

SAFEGUARDS INFORMATION

September 12, 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 UNIVERSITY OF TEXAS TO IDAHO NATIONAL LABORATORY
(7NUCLEAR REGULATORY COMMISSION ROUTE NO. 245)

Dear Mr. Boyd:

I am responding to your letter dated June 26, 2012, which requested the U.S. Nuclear Regulatory Commission (NRC) approve a highway route for transporting spent nuclear fuel (SNF) from the University of Texas Pickle Research Center, Austin, Texas to Idaho National Laboratory, Scoville, Idaho (NRC Route No. 245).

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. 245 is enclosed (Enclosure 1). Specific details of Route No. 245 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. 245 will expire September 29, 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 2, "Transportation of Spent Nuclear Fuel Greater than 100 Grams - NRC Threat Advisory and Protective Measures System," on August 24, 2011. 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 Caldwell, Chief
Fuel Cycle and Transportation Security Branch
Division of Security Policy
Office of Nuclear Security and Incident
Response

Enclosures:

1. Route No. 245 – Route Mileage Summary
2. Route No. 245 – Detailed Highway Route Plan (Contains SGI)

cc: R. Caldwell, NSIR/DSP
R. Skokowski, RIII
M. Hay, RIV

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R. Skokowski, RIII
M. Hay, RIV

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;

ADAMS Accession No.: ML12242A221

NAME	NSIR/DSP/FCTSB	NSIR/DSP/FCTSB	NSIR/DSP/FCTSB:Chief
OFFICE	CCollins	RRagland	RCaldwell
DATE	9/7 /12	9/ 10/12	9/ 12/12

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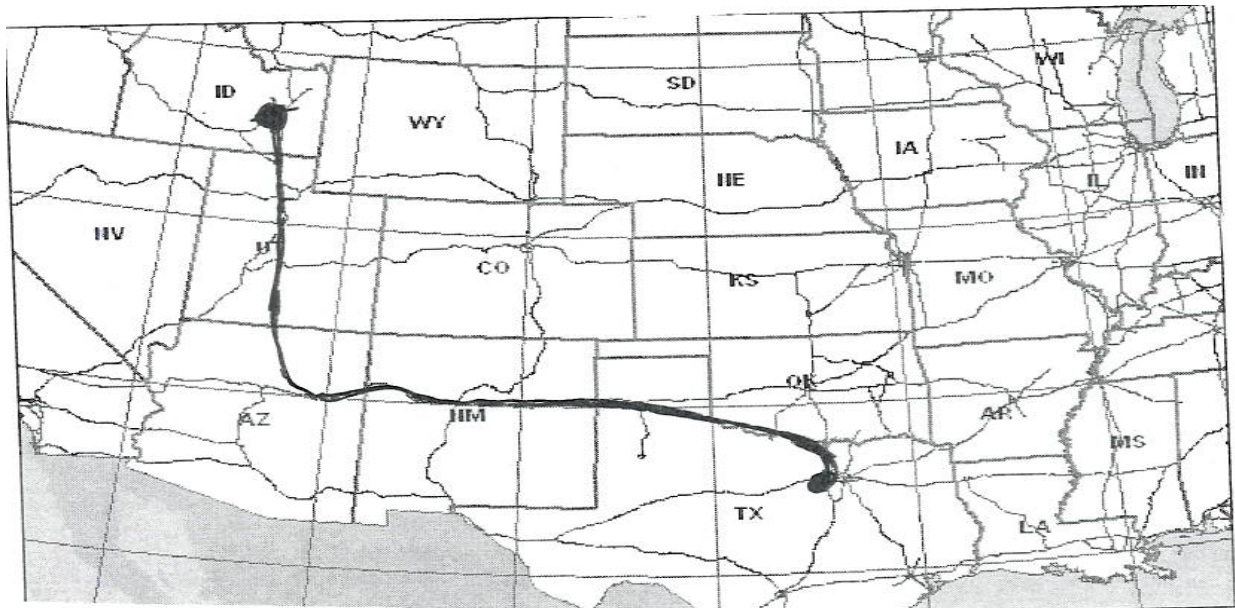
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OFFICE OF NUCLEAR SECURITY AND INCIDENT RESPONSE
DIVISION OF SECURITY POLICY
SEPTEMBER 2012

DETAILED HIGHWAY ROUTE PLAN

UNIVERSITY OF TEXAS, PICKLE RESEARCH CENTER, AUSTIN, TEXAS
TO IDAHO NATIONAL LABORATORY, SCOVILLE, ID (**NRC ROUTE NO. 245**)



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Enclosure 1

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OFFICE OF NUCLEAR SECURITY AND INCIDENT RESPONSE
 DIVISION OF SECURITY POLICY
 SEPTEMBER 2012

ROUTE MILEAGE SUMMARY

UNIVERSITY OF TEXAS, PICKLE RESEARCH CENTER, AUSTIN, TX
 TO IDAHO NATIONAL LABORATORY, SCOVILLE, ID (**NRC ROUTE NO. 245**)

STATE	WAYPOINT/INSTRUCTIONS	ROAD	DIR	TOWARDS	MILESTO NEXT WAYPOINT	CUMULATIVE ROUTE MILES
TX	Depart Pickle Research Center	Braker Lane	E	Austin	0.2	0.2
TX	Go SOUTH on Burnette Road	Burnette Road	S	Austin	1.5	1.7
TX	Go EAST on SR-183	SR-183	E	Austin	3.2	4.9
TX	Go SOUTH on I-35	I-35	S	San Antonio	73.1	78.0
TX	Go WEST on I-410	I-410	W	San Antonio	9.7	87.7
TX	Go WEST on I-10	I-10	W	NM line	563.4	651.1
TX	STATE MILEAGE				651.1	
NM	Continue on WEST on I-10	I-10	W	AZ line	164.2	815.3
NM	STATE MILEAGE				164.2	
AZ	Continue WEST on I-10	I-10	W	Phoenix	242.6	1057.9
AZ	Go NORTH on I-17	I-17	N	Flagstaff	145.5	1302.4
AZ	Go EAST on I-40	I-40	E	Flagstaff	5.7	1209.1
AZ	Go WEST on US-80	US-80	W	Flagstaff	0.5	1209.6
AZ	Go NORTH on US-89	US-89	N	Utah line	138.1	1347.7
AZ	STATE MILEAGE				532.4	
UT	Continue NORTH on US-89	US-89	N	Panguitch	141.5	1489.2
UT	Go WEST on SR-20	SR-20	W	Beaver	20.5	1509.7
UT	Go NORTH on I-15	I-15	N	Salt Lake City	204.2	1713.9
UT	Go NORTH on I-215	I-215	N	Salt Lake City	17.3	1731.2
UT	Go NORTH on I-15	I-15	N	Idaho line	87.3	1818.5
UT	STATE MILEAGE				470.8	
ID	Continue NORTH on I-15	I-15	N	Blackfoot	92.5	1911.0
ID	Go NORTHWEST on US-26	US-26	NW	Facility	34.1	1945.1
ID	STATE MILEAGE				126.6	
ROUTE MILEAGE TOTAL						1945.1