



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

April 2, 1982

SGMT:CRH
110-2405

6706210

Nuclear Assurance Corporation
ATTN.: Mr. F. L. Danese
Supervisor, Cask Operations
24 Executive Park West
Atlanta, Georgia 30329

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 November 13, 1981.

The route requested in your letter is judged to meet the regulatory requirements in accordance with 10 CFR 73.37 for shipments under import license ISNM-81005 and is approved.

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. Furthermore, the approval does not guarantee that there will be no local or state legislation applicable to the route that restricts or prohibits the movement of radioactive material.

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.

The initial 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 plan and provided to your carrier along with instructions regarding its use.

Please note that the notification requirements of 10 CFR 73.72 for each individual shipment still apply.

Should you require additional information or have questions concerning this matter, please contact Charles Hillman of my staff (301-427-4010).

Sincerely,

Theodore S. Sherr, Chief
Material Transfer SG Licensing Branch
Division of Safeguards, NMSS

When separated from enclosure(s) _____
_____, HANDLE THIS DOCUMENT AS

DECONTROLLED

(insert proper classification)

Enclosure:
As stated

8204200405
OK XA

SAFEGUARDS INFORMATION
Unauthorized disclosure subject to
Administrative and Criminal sanctions.

SPENT NUCLEAR FUEL ROUTE SURVEY
Port of Entry, Alexandria Bay, NY
to
Savannah River, SC

When separated from enclosures, handle this document

Declassified
(Insert proper classification)

ROAD TRANSPORTATION ROUTE
Port of Entry, Alexandria Bay, NY
to Savannah River, SC

NEW YORK

1. I-81 south to I-90	95 miles
2. I-90 east to I-481	7 miles
3. I-481 south to I-81	11 miles
4. I-81 south to Pennsylvania	<u>82 miles</u>
Subtotal	195 miles

PENNSYLVANIA

5. I-81 south to Maryland	232 miles
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MARYLAND

6. I-81 south to West Virginia	12 miles
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WEST VIRGINIA

7. I-81 south to Virginia	25 miles
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VIRGINIA

8. I-81 south to I-77	253 miles
9. I-77 south to North Carolina	<u>33 miles</u>
Subtotal	286 miles

NORTH CAROLINA

10. I-77 south to I-40	55 miles
11. I-40 west to I-26	107 miles
12. I-26 south to South Carolina	<u>42 miles</u>
Subtotal	204 miles

SOUTH CAROLINA

13. I-26 south to SC-121	95 miles
14. SC-121 south to SC-19	47 miles
15. SC-19 south to Facility	<u>29 miles</u>
Subtotal	171 miles

GRAND TOTAL 1,125 miles

MAR 1932

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 and offer basic truck services as well as food.

NEW YORK

1. Longway's Truck Stop. I-81, Exit 48 at mile marker 158.
2. Longway's Truck Stop. I-81, Exit 32 at mile marker 103.
3. State Fair Truck Stop. I-81, exit 23 at mile marker 86.5.
4. Truck Stop of America. I-81, Exit 2 at mile marker 8.

PENNSYLVANIA

1. Mobile Truck Stop. I-81, Exit 65 at mile marker 217.
2. Skyliner Truck Plaza. I-81, Exit 48 at mile marker 176.
3. T.T.M.A. Plaza 81. I-81, Exit 31 at mile marker 100.
4. Truck Stops of America. I-81, Exit 27 at mile marker 78.
5. C. Earl Brown, Inc. I-81, Exit 5 at mile marker 14, Chambersburg, PA.
Emergency truck service, no food.

MARYLAND

No food or fuel facilities specifically identified.

WEST VIRGINIA

No food or fuel facilities specifically identified.

VIRGINIA

1. The Virginia Truck Center. I-81, Exit 73 - Toms Brook.
2. Interstate Shell Service Center. I-81, Exit 64 E.
3. Gulf Truck Stops of America. I-81, Exit 44.
4. Wilderness Road Union 76 Truck Stop. Intersection of I-77/I-81.

NORTH CAROLINA

1. Texaco Truck Stop. Located at I-77 exit 100.
2. Statesville, NC. Multiple Truck Stops

SOUTH CAROLINA

1. Truck Stops of America. Located at I-26/I-85 Junction, Spartanburg.
2. Gulf Truck Stop. Located at exit 22 of I-26.
3. Gulf Service Station. Located at Intersection of I-26 and SC-121.

