August 5, 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 BYRON, IL, TO NEWPORT NEWS, VA (NRC ROUTE NO. 220)

Dear Mr. Mosley:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am responding to your submittal of June 28, 2005, which requested the NRC approve a route for transporting spent nuclear fuel (SNF) from Byron Generating Station, Byron, Illinois, to Newport News Marine Terminal, Newport News, VA (NRC Route No. 220).

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. 220 are enclosed [Enclosure 1]. Specific details of Route No. 220 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. 220 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

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. Kelly 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, Project Director
Nuclear Security Policy Project Directorate
Division of Nuclear Security
Office of Nuclear Security and Incident Response

Docket No. 50-0454

Enclosures:
1. Route No. 220 - Mileage Summary
2. Route No. 220 - Detailed Highway Route Plan (U)

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DISTRIBUTION: (05000454I20R) (TAC # D91740)
w/enclosures 1 and 2:
DOCKET Case File 70-0302 RidsRGN-III RidsRGN-II

w/o Enclosure 2
RidsOgc RidsNsirDnsMtws RidsNsirDNS
NJensen, OGC EPoteat, OCIO MMendonca, NRR

ADAMS Package Accession # ML052100258
ADAMS Document Accession # ML052100266
Enclosure 2 is SGI and is not entered into ADAMS
*see previous concurrence

OFC	MTWS/DNS	MTWS/DNS	MTWS/DNS	SC:MTWS/DNS	PD:NSPPD/DNS
NAME	KRiner:jph*	RFoster*	PBrochman	MLayton*	VOrdaz
DATE	7/29/05	7/229/05		7/29/05	8/5/2005

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Mailing Labels

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