

SAFEGUARDS INFORMATION

August 15, 2012

Mr. Roy A. Boyd
Secured Transportation Services
460 Silverberry Lane
Sugar Hill, GA 30518

SUBJECT: APPROVAL OF HIGHWAY ROUTE TO TRANSPORT SPENT NUCLEAR FUEL
FROM IDAHO NATIONAL LABORATORY, SCOVILLE, IDAHO TO SAVANNAH
RIVER SITE, AIKEN, SOUTH CAROLINA (NRC ROUTE NO. 242)

Dear Mr. Boyd:

I am responding to your letters dated June 11, 2012 and July 13, 2012, which requested the U.S. Nuclear Regulatory Commission (NRC) approve a highway route for transporting spent nuclear fuel (SNF) from Idaho National Laboratory, Scoville, Idaho to the U.S. Department of Energy's Savannah River Site, Aiken, South Carolina (NRC Route No. 242).

The NRC has reviewed your application and concluded that the information satisfies the requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) 73.37. Specific details of Route No. 242 are enclosed (Enclosure 1). Specific details of Route No. 242 combined with additional Safeguards Information (SGI) are also enclosed (Enclosure 2). Enclosure 2 will not be released to the public and you should protect it in accordance with the requirements of 10 CFR 73.21. Approval of Route No. 242 will expire August 31, 2017. The NRC expects your periodic review and update of the emergency phone numbers associated with this route. Changes to emergency contact numbers do not qualify as a route deviation or change.

The NRC issued Additional Security Measures (ASMs) for the transportation of SNF on October 3, 2002, for NRC licensees who ship greater than 100 grams of SNF. Licensees are required to comply with the requirements of 10 CFR 73.37 and these ASMs when shipping SNF. Licensees are also required to comply with U.S. Departments of Transportation and Homeland Security regulations on the shipment of hazardous materials.

In addition, the NRC issued Regulatory Issue Summary (RIS) 2002-12I, Revision 1, "Transportation of Spent Nuclear Fuel Greater than 100 Grams - NRC Threat Advisory and Protective Measures System," on October 3, 2002. The RIS advised licensees shipping SNF to consider various recommendations to be taken in conjunction with changes to the National or transportation- sector threat levels.

WARNING: Violation of Section 147 of the Atomic Energy Act, "Safeguards Information" is subject to Civil and Criminal Penalties.

When separated from Enclosure 2, this document is DECONTROLLED.

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R. Boyd

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If you are requested by State officials to deviate from a portion of the approved route (due to highway construction activities or other exigent conditions), please provide details of the deviation to Ms. Chiquita Collins of my staff as soon as possible. If you have questions on this route approval or require additional information, please contact Ms. Collins at (301) 415-8091 or via e-mail at chiquita.collins@nrc.gov for non-SGI information or via secure e-mail at cac4@nrc.sgov.gov.

Sincerely,

/RA/

Robert K. Caldwell, Chief
Fuel Cycle and Transportation Security Branch
Division of Security Policy
Office of Nuclear Security and Incident
Response

Enclosures:

1. Route No. 242 – Route Mileage Summary
2. Route No. 242 – Detailed Highway Route
Plan (Contains SGI)

cc: B. Desai, Region II
J. Shehee, Region II
O. Smith, Region II
R. Skokowski, Region III
M. Hay, Region IV

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J. Shehee, Region II
O. Smith, Region II
R. Skokowski, Region III
M. Hay, Region IV

DISTRIBUTION: w/o Enclosure 2

DSP r/f

RidsOgcMail Center Resource;

RidsNsirDsp Resource;

RidsRgn1Mail Center Resource;

RidsRgn2Mail Center Resource;

RidsRgn3Mail Center Resource;

RidsRgn4Mail Center Resource;

W. Blaney, OCFO

ADAMS Accession No.: ML12207A264

NAME	NSIR/DSP/FCTSB	NSIR/DSP/FCTSB	NSIR/DSP/FCTSB	NSIR/DSP/FCTSB:Chief
OFFICE	CCollins	RRagland	MKohen	RCaldwell
DATE	7/26/12	8/03/12	8/6/12	8/15/12

