

SAFEGUARDS INFORMATION

MAR 27 1992

159

SGTB:RRR
05000002650R

The University of Michigan
ATTN: Mr. Ronald F. Fleming, Director
Michigan Memorial-Phoenix Project
Phoenix Memorial Laboratory, North Campus
Ann Arbor, M7 48109-2100

Dear Mr. Fleming:

This is in regard to your March 12, 1992 request for approval of a route for transporting spent fuel from the University of Michigan Ford Nuclear Reactor to the Savannah River Plant, Aiken, South Carolina. The route, as set forth in Enclosure 1, is judged to meet the regulatory requirements for shipment of spent reactor fuel in 10 CFR 73.37.

Enclosures 2 and 3 which constitute approval for this route are provided contingent upon your meeting Department of Transportation routing requirements. 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. Please note that armed escort is required in Ypsilanti, Michigan; Toledo, Dayton and Cincinnati, Ohio; Lexington, Kentucky; and Knoxville, Tennessee. This route approval will be deemed to have expired two years from the date of this letter, unless renewed.

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 are included in Enclosure 3. 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 can occur with short notice, the appropriate state police should be contacted with regard to road conditions before a shipment commences.

Document Transmitted Herewith
Contains Safeguards Information

UPON REMOVAL OF ATTACHMENT THIS DOCUMENT IS:

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PDR ADDCK 05000265
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SAFEGUARDS INFORMATION

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Mr. Ronald F. Fleming

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Please note that the notification requirements of 10 CFR 73.37(f) and 73.72 apply for each shipment. When making notification to this office, please confirm that armed escort will be provided as required and the governor or his designee will or has been notified. Notification to a governor or his designee should be very specific especially with regard to series shipments. Designate exactly how many individual shipments are to be included. In the event the number of shipments in a series is revised, 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.

Should you require additional information or have questions concerning this matter, please contact Russel R. Rentschler of my staff at (301) 504-2381.

Sincerely,

151 Charles E. MacDonald

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

Enclosures:

1. Road Transportation Route
2. Spent Nuclear Fuel Route
3. Detailed Transportation Route Plan
Ann Arbor/Aiken (159)
05000002650R
UMI-159.WP5

DISTRIBUTION:

w/enclosures:

Docket File 50-2
Case File 50-2
Regions III & II
PDR (Enclosure 1)

w/o enclosures:

NMSS/SGTB R/F	RRentschler
RFonner	EEaston
MMessier	RBurnett
CHaughney	CMacDonald

OFC:	SGTB	:SGTB	:SGTB	:SGTB
NAME:	GMI ennington	:RRentschler	:EEaston	:CMacDonald
DATE:	03/24/92	:03/26/92	:03/26/92	:03/27/92

ROAD TRANSPORTATION ROUTE

ANN ARBOR, MI TO AIKEN, SC

MICHIGAN

1.	University of Michigan via Plymouth Road to US-23*	3.0 miles
2.	US-23 south to I-94*	6.0 miles
3.	I-94 east to I-275	14.0 miles
4.	I-275 south to I-75	17.0 miles
5.	I-75 south to Ohio state line	20.0 miles
	Subtotal	60.0 miles

OHIO

6.	I-75 south to I-475	7.0 miles
7.	I-475 west/south to I-75	20.0 miles
8.	I-75 south to I-275	176.0 miles
9.	I-275 south/east to Kentucky state line	30.0 miles
	Subtotal	233.0 miles

KENTUCKY

10.	I-275 south to I-75**	11.0 miles
11.	I-75 south to Tennessee state line	185.0 miles
	Subtotal	196.0 miles

TENNESSEE

12.	I-75 south to I-640	49.0 miles
13.	I-640 east/south to I-40	7.0 miles
14.	I-40 east/south to North Carolina state line	65.0 miles
	Subtotal	121.0 miles

NORTH CAROLINA

15.	I-40 east to I-26	47.0 miles
16.	I-26 southeast to South Carolina state line	42.0 miles
	Subtotal	89.0 miles

SOUTH CAROLINA

17.	I-26 south to I-20	107.0 miles
18.	I-20 southwest to SC-19*	47.0 miles
19.	SC-19 south to Savannah River Plant*	20.0 miles
	Subtotal	174.0 miles

TOTAL 873.0 miles

*Access to or exit from interstate system.

**Kentucky state approved route effective 11-2-88.