

SAFEGUARDS INFORMATION

January 24, 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 SAVANNAH RIVER SITE TO IDAHO NATIONAL LABORATORY,
SCOVILLE, IDAHO (NRC ROUTE NO. 202)

Dear Mr. Boyd:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am responding to your letters dated July 14, 2011 and November 21, 2011, which requested the NRC approve a route for transporting spent nuclear fuel (SNF) from Savannah River Site, Aiken, South Carolina, to Idaho National Laboratory, Scoville, Idaho (NRC Route No. 202).

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) Section 73.37. Specific details of NRC Route No. 202 is enclosed (Enclosure 1). Specific details of NRC Route No. 202 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 NRC Route No. 202 will expire January 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 also issued Regulatory Issue Summary (RIS) 2002-12I, Rev. 1, on October 3, 2002, "Transportation of Spent Nuclear Fuel Greater than 100 Grams - NRC Threat Advisory and Protective Measures System." 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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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,

Robert Caldwell, Chief */RA/*
Fuel Cycle and Transportation Security Branch
Division of Security Policy
Office of Nuclear Security and Incident Response

Enclosures:

1. Route No. 202 – Route and Mileage Summary
2. Route No. 202 – Detailed Highway Route Plan (Contains SGI)

cc: Binoy Desai, RII
James Shehee, Region II
Richard Skokowski, Region III
Mike Hay, Region IV

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DISTRIBUTION: w/o Enclosure 2
DSP r/f
RidsOgcMail Center Resource;
RidsNsirDsp Resource;
RidsRgn1Mail Center Resource;
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W. Blaney, OCFO

ADAMS Document Accession No.: ML120170310

NAME	NSIR/DSP/FCTSB	NSIR/DSP/FCTSB	NSIR/DSP/FCTSB	NSIR/DSP/FCTSB: Chief
OFFICE	CCollins	RRagland	MKohen	RCaldwell
DATE	1/ 20/12	1/20/12	1/ 20 /12	1/24 /12

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OFFICE OF NUCLEAR SECURITY AND INCIDENT RESPONSE
DIVISION OF SECURITY POLICY
JANUARY 2012
IRRADIATED REACTOR FUEL ROUTE SUMMARY **(202)**
SAVANNAH RIVER SITE, AIKEN, SC
TO IDAHO NATIONAL LABORATORY, SCOVILLE, ID



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Enclosure 1

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OFFICE OF NUCLEAR SECURITY AND INCIDENT RESPONSE
 DIVISION OF SECURITY POLICY
 JANUARY 2012
 IRRADIATED REACTOR FUEL ROUTE SUMMARY (202)
 SAVANNAH RIVER SITE, AIKEN, SC
 TO IDAHO NATIONAL LABORATORY, SCOVILLE, ID

STATE	WAYPOINT/INSTRUCTIONS	ROAD	DIR	TOWARDS	MILESTO NEXT WAYPOINT	CUMULATIVE ROUTE MILES
SC	Depart SRS at Jackson Barricade	SC-125	NW	Jackson	11	11
SC	Go West on SC-28	SC-28	W	GA line	2	13
SC	STATE MILEAGE					13
GA	Go WEST on GA-28	GA-28	W	Augusta	2	15
GA	Go WEST on I-520	I-520	W	Augusta	15	30
GA	Go WEST on I-20	I-20	W	Atlanta	129	159
GA	Go North on I-285	I-285	N	Marietta	26	185
GA	Go North on I-75	I-75	N	TN line	96	281
GA	STATE MILEAGE SEGMENT 1					268
TN	Continue NORTH on I-75	I-75	N	Chattanooga	2	283
TN	Go WEST on I-24	I-24	W	GA line	14	297
TN	STATE MILEAGE SEGMENT 1					16
GA	Continue WEST on I-24	I-24	W	TN line	4	301
GA	STATE MILEAGE SEGMENTS 1 & 2					272
TN	Continue WEST on I-24	I-24	W	KY line	168	469
TN	STATE MILEAGE SEGMENTS 1 & 2					184
KY	Continue WEST on I-24	I-24	W	IL line	93	562
KY	STATE MILEAGE					93
IL	Continue WEST on I-24	I-24	W	Marion	38	600
IL	Co NORTH on I-57	I-57	N	Mount Vernon	53	653
IL	Go WEST on I-64	I-64	W	E. St. Louis	66	719
IL	Go NORTH on I-255	I-255	N	Granite City	10	729
IL	Go WEST on I-270	I-270	W	MO line	7	736
IL	STATE MILEAGE					174

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STATE	WAYPOINT/INSTRUCTIONS	ROAD	DIR	TOWARDS	MILESTO NEXT WAYPOINT	CUMULATIVE ROUTE MILES
MO	Continue WEST on I-270	I-270	W	Hazelwood	13	749
MO	Go WEST on SR-370	SR-370	W	Saint Peters	12	761
MO	Go WEST on I-70	I-70	W	Kansas City	215	976
MO	Go NORTH on I-435	I-435	N	Ferrelview	28	1004
MO	Go WEST on I-29	I-29	N	IA line	110	1114
MO	STATE MILEAGE					378
IA	Continue NORTH on I-29	I-29	N	Council Bluff	48	1162
IA	Go WEST on I-80	I-80	W	NE line	4	1166
IA	STATE MILEAGE					52
NE	Continue WEST on I-80	I-80	W	WY line	454	1620
NE	STATE MILEAGE SUBTOTAL					454
WY	Continue WEST on I-80	I-80	W	UT line	402	2022
WY	STATE MILEAGE SUBTOTAL					402
UT	Continue WEST on I-80	I-80	W	Echo	29	2051
UT	Go WEST on I-84	I-84	W	Ogden	39	2090
UT	Go NORTH on I-15	I-15	N	ID line	60	2150
UT	STATE MILEAGE SUBTOTAL					128
ID	Continue NORTH on I-15	I-15	N	Blackfoot	93	2243
ID	Go NORTHWEST on US-26	I-26	NW	Facility	34	2277
ID	STATE MILEAGE					127
ROUTE MILEAGE TOTAL						2277

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