

~~SAFEGUARDS INFORMATION~~

95

OCT 24 1989

*Please return to:
Gloria M. Bennington
WF 4-E4*

SGTB:CRH
0700320D01R

*DF03
11*

Nuclear Assurance Corporation
ATTN: Mr. Charles H. Mayer, Project Manager
Engineering and Transportation Systems
6251 Crooked Creek Road
Suite 200
Norcross, GA 30092

Dear Mr. Mayer:

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 letters of June 12, July 20, and July 25, 1989.

The route from Lusby, Maryland to the Canadian border at Alexandria Bay, New York as requested in your letters of June 12, July 20 and July 25, 1989, is judged, as amended by this document, to meet the regulatory requirements in accordance with 10 CFR 73.37 for shipment of spent fuel and is 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 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 a revision of the original notification and an increase or decrease in the number of shipments.

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PDR ADDCK 07003020
C PNU

Enclosure has been sanitized

UPON REMOVAL OF ATTACHMENT THIS DOCUMENT IS:

decontrolled

~~Document Transmitted Herewith
Contains Safeguards Information~~

~~SAFEGUARDS INFORMATION~~

OCT 24 1989

Mr. Mayer

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) 492-0488.

Sincerely,

15/ Charles E. MacDonald

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

Enclosure:
As stated

Lusby/Alexandria Bay (95)
07003020D01R

DISTRIBUTION:

w/enclosure	w/o enclosure
Docket File 70-3020	NMSS r/f
Case File 70-3020	SGTB r/f
Region I	RFonner
Region II	LCRouse
	DWeiss
	CHillman
	JCook
	RBurnett
	CMacDonald

PDR (Santized)

10/13

OFC: SGTB	: SGTB	: SGTB	:	:	:	:
NAME: CHillman/rg: JCook	: CMacDonald:	:	:	:	:	:
DATE: 00/03/89	: 00/04/89/	: 00/14/89	:	:	:	:

SPENT NUCLEAR FUEL ROUTE
CALVERT CLIFFS NUCLEAR POWER PLANT
LUSBY, MARYLAND
TO
THE US/CANADIAN BORDER, ALEXANDRIA BAY, NY
SEPTEMBER 1989

SUMMARY OF LEA RESPONSE CAPABILITIES AND SAFE HAVENS

ROAD TRANSPORTATION ROUTE

CALVERT CLIFFS NUCLEAR POWER PLANT, LUSBY, MD

TO

THE US/CANADIAN BORDER, ALEXANDRIA BAY, NY

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

Lusby, MD to Alexandria Bay, NY

MARYLAND

1.	MD-4 north to US-301*	36.0 miles
2.	US-301 south to Virginia state line*	41.0 miles
	Subtotal	<u>77.0 miles</u>

VIRGINIA

3.	US-301 south to US-17**	18.0 miles
4.	US-17 west to Bypass US-17**	15.0 miles
5.	Bypass US-17 north to US-17**	14.0 miles
6.	US-17***north to I-66**	47.0 miles
7.	I-66 west to I-81	24.0 miles
8.	I-81 north to West Virginia state line	24.0 miles
	Subtotal	<u>142.0 miles</u>

WEST VIRGINIA

9.	I-81 north to Maryland state line	Subtotal	25.0 miles
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MARYLAND

10.	I-81 north to Pennsylvania state line	Subtotal	12.0 miles
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PENNSYLVANIA

11.	I-81 north to New York state line	Subtotal	232.0 miles
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NEW YORK

12.	I-81 north to I-481	82.0 miles
13.	I-481 east/north/west to I-81	19.0 miles
14.	I-81 north to the US/Canadian border	89.0 miles
	Subtotal	<u>190.0 miles</u>

	Total	<u>678.0 miles</u>
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*State Preferred Route, Maryland Department of Transportation document, December 1981.

**State Preferred Route, Department of Health, Commonwealth of Virginia letter, January 12, 1984.

***NOTE: US-17 marked US-15/29 for 8 mi.

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.

MARYLAND

1. Earl's 66 Truck Stop. On US-301, 5 miles south of LaPlata at Bel Alton, Charles County.

VIRGINIA

1. Texaco Truck Stop. Six miles south of Warrenton near US-17 and US-15/29 intersection, Fauquier County.

WEST VIRGINIA

1. Union 76 Truck Stop. Seven miles south of Maryland state line at exit 20 off I-81, Berkeley County.

PENNSYLVANIA

1. Truck Stops of America. I-81, exit 27 at milemarker (mm) 78, Dauphin County.
2. Truck Stop. I-81, mm 37, Cumberland County.
3. T.T.M.A. Plaza 81. I-81, exit 31 at mm 100, Schuylkill County.
4. Skyliner Truck Plaza. I-81, exit 48 at mm 176, Luzerne County.
5. Mobile Truck Stop. I-81, exit 65 at mm 217, Susquehanna County.