MAR 1982

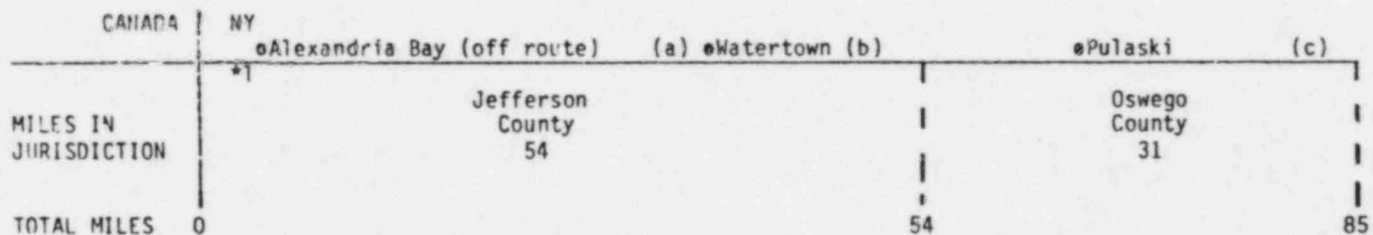
Emergency Phone Numbers:
Area Code (315)

NEW YORK

ALEXANDRIA BAY
SP (315)482-2525

WATERTOWN
SP (315)782-2112

PULASKI
SP (315)298-5161



KEY

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

ROAD TRANSPORTATION ROUTE - Port of Entry, Alexandria Bay, NY
to Savannah River, SC
*1. I-81 south to I-90, NY Thruway (95 miles);

Emergency Phone Numbers:
Area Code (315) (607)

NEW YORK

NORTH SYRACUSE
SP(315)457-2600

LAFAYETTE
SP(315)677-3122

CORTLAND
SP(607)756-5604

BINGHAMTON
SP(607)775-1242

	1	2	3	4					NY	PA
	●North Syracuse (d)(E) Syracuse				●Lafayette(e)	●Cortland (off route) (f)	(E) ●Binghamton (g)			
MILES IN JURISDICTION					Onondaga County 42	Cortland County 31			Broome County 37	
TOTAL MILES	85				127	158			195	

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 - Port of Entry, Alexandria Bay, NY to Savannah River, SC

1. I-81 south to I-90, NY Thruway (95 miles);
- *2. I-90 NY Thruway east to I-481 (7 miles);
- *3. I-481 south to I-81 (11 miles);
- *4. I-81 south to Pennsylvania (82 miles);

Emergency Phone Numbers:
Area Code (717)

PENNSYLVANIA

GIBSON
SP(717)465-3154



DUNMORE
SP(717)961-2461

WYOMING
SP(717)287-2185

HAZELTON
SP(717)454-6651 (N)
SP(717)455-9416 (S)
Troops N and S

	*5	●Gibson (off route)(a)	●Dunmore (b)(E)Scranton/Wilkes-Barre	●Wyoming(off route)	●Hazelton
MILES IN JURISDICTION		Susquehanna County 26	Lancaster County 28	Luzerne County 43	
TOTAL MILES	195	221	249	292	

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 - Port of Entry, Alexandria Bay, NY to Savannah River, SC
*5. I-81 south to Maryland (232 miles);

Emergency Phone Numbers:

Area Code (717)

FRANKVILLE
 SP(717)874-0207
 Troop L



PENNSYLVANIA

JONESTOWN
 SP(717)865-2194

HARRISBURG
 SP(717)234-4051
 Troop H

	5	●Frankville	●Jonestown	(c)(E) ●Harrisburg
MILES IN JURISDICTION		Schuylkill County 41		Lebanon County 13
TOTAL MILES	292		333	346
				Dauphin County 16
				362

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 - Port of Entry, Alexandria Bay, NY to Savannah River, SC

5. I-81 south to Maryland;

PENNSYLVANIA (CENTRAL), MARYLAND, WEST VIRGINIA

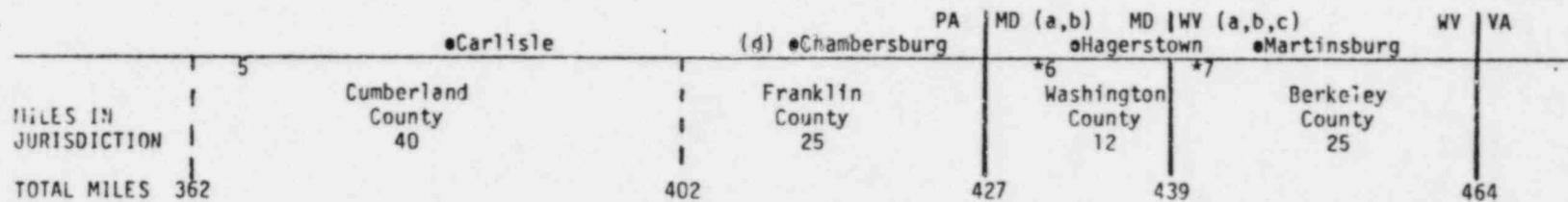
EMERGENCY PHONE NUMBERS: Area Code: (717) PA (301) MD (304) WV

CARLISLE
SP (717)249-2121
Troop S

CHAMBERSBURG
SP (717)264-5161
Troop S

HAGERSTOWN
SP (301)739-2101
Troop C

MARTINSBURG
SP (304)267-8901



KEY

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

ROAD TRANSPORTATION ROUTE - Port of Entry, Alexandria Bay, NY
to Savannah River, SC

