

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. 202)

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. 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 Route No. 202 are enclosed [Enclosure 1]. Specific details of 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 Route No. 202 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 Security Policy
Office of Nuclear Security and Incident Response

Enclosures:

1. Route No. 202 - Mileage Summary
2. Route No. 202 - Detailed Highway Route Plan (SGI)

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2. Route No. 202 - Detailed Highway Route Plan (SGI)

BCC:

DOCKET
OSmith-II
MShannon-IV

Case File
JCameron-III

DISTRIBUTION W/O ENCLOSURE 2:

RidsOgcMailCenter
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ADAMS ACCESSION NUMBER: ML061860489

R&D-NE3050-05-018

Enclosure 2 is SGI and has not been entered into ADAMS

TAC# D91823

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 (202)
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/w	MT. VERNON	53	610
IL	TURN ON I-74 WEST	I-74	W	EAST ST. LOUIS	66	663
IL	TAKE I-255 AROUND ST. LOUIS	I-255	N	GRANITE CITY	9	729
IL	TURN WEST ON I-270	I-270	W	MISSOURI LINE	3	738
IL	STATE MILEAGE SUBTOTAL				169	
MO	CONTINUE ON I-270	I-270	W	COLUMBIA	15	741
MO	TURN WEST ON I-70	I-70	W	KANSAS CITY	125	756
MO	TAKE I-435 AROUND KANSAS CITY	I-435	NW	ST. JOSEPH	29	881
MO	GO NORTH ON I-229	I-229	N	ST. JOSEPH	14	910
MO	TURN ON I-29 NORTH	I-29	N	IOWA LINE	99	924
MO	STATE MILEAGE SUBTOTAL				282	
IA	STAY ON I-29	I-29	N	COUNCIL BLUFFS	48	1023
IA	TURN ON I-80	I-80	W	NEBRASKA LINE	4	1071
IA	STATE MILEAGE SUBTOTAL				52	
NE	TAKE I-80 TO WYOMING	I-80	W	WYOMING LINE	456	1075
NE	STATE MILEAGE SUBTOTAL				456	
WY	STAY ON I-80 WEST	I-80	W	UTAH LINE	401	1531
WY	STATE MILEAGE SUBTOTAL				401	
UT	CONTINUE WEST ON I-80	I-80	W	ECHO	29	1932
UT	TURN ON I-84 WEST	I-84	W	OGDEN	49	1961
UT	AT I-15 GO NORTH	I-15	N	IDAHO LINE	51	2010
UT	STATE MILEAGE SUBTOTAL				129	

STATE	WAYPOINT/INSTRUCTION	ROAD	DIR	TOWARDS	MILES TO NEXT WAYPOINT	CUMULATIVE MILES
ID	STAY ON I-15 NORTH	I-15	N	BLACKFOOT	93	2061
ID	AT BLACKFOOT TAKE US-26	US-26	NW	ATOMIC CITY	39	2154
ID	GO EAST ON US-20 TO INL	US-20	E	FACILITY	10	2193
ID	STATE MILEAGE SUBTOTAL				142	
	ROUTE MILEAGE TOTAL					2203

