

SAFEGUARDS INFORMATION

August 5, 2011

Das Kutikkad, PhD
Assistant Reactor Manager - Physics
University of Missouri Research Reactor
1513 Research Park Drive
Columbia, MO 65211

SUBJECT: APPROVAL OF HIGHWAY ROUTE TO TRANSPORT SPENT NUCLEAR FUEL
FROM COLUMBIA, MISSOURI, TO AIKEN, SOUTH CAROLINA (NUCLEAR
REGULATORY COMMISSION ROUTE NO. 182C)

Dear Dr. Kutikkad:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am responding to your submittals of May 2, 2011, and July 19, 2011, which requested the NRC to approve a change to route 182B for transporting spent nuclear fuel (SNF) from the University of Missouri, Columbia, Missouri, to the U.S. Department of Energy's Savannah River Site, Aiken, South Carolina (new NRC Route No. 182C).

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. 182C are enclosed (Enclosure 1). Specific details of Route No. 182C 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. 182C will expire August 31, 2016. 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 or deviation 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.

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D. Kutikkad

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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 Chiquita 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/

Dori Willis, Acting Chief
Fuel Cycle and Transportation Security Branch
Division of Security Policy
Office of Nuclear Security and Incident Response

Docket No. 050-186

Enclosures:
As stated

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Sincerely,

/RA/

Doris Willis, Acting Chief
Fuel Cycle and Transportation Security Branch
Division of Security Policy
Office of Nuclear Security and Incident Response

Docket No. 050-186

Enclosures:
As stated

DISTRIBUTION: w/Enclosures

M. Ernstes, RII
O. Smith, Region II
C. Lipa, Region III

DISTRIBUTION: w/o Enclosure 2

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W. Blaney, OCFO	RidsNsirDspResource	RidsRgn3MailCenterResource

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NAME	NSIR/DSP/FCTSB	NSIR/DSP/FCTSB	NSIR/DSP/FCTSB: Acting Chief
OFFICE	CCollins	MKohen	DWillis
DATE	8/03/11	8/03/11	8/05/11

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