

SAFEGUARDS INFORMATION

August 23, 2006

Mr. James R. Wade
Spent Fuel Receipts Program Manager
U.S. Department of Energy
Idaho Operations Office
1955 Fremont Avenue
Idaho Falls, ID 83401

SUBJECT: APPROVAL OF HIGHWAY ROUTE TO TRANSPORT SPENT NUCLEAR FUEL
FROM SAVANNAH RIVER SITE TO IDAHO NATIONAL LABORATORY
(NRC ROUTE NO. 195)

Dear Mr. Wade:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am responding to your letter received October 2005, as supplemented by e-mails dated May 31 and August 17, 2006, which requested the NRC approve a route for transporting spent nuclear fuel (SNF) from the DOE Savannah River Site, Aiken, South Carolina, to the Idaho National Laboratory, Idaho Falls, Idaho (NRC Route No. 195).

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 Route No. 195 are enclosed [Enclosure 1]. Specific details of Route No. 195 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. 195 will expire August 31, 2011. 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 to consider various recommendations to be taken in conjunction with changes to the national or transportation-sector threat levels, when shipping SNF.

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

SAFEGUARDS INFORMATION

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. Adelaide Giantelli, as soon as possible. If you have questions on this route approval or require additional information please contact Ms. Giantelli at (301) 415-3521 or via e-mail at ASG2@nrc.gov for non-SGI information or via secure e-mail at SHB@nrc.sgov.gov.

Sincerely,

/RA/

Jeffrey Cruz, Acting Chief
Materials, Transportation, and Waste Security Branch
Division of Nuclear Security Policy
Office of Nuclear Security and Incident Response

Enclosures:

1. Route No. 195 - Mileage Summary
2. Route No. 195 - Detailed Highway Route Plan (SGI)

J. Wade

- 2 -

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BCC:

DOCKET
OSmith-II
MShannon-IV

Case File
JCameron-III

DISTRIBUTION W/O ENCLOSURE 2:

RidsOgcMailCenter
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EPoteat, OCIO

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DHaung, SFPO:NMSS

ADAMS ACCESSION NUMBER: ML061860534

R&D-NE3050-05-018

Enclosure 2 is SGI and has not been entered into ADAMS

TAC# D91822

OFFICE	DDMS:MTWSB	DDMS:MTWSB	(A) BC:DDMS/MTWSB
NAME	GBennington	AGiantelli - GPurdy for	JCruz
DATE	08/23/2006	08/23/2006	08/23/2006

OFFICIAL RECORD COPY

ROUTE MILEAGE SUMMARY (195)
SAVANNAH RIVER SITE, AIKEN, SC TO
IDAHO NATIONAL LABORATORY, SCOVILLE, ID

STATE	WAYPOINT/INSTRUCTION	ROAD	DIR	TOWARDS	MILES TO NEXT WAYPOINT	CUMULATIVE MILES
SC	DEPART SRS	LOCAL ROAD	N	JACKSON	6	0
SC	TAKE SC-125 AT JACKSON	SC-125	NW	BEACH ISLAND	10	6
SC	TURN ON SC-28	SC-28	W	GEORGIA LINE	3	16
SC	STATE MILEAGE SUBTOTAL				19	
GA	TAKE GA-28	GA-28	W	AUGUSTA	2	19
GA	TAKE I-520 AROUND AUGUSTA	I-520	W/N	AUGUSTA	15	21
GA	TURN ON I-20	I-20	W	ATLANTA	117	36
GA	AT I-285 GO NORTHWEST	I-285	N/W	CHATTANOOGA	26	153
GA	TURN ON I-75 NORTH	I-75	N	TENNESSEE LINE	118	179
GA	STATE MILEAGE SEGMENT 1 SUBTOTAL				278	
TN	STAY ON I-75	I-75	NW	NASHVILLE	2	297
TN	AT CHATTANOOGA TAKE I-24	I-24	W	GEORGIA LINE	15	299
TN	STATE MILEAGE SEGMENT 1 SUBTOTAL				17	
GA	CONTINUE ON I-24	I-24	W	TENNESSEE LINE	4	314
GA	STATE MILEAGE SEGMENT 2 SUBTOTAL				4	
	SEGMENTS 1 & 2 TOTAL				282	
TN	STAY ON I-24	I-24	N	KENTUCKY LINE	163	318
TN	STATE MILEAGE SEGMENT 2 SUBTOTAL				163	
	SEGMENTS 1 & 2 TOTAL				180	
KY	CONTINUE ON I-24	I-24	N	ILLINOIS LINE	91	481
KY	STATE MILEAGE SUBTOTAL				91	

STATE	WAYPOINT/INSTRUCTION	ROAD	DIR	TOWARDS	MILES TO NEXT WAYPOINT	CUMULATIVE MILES
IL	STAY ON I-24	I-24	N/W	PULLEYS MILL	38	572
IL	AT PULLEYS MILL TAKE I-57	I-57	N	CHAMPAIGN	194	610
IL	TURN ON I-74 WEST	I-74	W	E. PEORIA	81	804
IL	TAKE I-474 AROUND PEORIA	I-474	W	PEORIA	16	885
IL	CONTINUE ON I-74 WEST	I-74	W	MOLINE	74	901
IL	TAKE I-80 WEST	I-80	W	IOWA LINE	10	975
IL	STATE MILEAGE SUBTOTAL				413	
IA	STAY ON I-80	I-80	W	OMAHA	279	985
IA	TAKE I-680 AROUND OMAHA	I-680	W/S	NEBRASKA LINE	28	1269
IA	STATE MILEAGE SUBTOTAL				307	
NE	CONTINUE ON I-680	I-680	W/S	LINCOLN	13	1297
NE	TAKE I-80 TO WYOMING	I-80	W/S	WYOMING LINE	446	1305
NE	STATE MILEAGE SUBTOTAL				459	
WY	STAY ON I-80 WEST	I-80	W	UTAH LINE	401	1751
WY	STATE MILEAGE SUBTOTAL				401	
UT	CONTINUE WEST ON I-80	I-80	W	ECHO	29	2152
UT	TURN ON I-84 WEST	I-84	W	OGDEN	49	2181
UT	AT I-15 GO NORTH	I-15	N	IDAHO LINE	51	2230
UT	STATE MILEAGE SUBTOTAL				129	
ID	STAY ON I-15 NORTH	I-15	N	BLACKFOOT	93	2281
ID	AT BLACKFOOT TAKE US-26	US-26	NW	ATOMIC CITY	39	2374
ID	GO EAST ON US-20 TO INL	US-20	E	FACILITY	10	2413
ID	STATE MILEAGE SUBTOTAL				142	
	ROUTE MILEAGE TOTAL					2423