NEW YORK

1. Truck Stop of America. I-81, exit 2 at mm 8, Broome County.
2. State Fair Truck Stop. I-81, exit 23 at mm 86.5, Onondaga County.
3. Longway's Truck Stop. I-81, exit 32 at mm 103, Oswego County.
4. Longway's Truck Stop. I-81, exit 48 at mm 158, Jefferson County.

Statewide Emergency Number: 1-800-525-5555

PRINCE FREDERICK
SP (301) 535-1400


FORRESTVILLE
SP (301, 568-8101

WALDORF
SP (301) 645-1500

Comm: MT  CH 9, R

 CH 9 MT, R

LEA: SP

 CH 19, R
SP

SP

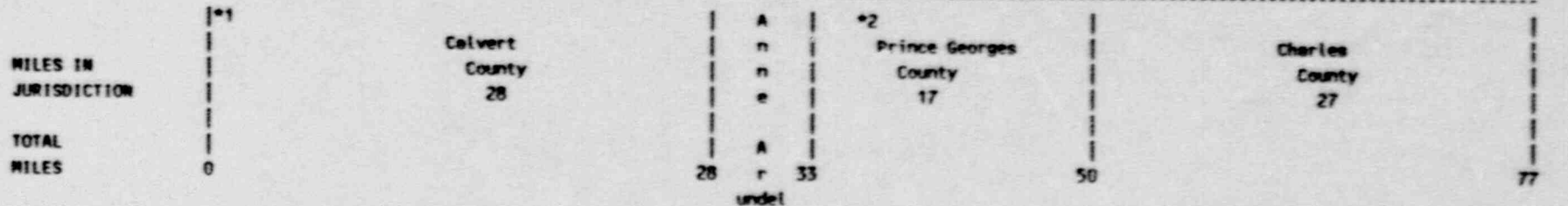
CALVERT
CLIFFS NU-
CLEAR POWER
PLANT

oPrince Frederick



oForrestville
(off route)

oWaldorf

MD | VA



KEY

- o 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 - Calvert Cliffs Nuclear Plant, Lusby, MD to the US/Canadian border, Alexandria Bay, NY

- *01. MD-4 north to US-301 (36 miles);
- *02. US-301 south to the Virginia state line (41 miles);


Statewide Emergency Number: None

FREDERICKSBURG
SP (703) 825-8315

WARRENTON
SP 1-800-572-2260

Comm:

R

NT  CH 9/19, R



LEA:

SP

SP



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
 NT Mobile Telephone (Useable)
 E Escort Required

ROAD TRANSPORTATION ROUTE - Calvert Cliffs Nuclear Plant, Lusby, MD to the US/Canadian border, Alexandria Bay, NY

- *03. US-301 south to US-17 (18 miles);
- *04. US-17 west to Bypass US-17 (15 miles);
- *05. Bypass US-17 north to US-17 (14 miles);
- *06. US-17# north to I-66 (47 miles);
- *07. I-66 west to I-81 (24 miles);

US-17 is marked US-15/29 for eight miles before entering Warrenton. Follow US-15/29 through Warrenton then return to US-17 north of Warrenton.

VIRGINIA/WEST VIRGINIA/MARYLAND/PENNSYLVANIA

VA Statewide Emergency Number: None
 WV Statewide Emergency Number: 1-800-642-3074

MD Statewide Emergency Number: 1-800-525-5555
 PA Statewide Emergency Numbers: 911
 (717) 783-1864/5598

WINCHESTER
 SP (703) 869-2000
 SP 1-800-572-2260

MARTINSBURG
 SP (304) 267-8901

HAGERSTOWN
 SP (301) 739-2101

Comm:

CH 19, R

CH 19, R

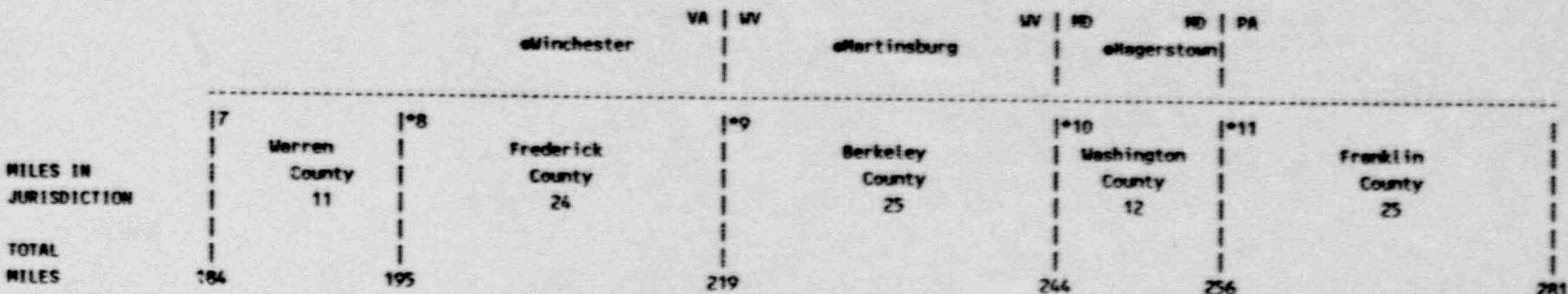
MT, R

LEA:

SP

SP

SP



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 - Calvert Cliffs Nuclear Plant, Lusby, MD to the US/Canadian border, Alexandria Bay, NY

- 07. I-66 west to I-81 (24 miles);
- *08. I-51 north to the West Virginia state line (24 miles);
- *09. I-81 north to the Maryland state line (25 miles);
- *10. I-81 north to the Pennsylvania state line (12 miles);
- *11. I-81 north to the New York state line (232 miles);

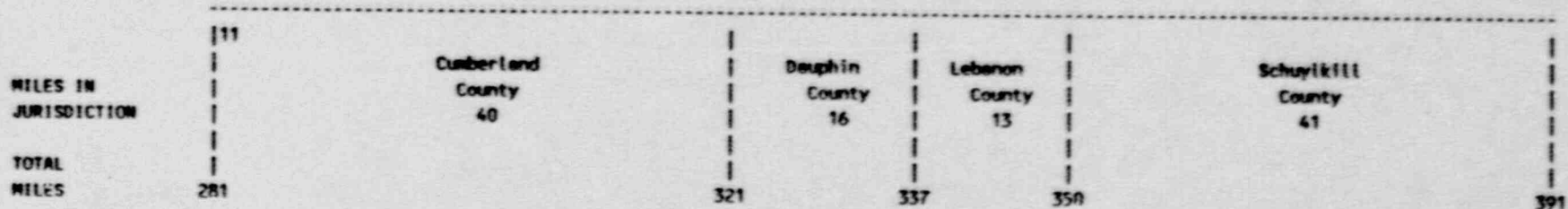
PENNSYLVANIA

Statewide Emergency Numbers: 911
(717) 783-1864/5598

HARRISBURG
SP (717) 783-5599
Troop 5

Comm: HT, R
LEA: SP

E of Harrisburg



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 - Colvert Cliffs Nuclear Plant, Lusby, MD to the US/Canadian border, Alexandria Bay, NY

11. I-81 north to the New York state line (232 miles);

PENNSYLVANIA

Statewide Emergency Numbers: 911

(717) 783-3185/5598

HAZLETON
SP (717) 459-3890
Troop S

WYOMING
SP (717) 826-54


DUNMORE/WILKES-BARRE/SCRANTON
SP (717) 663-3156

GIBSON
SP (717) 465-3154
SP (717) 278-3961

Comm:

RT

RT

RT  CH 19, R

RT

LEA:

SP

SP

SP

SP

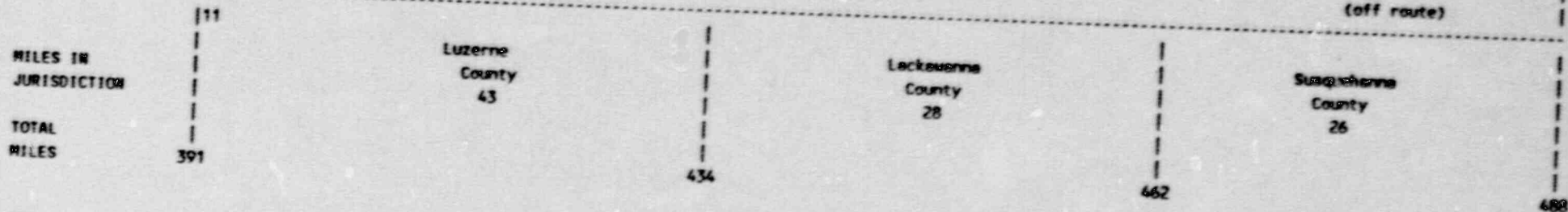
HAZLETON

WYOMING
(off route)



