

~~SAFEGUARDS INFORMATION~~



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

JAN 23 1992

*Please return to:
Gloria Bannington
WF 4E4*

54

SGTB:RRR
05000186910R

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

Dear Mr. Hultsch:

This is in regard to your July 22, 1991 request for approval of a route for transporting spent fuel from the University of Missouri Research Reactor to the U. S. DOE Idaho National Engineering Laboratory, Idaho Falls, Idaho.

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 constitute approval for this route. This approval does not relieve the licensee from compliance with any requirements of the U.S. Department of Transportation or other applicable regulatory agencies. You should be aware that the Shoshone-Bannock Tribes (Fort Hall Indian Reservation) may have requirements that could affect the proposed shipments. We have no objection to your providing advance schedule information to the Shoshone-Bannock Tribes, provided the tribe agrees to protect the information. The Shoshone-Bannock Tribe should be advised that unauthorized disclosure could result in termination of notification of future shipments and is subject to civil and criminal sanctions under the Atomic Energy Act of 1954 as amended.

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 Kansas City, Missouri; Council Bluffs, Iowa; Omaha and Lincoln, Nebraska; and Ogden, Utah. 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.

Document Transmitted Herewith
Contains Safeguards Information

UPON REMOVAL OF ATTACHMENT THIS DOCUMENT IS:

decontrolled

Enclosure 1 is unclassified.

~~SAFEGUARDS INFORMATION~~

9201300233 920123
PDR ADOCK 05000196
P PDR

ADD: Gloria Bannington Utr. Encl.

JAN 28 1992

Mr. Roland A. Hultsch

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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.

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,

15/ 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/Idaho Falls (54)
05000186910R
UMOLTR.WP5

DISTRIBUTION:

w/enclosures:

- Docket File 50-186
- Case File 50-186
- Regions III & IV
- PDR (Enclosure 1)

w/o enclosures:

- NMSS/SGTB R/F
- RFonner
- MMessier
- CHAughney
- RRentschler
- EEaston
- RBurnett
- CMacDonald

OFC:	SGTB <i>g</i>	:SGTB ³	:SGTB	:SC <i>3/4</i>
NAME:	GMBennington	:RRentschler	:EEaston	:CMacDonald
DATE:	01/22/92	:01/23/92	:01/ /92	:01/23/92

ROAD TRANSPORTATION ROUTE
UNIVERSITY OF MISSOURI, COLUMBIA, MISSOURI
TO

DOE IDAHO NATIONAL ENGINEERING LABORATORY, IDAHO FALLS, IDAHO

MISSOURI

1.	MO-740 west and north to I-70	4.0 miles
2.	I-70 west to I-435	117.0 miles
3.	I-435 north to I-29	27.0 miles
4.	I-29 north to Iowa state line	110.0 miles
	Subtotal	<u>258.0 miles</u>

IOWA

5.	I-29 north to I-680	62.0 miles
6.	I-680 west to Nebraska state line	3.0 miles
	Subtotal	<u>55.0 miles</u>

NEBRASKA

7.	I-680 west to I-80	13.0 miles
8.	I-80 west to Wyoming state line	452.0 miles
	Subtotal	<u>465.0 miles</u>

WYOMING

9.	I-80 west to Utah state line	404.0 miles
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UTAH

10.	I-80 west to I-84	29.0 miles
11.	I-84 north to I-15	35.0 miles
12.	I-15 north to Idaho state line	56.0 miles
	Subtotal	<u>120.0 miles</u>

IDAHO

13.	I-15 north to US-26	92.0 miles
14.	US-26 northwest to US-20	34.0 miles
15.	US-20 west to Idaho National Engineering Laboratory	3.5 miles
	Subtotal	<u>129.5 miles</u>

TOTAL MILES 1,441.5 miles