHONE NUMBERS: Area Code (919)

ROANOKE RAPIDS  
HP (919) 536-2101

ROCKY MOUNT  
HP (919) 446-8144  
After 5pm: (919) 536-2101

WILSON  
HP (919) 237-5294  
24 hours: (919) 733-3861



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)  
CH/No. Channel Monitored  
R React Group  
MT Radiotelephone (Useable)  
E Escort Required

ROAD TRANSPORTATION ROUTE - NORFOLK INTERNATIONAL TERMINAL, NORFOLK, VA  
TO THE DOE SAVANNAH RIVER PLANT, AIKEN, SC

\*7. I-95 south to South Carolina (181 miles);



# NORTH CAROLINA/SOUTH CAROLINA

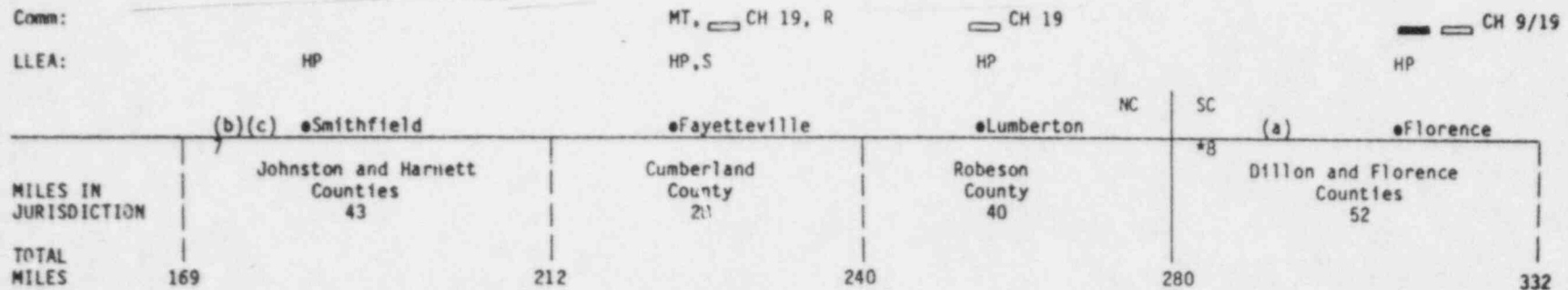
EMERGENCY PHONE NUMBERS: Area Code (919) NC  
Area Code (803) SC

SMITHFIELD  
HP (919) 934-2186

FAYETTEVILLE  
HP (919) 486-1334  
S (919) 323-1500

LUMBERTON  
HP (919) 739-7501

FLORENCE  
HP (803) 662-4302



## KEY

• LLEA 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)  
CH/No. Channel Monitored  
R React Group  
MT Radiotelephone (Useable)  
E Escort Required

ROAD TRANSPORTATION ROUTE - NORFOLK INTERNATIONAL TERMINAL, NORFOLK, VA  
TO THE DOE SAVANNAH RIVER PLANT, AIKEN, SC

7. I-95 south to South Carolina  
\*8. I-95 south to US-301 (102.0 miles);

# SOUTH CAROLINA

EMERGENCY PHONE NUMBERS: Area Code (803) SC

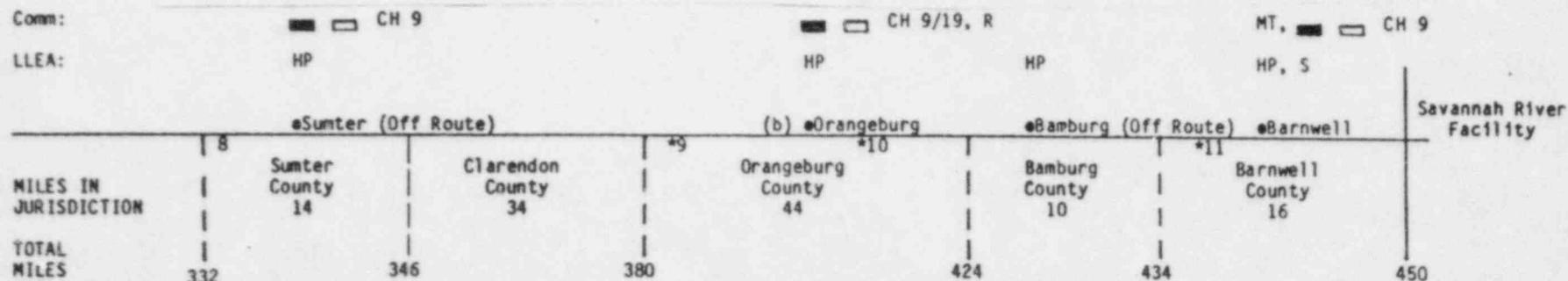
24 hour statewide number: (803)758-3141

SUMTER  
HP (803) 775-5353

ORANGEBURG  
HP (803) 534-3409

BAMBURG  
HP(803) 534-3409

BARNWELL  
HP (803) 259-1411  
or 534-3409  
S (803) 259-3083



## 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)  
CH/No. Channel Monitored  
R React Group  
MT Radiotelephone (Useable)  
E Escort Required

ROAD TRANSPORTATION ROUTE - NORFOLK INTERNATIONAL TERMINAL, NORFOLK, VA  
TO THE DOE SAVANNAH RIVER PLANT, AIKEN, SC

- 8. I-95 south to US-301 (102.0 miles)
- \*9. US-301 west to SC-70 (27.0 miles);
- \*10. SC-70 west to SC-64 (28.0 miles) and
- \*11. SC-64 west to Savannah River Plant (13.0 miles).