



~~SAFEGUARDS INFORMATION~~

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

*Please Return to:
Gloria M. Bennington
WF 4E4*

MAR 23 1990

134

SGTB:CRH
07003020D70R

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 three routes to be used for transport of spent fuel as contained in your letter of November 9, 1989. This letter addresses the third of the three routes.

The route from Lynchburg, Virginia to Norfolk, Virginia (and eventually exported from Norfolk, Virginia) as requested in your letter of November 9, 1989 is judged to meet the regulatory requirements in accordance with 10 CFR 73.37 for shipment of spent fuel and is approved. Also the ports of Port Elizabeth, New Jersey; Baltimore, Maryland; and Portsmouth, 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 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 changed notification should indicate that it is a revision of the original notification and an increase or decrease in the

UPON REMOVAL OF ATTACHMENT THIS DOCUMENT IS:

decontrolled

Document Transmitted Herewith
Contains Safeguards Information

~~SAFEGUARDS INFORMATION~~

Enclosure has been sanitized.

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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) 492-0488.

Sincerely,

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

Enclosure:
 As stated

Lynchburg/Norfolk (134)
 07003020D70R

Distribution:

w/enclosure

Docket File 70-3020

Case File 70-3020

Regions II

w/o enclosure

NMSS/SGTB r/f CHillman

RFonner JCook

DWeiss RBurnett

CHaughney CMacDonald

PDR (Santized)

6 3/13
 OFC: SGTB :SGTB :SGTB : : : :
 NAME: CHillman/lg: JCook : CMacDonald : : : :
 DATE: 03/13/90 : 3/23/90 : 7/17/90 : : : :
 OFFICIAL RECORD COPY LYNCHBURG/NORFOLK

SPENT NUCLEAR FUEL ROUTE
BABCOCK AND WILCOX COMPANY FACILITY, LYNCHBURG, VIRGINIA
TO
NORFOLK INTERNATIONAL TERMINAL, NORFOLK, VIRGINIA
MARCH 1990

SUMMARY OF LEA RESPONSE CAPABILITIES AND SAFE HAVENS

ROAD TRANSPORTATION ROUTE

BABCOCK AND WILCOX COMPANY FACILITY, LYNCHBURG, VA

TO

NORFOLK INTERNATIONAL TERMINAL, NORFOLK, VA

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 team 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

BABCOCK AND WILCOX COMPANY FACILITY, LYNCHBURG, VA

TO

NORFOLK INTERNATIONAL TERMINAL, NORFOLK, VA

VIRGINIA

1.	Mt Athos Road (VA-726) south to US-460*	3 miles
2.	US-460 east to I-85*	106 miles
3.	I-85 east/south to I-95	7 miles
4.	I-95 south to US-58**	37 miles
5.	US-58 east to I-64**	66 miles
6.	I-64 east/north to I-564	19 miles
7.	I-564 west to Terminal Blvd.	1 mile
8.	Terminal Blvd. west to Norfolk International Terminal	1 mile
		<u>240.0 miles</u>

*Roads leading to Interstate or state approved route.

**State approved route - Letter, Commonwealth of Virginia Department of Health, January 12, 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. Multiple Food and Fuel Stops. City of Emporia, Greensville County.
2. Multiple Food and Fuel Stops. City of Franklin, Southampton County.

VIRGINIA

Statewide Emergency Number: None

	LYNCHBURG	APPOMATTOX	FARMVILLE	BURKEVILLE	PETERSBURG
	SP 1-800-552-0962	SP (804) 352-7128	SP 1-800-	SP 1-800-552-9965	SP (804) 733-8219
	CP (804) 528-6537	S (804) 352-8241	552-0962	S (804) 767-5200	CP (804) 732-4222
Comm:	MT <input type="checkbox"/> CH 19/9	MT	MT	MT	MT
LEA:	SP, CP	SP, S	SP	SP, S	SP, CP
BABCOCK AND WILCOX COMPANY FACILITY	●Lynchburg	●Appomattox	●Farmville	●Burkeville	E ●Petersburg

	*1	*2				*3	*4
	Campbell	Appomattox	Prince Edward	Nottaway	Dirwiddie		
	County	County	County	County	County		
MILES IN JURISDICTION	12	20	29	23	42		
TOTAL MILES	0	12	32	61	84		126

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 - Babcock and Wilcox Company facility, Lynchburg, VA to the Norfolk International Terminal, Norfolk, VA

- *01. MT Athos Road (VA-726) south to US-460 (3 miles);
- *02. US-460 east to I-85 (106 miles);
- *03. I-85 east/south to I-95 (7 miles);
- *04. I-95 south to US-58 (37 miles);

VIRGINIA

Statewide Emergency Number: None

	EMPORIA	COURTLAND	FRANKLIN	SUFFOLK	CHESAPEAKE	NORFOLK	
	SP (804) 420-3410	SP (804) 420-3410	SP (804) 420	CP (804) 539-7431	SP (804) 420-3410	CP (804) 441-2121	
	CP (804) 634-6502	S (804) 653-2100	-3410		CP (804) 547-6161		
			CP (804) 562				
			-8575				
Comm:	CH 19/9	CH 9		MT	MT CH 19/9	MT	
LEA:	SP, CP	SP, S	SP, CP	CP	SP, CP	CP	
	oEmporia	oCourtland	oFranklin	E oSuffolk	E oChesapeake	E oNorfolk	NORFOLK INTER- NATIONAL TERMINAL

	(b)							
	4	*5			*6	*7	*8	
	Sussex	Greenville	Southampton		Virginia Beach,	Norfolk		
	County	County	County		Chesapeake and Suffolk	City		
MILES IN JURISDICTION	20	17	34		Cities	6		
					37			
TOTAL MILES	126	146	163	197		234	240	

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/Ko.	Channel Monitored
R	React Group
MT	Mobile Telephone (Useable)
E	Escort Required

ROAD TRANSPORTATION ROUTE - Babcock and Wilcox Company facility, Lynchburg, VA
to the Norfolk International Terminal, Norfolk, VA

- 04. I-95 south to US-58 (37 miles);
- *05. US-58 east to I-64 (66 miles);
- *06. I-64 east/north to I-564 (19 mile);
- *07. I-564 west to Terminal Blvd. (1 mile); and
- *08. Terminal Blvd. west to Norfolk International Terminal (1 mile).