OFFICIAL RECORD COPY

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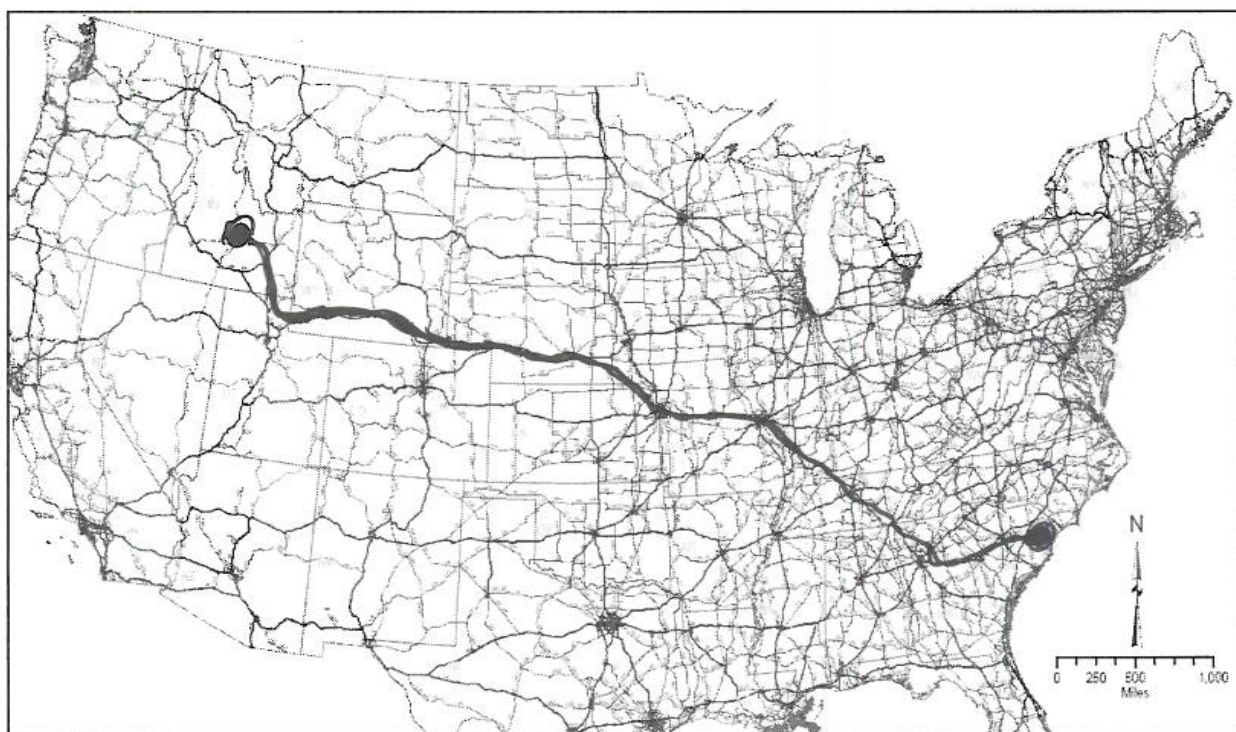


OFFICE OF NUCLEAR SECURITY AND INCIDENT RESPONSE
DIVISION OF SECURITY POLICY

AUGUST 2012

IRRADIATED REACTOR FUEL ROUTE SUMMARY

IDAHO NATIONAL LABORATORY, SCOVILLE, ID
TO SAVANNAH RIVER SITE, AIKEN, SC (NRC ROUTE NO. 242)



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AUGUST 2012

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STATE	WAYPOINT/INSTRUCTIONS	ROAD	DIR	TOWARDS	MILESTO NEXT WAYPOINT	CUMULATIVE ROUTE MILES
ID	Depart INL SOUTHEAST on US-26	US-26	SE	Blackfoot	34	34
ID	Go SOUTH on I-15	I-15	S	UT line	93	127
ID	STATE MILEAGE				127	
UT	Continue SOUTH on I-15	I-15	S	Ogden	60	187
UT	Go EAST on I-84	I-84	E	Echo	39	226
UT	Go EAST on I-80	I-80	E	WY line	29	255
UT	STATE MILEAGE				128	
WY	Continue EAST on I-80	I-80	E	NE line	402	657
WY	STATE MILEAGE				402	
NE	Continue EAST on I-680	I-680	E	Omaha	445	1102
NE	Go NORTH/EAST on I-80	I-80	N/E	IA line	13	1115
NE	STATE MILEAGE				458	
IA	Continue EAST on I-680	I-680	N/E	Minden	29	1144
IA	Go EAST on I-80	I-80	E	IL line	278	1422
IA	STATE MILEAGE				307	
IL	Continue EAST on I-80	I-80	E	Woodhull	10	1432
IL	Go EAST on I-74	I-74	E	Peoria	73	1505
IL	Go EAST on I-474	I-74	E	Peoria	14	1519
IL	Go EAST on I-74	I-74	E	Champaign	80	1599
IL	Go SOUTH on I-57	I-57	S	Goreville	194	1793
IL	Go EAST on I-24	I-24	E	KY line	38	1831
IL	STATE MILEAGE				409	

Enclosure 1

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STATE	WAYPOINT/INSTRUCTIONS	ROAD	DIR	TOWARDS	MILESTO NEXT WAYPOINT	CUMULATIVE ROUTE MILES
KY	Continue EAST on I-24	I-24	E	TN line	93	1924
KY	STATE MILEAGE				93	
TN	Continue EAST on I-24	I-24	E	GA line	168	2092
TN	STATE MILEAGE SEGMENT 1				168	
GA	Continue EAST on I-24	I-24	E	TN line	4	2096
GA	STATE MILEAGE SEGMENT 1				4	
TN	Continue EAST on I-24	I-24	E	Chattanooga	14	2110
TN	Go SOUTH on I-75	I-75	S	GA line	2	2112
TN	STATE MILEAGES 1 & 2				184	
GA	Continue SOUTH on I-75	I-75	S	Atlanta	96	2208
GA	Go EAST/SOUTH on I-285	I-285	E/S	Atlanta	26	2234
GA	Go EAST on I-20	I-20	E	Augusta	129	2363
GA	Go EAST on I-520	I-520	E	Augusta	15	2378
GA	Go EAST on GA-28	GA-28	E	SC line	2	2380
GA	STATE MILEAGE SEGMENTS 1 & 2				272	
SC	Go EAST on SC-125	SC-125	E	SRS-Jackson Gate	13	2393
SC	STATE MILEAGE SUBTOTAL				13	
ROUTE MILEAGE SUBTOTAL						2393

Enclosure 1