

SAFEGUARDS INFORMATION

Please return to:
Gloria M. Bennington
WF 424

FEB 21 1992

105

SGTB:RRR
05000186A20R

University of Missouri
ATTN: Mr. Roland A. Hultsch
Reactor Physicist
Research Park
Columbia, MO 65211

Dear Mr. Hultsch:

This is in regard to your February 3, 1992 request for approval of a route for transporting spent fuel from the University of Missouri Research 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 St. Louis, Missouri; Nashville 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.

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PDR ADOCK 05000186
P PDR

Document Transmitted Herewith
Contains Safeguards Information

UPON REMOVAL OF ATTACHMENT THIS DOCUMENT IS:

decontrolled

Enclosure 1 is unclassified.

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SAFEGUARDS INFORMATION

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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,

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
Columbia/Aiken (105)
05000186A20R
UMOLTRSC.WP5

DISTRIBUTION:

w/enclosures:

Docket File 50-186
Case File 50-186
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:	GMBennington	:RRentschler	:EEaston	:CMacDonald
DATE:	02/12/92	:02/20/92	:02/20/92	:02/20/92

ROAD TRANSPORTATION ROUTE
UNIVERSITY OF MISSOURI, COLUMBIA, MISSOURI
TO
DOE SAVANNAH RIVER PLANT, AIKEN, SOUTH CAROLINA

MISSOURI

1.	MO-740 east and north to I-70*	4.0 miles
2.	I-70 east to I-270	105.0 miles
3.	I-270 south and east to I-255 (I-255 is a continuation of I-270)	20.0 miles
4.	I-255 east to Illinois state line	4.0 miles
	Subtotal	<u>133.0 miles</u>

ILLINOIS

5.	I-255 east to I-64	16.0 miles
6.	I-64 east to I-57	66.0 miles
7.	I-57 south to I-24	51.0 miles
8.	I-24 south to Kentucky state line	35.0 miles
	Subtotal	<u>168.0 miles</u>

KENTUCKY

9.	I-24 southeast to Tennessee state line	123.0 miles
	Subtotal	<u>123.0 miles</u>

TENNESSEE

10.	I-24 southeast to I-65	45.0 miles
11.	I-65 south to I-40	8.0 miles
12.	I-40 east to I-640	157.0 miles
13.	I-640 east to I-40	8.0 miles
14.	I-40 east to North Carolina state line	77.0 miles
	Subtotal	<u>295.0 miles</u>

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	<u>89.0 miles</u>

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	<u>174.0 miles</u>

TOTAL 982.0 miles

*Access to or exit from interstate system