

## SAFEGUARDS INFORMATION

May 10, 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 TEXAS A&M UNIVERSITY TO IDAHO NATIONAL LABORATORY (NRC ROUTE NO. 221)

Dear Mr.Wade:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am responding to your letter of October 12, 2005, which requested the NRC approve a route for transporting spent fuel from the research reactor at Texas A&M University, destined for the Idaho National Laboratory (NRC Route No. 221)

The NRC has reviewed your application and concluded that the information satisfies the requirements of 10 CFR 73.37. Specific details of Route No. 221 are enclosed [Enclosure 1]. Specific details of Route No. 221 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. 221 will expire May 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 spent nuclear fuel.

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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J. Wade

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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. 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](mailto:ASG2@nrc.gov) for non-SGI information or via secure e-mail at [SHB@nrc.gov](mailto:SHB@nrc.gov).

Sincerely,

Michael C. Layton, Chief */RA/*  
Materials, Transportation, and Waste Security Section  
Nuclear Security Policy Project Directorate  
Division of Nuclear Security  
Office of Nuclear Security and Incident Response

Enclosures:

1. Route No. 221 - Mileage Summary
2. Route No. 221 - Detailed Highway Route Plan (SGI)

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Sincerely,

Michael C. Layton, Chief */RA/*  
 Materials, Transportation, and Waste Security Section  
 Nuclear Security Policy Project Directorate  
 Division of Nuclear Security  
 Office of Nuclear Security and Incident Response

Docket No: 05000128

Enclosures:

1. Route No. 221 - Mileage Summary
2. Route No. 221 - Detailed Highway Route Plan (SGI)

DISTRIBUTION: (05000128) (TAC No. D91824)  
 w/enclosures 1 and 2:

DOCKET Case File RidsRGN-IV

w/o Enclosure 2

RidsOgc RidsNsirDspMtwS RidsNsirDSP  
 NJensen, OGC EPoteat, OCIO MMendonca, NRR

ADAMS Package Accession # ML061300688  
 ADAMS Document Accession # ML061300686  
 Enclosure 2 is SGI and is not entered into ADAMS  
 \*concurrent

<b>OFC</b>	MTWS		MTWS		MTWS		MTWS	
<b>NAME</b>	SBagley*		KRiner*		AGiantelli*		MLayton*	
<b>DATE</b>	5/09/06		5/10/06		5/09/06		5/10/06	

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