

SAFEGUARDS INFORMATION

September 30, 2005

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

**SUBJECT: APPROVAL OF HIGHWAY ROUTE TO TRANSPORT SPENT NUCLEAR FUEL
FROM COLUMBIA, MO, TO AIKEN, SC (NRC ROUTE NO. 182B)**

Dear Dr. Kutikkad:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am responding to your submittal of June 22, 2005, which requested the NRC approve a change to route 182A 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. 182B).

The NRC has reviewed your submittal, including supplemented information, and concluded that the information satisfies the requirements of 10 CFR 73.37. Specific details of Route No. 182B are enclosed [Enclosure 1]. Specific details of Route No. 182B 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. 182B will expire two years from the date of this letter.

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 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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D. Kutikkad

- 2 -

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 Mrs. Kelly Riner of my staff as soon as possible. If you have questions on this route approval or require additional information please contact Mrs. Riner at (301) 415-6623 or via e-mail at PKR@nrc.gov for non-SGI information or via secure e-mail at PKR@nrc.sgov.gov.

Sincerely,

/RA/

Vonna L. Ordaz, Director
Nuclear Security Policy Project Directorate
Division of Nuclear Security
Office of Nuclear Security and Incident Response

Docket No. 50-186

Enclosures: 1. Route No. 182B - Mileage Summary
2. Route No. 182B - Detailed Highway Route Plan (U)

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DISTRIBUTION:

w/enclosures 1 and 2:

DOCKET Case File 50-186 KO'Brien, R-III OSmith, R-II'

w/o enclosure 2:

RidsOgc RidsNsirDnsMtwS RidsNsirDNS RidsNsirPmda1
NJensen, OGC EPoteat, OCIO DHughes, NRR

ADAMS Package Accession # ML052730082
ADAMS Document Accession # ML05273084
Enclosure 2 is SGI and is not entered into ADAMS

Public Non-Public Sensitive Non-Sensitive *see previous concurrence

OFC	MTWS/DNS	MTWS/DNS	MTWS/DNS	SC:MTWS/DNS	PD:NSPPD/DNS
NAME	SBagley:jph*	RFoster*	PBrochman*	MLayton (GP)*	VOrdaz
DATE	09/29/05	09/29/05	09/29/05	09/30/05	09/30/05

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