



SAFEGUARDS INFORMATION

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

Please return to:

FEB 27 1990

ADD:

WF 1 4-E 4

DF03 1/1

103

SGTB:CRH
07001252350R

Edlow International Company
ATTN: Mr. Norman Ravenscroft
Vice President, Operations
1666 Connecticut Avenue, N.W., Suite 500
Washington, DC 20009

Dear Mr. Ravenscroft:

This is in regard to your request for approval of four routes to be used for transport of spent fuel as contained in your letter of December 28, 1989. This letter addresses the third of the four routes.

The route, as set forth in the enclosure, from Portsmouth, Virginia to the Department of Energy Savannah River Plant, Aiken, South Carolina, and as requested in your letter, is judged to meet the regulatory requirements in accordance with 10 CFR 73.37 for shipment of spent fuel and is approved through December 31, 1990. Also the ports of Port Elizabeth, New Jersey; Baltimore, Maryland; Newport News, Virginia and Norfolk, Virginia, through which the shipment may transit, are judged to meet the requirements of 10 CFR 73.37 and are approved. In the event your carrier is required to deviate from the approved route, please call the contact listed on page two 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 changed notification should indicate that it is a

Document Transmitted Herewith
Contains Safeguards Information

UPON REMOVAL OF ATTACHMENT THIS DOCUMENT IS:

decontrolled

Enclosure has been sanitized

SAFEGUARDS INFORMATION

9003070058 900227
PDR ADDCK 07001252
FDC

FEB 27 1990

revision of the original notification and an increase or decrease in the number of shipments. In addition, the change notifications 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)492-0488.

Sincerely,

15/ Charles E. MacDonald

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

Enclosure:
As stated

Portsmouth/Aiken (103)
07001252350R

DISTRIBUTION:

w/enclosure

Docket File 70-1252

Case File 70-1252

Region I & II

w/o enclosure

NMSS/SGTB r/f CHillman

RFonner JCook

~~GS Joblom~~ RBurnett

DWeiss CMacDonald

CHaughney

OFC: SGTB	: SGTB	: SGTB	:	:	:	:
NAME: CHillman/1g: JCook	: CMacDonald	:	:	:	:	:
DATE: 02/27/90	: 02/27/90	: 02/27/90	:	:	:	:

OFFICIAL RECORD COPY

LTRS TO EDLOW INTERNATIONAL

SPENT NUCLEAR FUEL ROUTE
PORTSMOUTH MARINE TERMINAL, PORTSMOUTH, VIRGINIA
TO
DOE SAVANNAH RIVER PLANT
AIKEN, SOUTH CAROLINA
FEBRUARY 1990

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

VIRGINIA

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 the North Carolina state line	15.0 miles
	Subtotal	89.0 miles

NORTH CAROLINA

6.	I-95 south to the South Carolina state line	181.0 miles
	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.	US-70 west to SC-64***	31.0 miles
10.	SC-64 west to Savannah River Plant***	7.0 miles
	Subtotal	167.0 miles
	TOTAL	437.0 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, Isle of Wight County.
2. City of Emporia. Multiple food and fuel stops, Greensville County.

NORTH CAROLINA

1. Truck Stops 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, approximately fourteen miles south of the Virginia/North Carolina state line, Halifax County.
3. The 301 Truck Stop, Fayetteville. Monitors Citizens Band radio, Cumberland County.

SOUTH CAROLINA

1. Union 76 Truck Stop. I-95, milemarker (mm) 133, Clarendon County.
2. Truck Stops 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.

Statewide Emergency Number: None

	PORTSMOUTH	CHESAPEAKE	SUFFOLK	FRANKLIN	COURTLAND	EMPORIA
	SP (804) 424-	SP 1-800-582-8350	SP (804) 925-2432	SP 1-800-582-8350	SP 1-800-582-8350	SP 1-800-552-9965
	6890 or	CP (804) 547-6161	CP (804) 934-3111	CP (804) 562-8575	S (804) 653-2100	S (804) 348-4200
	CP 911	NORFOLK				CP (804) 634-6502
		CP (804) 441-2201				
		or 911				
Comm:	MT, R	MT	MT <input type="checkbox"/> CH 9/19		<input type="checkbox"/> CH 9	<input checked="" type="checkbox"/> CH 19
LEA:	SP, CP	SP, CP	SP, CP	SP, CP	SP, S	SP, S, CP
PORTSMOUTH		E <input checked="" type="checkbox"/> Norfolk (off route)				
MARINE						
TERMINAL	E <input checked="" type="checkbox"/> Portsmouth	E <input checked="" type="checkbox"/> Chesapeake	E <input checked="" type="checkbox"/> Suffolk	<input checked="" type="checkbox"/> Franklin	<input checked="" type="checkbox"/> Courtland	<input checked="" type="checkbox"/> Emporia

