



SAFEGUARDS INFORMATION
UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

January 13, 2005

Mr. Michael J. Mosley, Project Engineer
Transportation Coordinator
Site and Transportation Services
NAC International
3930 East Jones Bridge Road
Norcross, GA 30092

**SUBJECT: APPROVAL OF HIGHWAY ROUTE TO TRANSPORT SPENT NUCLEAR FUEL
FROM CAMBRIDGE, MA, TO AIKEN, SC (NRC ROUTE NO. 217)**

Dear Mr. Mosley:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am responding to your submittal of December 2, 2004, which requested the NRC approve a route for transporting spent nuclear fuel (SNF) from Massachusetts Institute of Technology, Cambridge, Massachusetts, to the Savannah River Site, Aiken, South Carolina (NRC Route No. 217).

The NRC has reviewed NAC International's submittal and concluded that the information satisfies the requirements of 10 CFR 73.37. Specific details of Route No. 217 are enclosed [Enclosure 1]. Specific details of Route No. 217 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. 217 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

SAFEGUARDS INFORMATION

SAFEGUARDS INFORMATION

M. Mosley

- 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. Gloria Bennington of my staff as soon as possible. If you have questions on this route approval or require additional information please contact Mrs. Bennington at (301) 415-8183 or via e-mail at GMB@nrc.gov for non-SGI information or via secure e-mail at GMB@nrc.sgov.gov.

Sincerely,

/RA/

Joseph W. Shea, Project Director
Nuclear Security Policy Project Directorate
Division of Nuclear Security
Office of Nuclear Security and Incident Response

Docket No. 70-3020

Enclosures:

1. Route No. 217 - Mileage Summary
2. Route No. 217 - Detailed Highway Route Plan (U)

SAFEGUARDS INFORMATION

January 13, 2005

SAFEGUARDS INFORMATION

M. Mosley

- 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. Gloria Bennington of my staff as soon as possible. If you have questions on this route approval or require additional information please contact Mrs. Bennington at (301) 415-8183 or via e-mail at GMB@nrc.gov for non-SGI information or via secure e-mail at GMB@nrc.sgov.gov.

Sincerely,

(Original Signed by:)

Joseph W. Shea, Project Director
Nuclear Security Policy Project Directorate
Division of Nuclear Security
Office of Nuclear Security and Incident Response

Docket No. 70-3020

Enclosures:

1. Route No. 217 - Mileage Summary
2. Route No. 217 - Detailed Highway Route Plan (U)

DISTRIBUTION: (07003020I20R) (TAC # D91650)

w/Enclosures 1 and 2:

DOCKET Case File 70-3020 RBellamy, R-I OSmith, R-II

w/o Enclosure 2

RidsOgcMail DNS r/f RidsNsirDNS RidsNsirPmda1
NJensen, OGC EPoteat, OCIO MMendonca, NRR

ADAMS Package Accession # **ML050040214**
ADAMS Document Accession # ML050040217
Enclosure 2 is SGI and is not entered into ADAMS

OFC	MTWS/DNS	MTWS/DNS	MTWS/DNS	SC:MTWS/DNS	PD:NSPPD/DNS
NAME	GBennington/gb:jp h	RFoster	PGBrochman	MCLayton (AGS for:)	JWShea
DATE	01/04/05	01/06/05	01/07/05	01/12/05	01/ 13 /05

OFFICIAL RECORD COPY

Mailing Labels

MR. MICHAEL J. MOSLEY, PROJECT ENGINEER
TRANSPORTATION COORDINATOR
SITE AND TRANSPORTATION SERVICES
NAC INTERNATIONAL
3930 EAST JONES BRIDGE ROAD
NORCROSS, GA 30092

MR. MICHAEL J. MOSLEY, PROJECT ENGINEER
TRANSPORTATION COORDINATOR
SITE AND TRANSPORTATION SERVICES
NAC INTERNATIONAL
3930 EAST JONES BRIDGE ROAD
NORCROSS, GA 30092

MR. MICHAEL J. MOSLEY, PROJECT ENGINEER
TRANSPORTATION COORDINATOR
SITE AND TRANSPORTATION SERVICES
NAC INTERNATIONAL
3930 EAST JONES BRIDGE ROAD
NORCROSS, GA 30092

MR. MICHAEL J. MOSLEY, PROJECT ENGINEER
TRANSPORTATION COORDINATOR
SITE AND TRANSPORTATION SERVICES
NAC INTERNATIONAL
3930 EAST JONES BRIDGE ROAD
NORCROSS, GA 30092

MR. MICHAEL J. MOSLEY, PROJECT ENGINEER
TRANSPORTATION COORDINATOR
SITE AND TRANSPORTATION SERVICES
NAC INTERNATIONAL
3930 EAST JONES BRIDGE ROAD
NORCROSS, GA 30092