- 5. I-81 south to Maryland (144 miles);
- *6. I-81 south to W.Virginia (12 miles);
- *7. I-81 south to Virginia (25 miles);

VIRGINIA (NORTHERN HALF)

EMERGENCY PHONE NUMBERS:
Area Code (703)

WINCHESTER
SP (703)869-2000
SP (800)572-2260
(After 5pm)

WOODSTOCK
SP (703)459-4071




HARRISONBURG
SP (703)434-8593
(800)552-0962
(After 5 pm)

STAUNTON
SP (703)885-2142
(800)552-0962

LEXINGTON
SP (703)291-2548
(800)542-5959
(After 5pm)

	W VA	VA	(a,b) ●Winchester	●Woodstock	(c,d) ●Harrisonburg	●Staunton	(e) ●Lexington
		*8	Frederick County	Shenandoah County	Rockingham County	Augusta County	Rockbridge County
MILES IN JURISDICTION			25	37	30	33	34
TOTAL MILES	464		489	526	556	589	623

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
- R React Group
- MT Mobile Telephone (Useable)
- E Escort Required

ROAD TRANSPORTATION ROUTE - Port of Entry, Alexandria Bay, NY
to Savannah River, SC

*8. I-81 south to I-77 (253 miles);

Emergency Phone Numbers:
Area Code (703)

VIRGINIA

SALEM
SP(800)542-5959 or
(703)387-0986

PULASKI WYTHEVILLE
S(703)980-2040 SP(703)228-3131

	(f,g)	Roanoke/ (h) Salem (E)	Montgomery County	(i) Pulaski	(j,k) Wytheville (off route)	Carroll County	VA	NC
MILES IN JURISDICTION	8 Batetourt County 27	Roanoke County 17	26	Pulaski County 19	Wythe County 14	24		
TOTAL MILES	623	650	667	693	712	726	750	

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- 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 - Port of Entry, Alexandria Bay, NY to Savannah River, SC
 8. I-81 south to I-77 (253 miles);
 *9. I-77 south to North Carolina (33 miles);

NORTH CAROLINA

Emergency Phone Numbers:
Area Code (704)

ELKIN
HP(704)636-0421
(8am-5:30pm)
(704)464-8200
(Newton, 24 hrs)

STATESVILLE
HP(704)464-8200
(Newton, 24 hrs)

SALISBURY
HP(704)637-0207

HICKORY
HP(704)464-8200

	VA NC	(a)	●Elkin (off route)(b)	●Statesville (off route)(c)	●Salisbury (off route)	●Hickory (off route)
		*10		*11		
MILES IN JURISDICTION		Surry County 24	Yadkin County 14	Iredell County 31	Catawba County 19	
TOTAL MILES	750		774		819	838

KEY

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

ROAD TRANSPORTATION ROUTE - Port of Entry, Alexandria Bay, NY
to Savannah River, SC

- *10. I-77 south to I-40 (55 miles);
- *11. I-40 west to I-26 (107 miles);

Emergency Phone Numbers:
Area Code (704)

NORTH CAROLINA

ASHEVILLE
HP(704)298-4253

HENDERSONVILLE
HP(704)693-4141
(8am-5pm)
(704)298-4253
(24 hours)

	(d)	(e)	●Asheville (off route)(f)	●Hendersonville	NC	SC
MILES IN JURISDICTION	11 Burke County 28	26 McDowell County	30 Buncombe County	18 Henderson County	14 Polk County	
TOTAL MILES	838	866	892	922	940	954

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- E Escort Required

ROAD TRANSPORTATION ROUTE - Port of Entry, Alexandria Bay, NY to Savannah River, SC

- 11. I-40 west to I-26 (107 miles);
- *12. I-26 south to SC State line (42 miles);

SOUTH CAROLINA

EMERGENCY PHONE NUMBERS: (803) SC

GREENVILLE
HP (803)235-7471

SPARTANBURG
S (803)582-4771



GREENWOOD
HP (803)223-4374
S (803)223-2300

EDGEFIELD
S (803)537-5337

AIKEN
S (803)648-9581
HP (803)648-1346
(24 hours)

	NC	SC								
		● Greenville (a)(Off Route)	● Spartanburg		● Greenwood (Off Route) (b)(c)(d)		● Edgefield (Off Route)		● Aiken	Facility
		*13			*14		*15			
MILES IN JURISDICTION		Spartanburg County 47	Laurens County 38		Newberry County 24	Saluda County 23	Edgefield County 15		Aiken County 24	
TOTAL MILES	954		1001		1039	1063	1086		1101	1125

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to Savannah River, SC

- *13. I-26 south to SC-121 (95 miles);
- *14. SC-121 south to SC-19 (47 miles) and
- *15. SC-19 south to Facility (29 miles)