E DUNMORE/WILKES-BARRE/SCRANTON

GIBSON
(off route)

PA | NY



KEY

- ROAD TRANSPORTATION ROUTE
- ⊙ 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 Rect Group
- RT Mobile Telephone (Useable)
- E Escort Required

ROAD TRANSPORTATION ROUTE - Colvert Cliffs Nuclear Plant, Luzby, PA to the US/Canadian border, Alexandria Bay, NY




11. I-81 north to the New York state line (232 miles);

Statewide Emergency Number: 911#

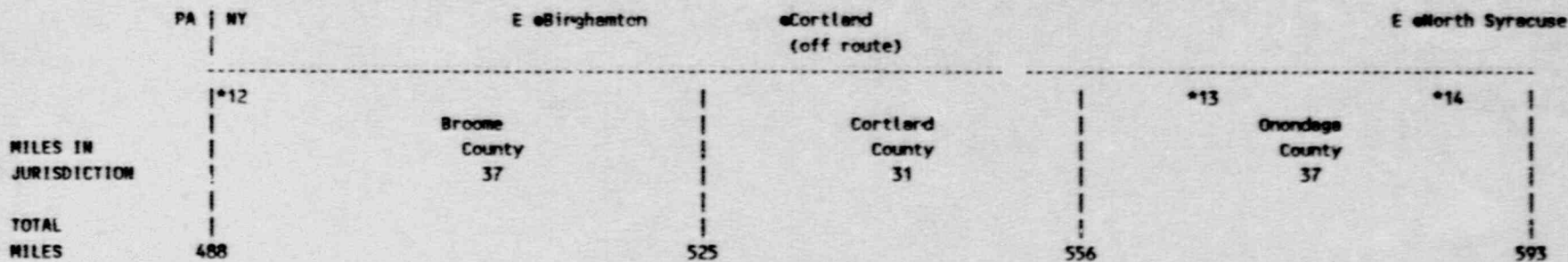
BINGHAMTON
SP (607) 775-1241



CORTLAND
SP (607) 563-9011

NORTH SYRACUSE
SP (315) 457-2600
Troop T - Thruway
SP (518) 449-1750

Comm: MT  CH 19 MT  CH 19 MT  CH 19

LEA: SP SP SP



- 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 - Calvert Cliffs Nuclear Plant, Poolesville, MD to the US/Canadian border, Alexandria Bay, NY

- *12. I-81 north to I-481 (82 miles);
- *13. I-481 east/north/west to I-81 (19 miles); and
- *14. I-81 north to the US/Canadian border (89 miles).

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

Statewide Emergency Number: 911#

PULASKI
 CP (315) 298-5161

WATERTOWN
 SP (315) 782-2112

ALEXANDRIA BAY
 SP (315) 482-2525

Comm: HT

HT  CH 9

HT

LEA: SP

SP

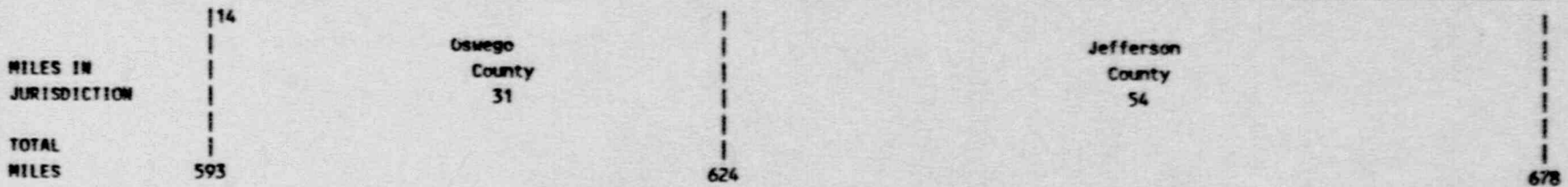
SP

●Pulaski



●Watertown

●Alexandria Bay

US/CANADIAN
 BORDER



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
- HT Mobile Telephone (Useable)
- E Escort Required

ROAD TRANSPORTATION ROUTE - Calvert Cliffs Nuclear Plant, Lusby, MD to the US/Canadian border, Alexandria Bay, NY

14. I-81 north to the US/Canadian border (89 miles).

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