

## SAFEGUARDS INFORMATION

August 13, 2004

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 LOWELL, MA, TO AIKEN, SC (NRC ROUTE NO. 215)

Dear Mr. Mosley:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am responding to your submittal of July 14, 2004, which requested the NRC approve a route for transporting spent nuclear fuel (SNF) from the University of Massachusetts, Lowell, Massachusetts, to the Savannah River Site, Aiken, South Carolina (NRC Route No. 215).

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. 215 are enclosed [Enclosure 1]. Specific details of Route No. 215 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. 215 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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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. 215 - Mileage Summary
2. Route No. 215 - Detailed Highway Route Plan

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Joseph W. Shea, Project Director  
 Nuclear Security Policy Project Directorate  
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DISTRIBUTION: (07003020H70R) (TAC # D91562)

w/enclosures 1 and 2:

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

w/o Enclosure 2

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

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

<b>OFC</b>	MTWS		MTWS		MTWS		MTWS		NSP-PD	
<b>NAME</b>	GBennington/gb		RFoster		PBrochman		MLayton		JShea	
<b>DATE</b>	08/11/04		08/ 12 /04		08/ 12/04		08/ 12 /04		08/13 /04	

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**C = COVER**

**E = COVER & ENCLOSURE**

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## Mailing Labels

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