	*1	*2	*3	*4				*5	
	Portsmouth	City	Chesapeake	City	Suffolk	City	Isle of Wight	County	Southampton
	6	5		21		6	34	17	
MILES IN JURISDICTION									
TOTAL MILES	0	6	11		32	38		72	89

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 Mobile Telephone (Useable)
 E Escort Required

ROAD TRANSPORTATION ROUTE - Portsmouth Marine Terminal, Portsmouth, VA
to the DOE Savannah River Plant, Aiken, SC

- *01. US-58 west to US-17 (1.5 miles);
 *02. US-17 south to I-264 (1 mile);
 *03. I-264 west to US-58 (3.5 miles);
 *04. US-58 west to I-95 (68 miles);
 *05. I-95 south to the North Carolina state line (15 miles);

Statewide Emergency Number: (919) 733-3861

ROANOKE RAPIDS
HP (919) 536-2101

ROCKY MOUNT
HP (919) 446-8144
HP 1-800-662-7956 (24 Hrs)

WILSON
HP (919) 237-5294
HP 1 (800) 662-7956 (24 hrs)

Comm:

CH 9

MT CH 19

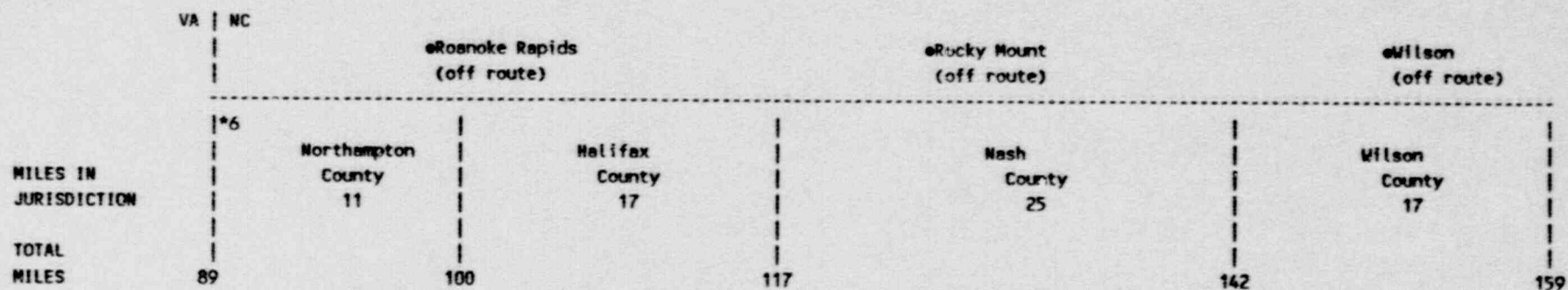
MT

LEA:

HP

HP

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)
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 the South Carolina state line (181 miles);

SC Statewide Emergency Number: 911

FLORENCE
HP (803) 661-4700



HT   CM 9/19

HP

of Lorence

6	Johnston County 28	Warrnett County 15	Cumberland County 28	Robeson County 40	7	Dillon County 24	Florence County 28
159	187	202	230	270	294	322	

ROAD TRANSPORTATION ROUTE - Portsmouth Marine Terminal, Portsmouth, VA
to the DOE Savannah River Plant, Aiken, SC

•	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	Mobile Telephone (Useable)
E	Escort Required

6. I-95 south to the South Carolina state line (181 miles);
- *7. I-95 south to US-301 (102 miles);

If unable to contact emergency number 911, use the nearest HP number listed above.

SOUTH CAROLINA

Statewide Emergency Number: 911#


SUMTER
HP (803) 775-5353

ORANGEBURG
HP (803) 534-3409

BAMBURG
HP (803) 534-3409

BARNWELL
HP (803) 534-3409
S (803) 259-7552

Comm: MT  CH 9

MT  CH 9/19, R

MT  CH 9

LEA: HP

HP

HP

HP, S

•Sumter
(off route)



•Orangeburg

•Bamberg
(off route)

•Barnwell
SAVANNAH RIVER
PLANT

	17			*8		*9		*10	
		Sumter			Orangeburg		Bamberg		Barnwell
		County			County		County		County
MILES IN JURISDICTION		14			41		11		16
TOTAL MILES	322	336		369		410	421		437

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 Mobile Telephone (Useable)
E Escort Required

ROAD TRANSPORTATION ROUTE - Portsmouth Marine Terminal, Portsmouth, VA
to the DOE Savannah River Plant, Aiken, SC

7. I-95 south to US-301 (102 miles);
- *8. US-301 west to SC-70 (27 miles);
- *9. SC-70 west to SC-64 (31 miles); and
- *10. SC-64 west to the DOE Savannah River Plant (7 miles).

If unable to contact emergency number 911, use
the nearest HP number listed above.