

SAFEGUARDS INFORMATION

April 27, 2012

Mr. Roy A. Boyd
Secured Transportation Services
460 Silverberry Lane
Sugar Hill, GA 30518

SUBJECT: APPROVAL OF HIGHWAY ROUTE TO TRANSPORT SPENT NUCLEAR FUEL FROM BYRON GENERATING STATION TO THE PORT OF SAVANNAH, SAVANNAH, GEORGIA (NUCLEAR REGULATORY COMMISSION ROUTE NO. 241). DOCKET NUMBER: 07007011

Dear Mr. Boyd:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am responding to your letter dated March 9, 2012, which requested the NRC-approved route for transporting spent nuclear fuel (SNF) from Byron Generating Station, Byron, Illinois to the Port of Savannah, Savannah, Georgia (NRC Route No. 241).

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. 241 are enclosed (Enclosure 1). Specific details of Route No. 241 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. 241 will expire April 28, 2017. 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 deviation or 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 issued Regulatory Issue Summary (RIS) 2002-12I, Revision. 1, "Transportation of Spent Nuclear Fuel Greater than 100 Grams - NRC Threat Advisory and Protective Measures System," on October 3, 2002. 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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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 Ms. 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/

Robert Caldwell, Chief
Fuel Cycle and Transportation Security Branch
Division of Security Policy
Office of Nuclear Security and Incident Response

Enclosures:

1. Route No. 241 – Route Mileage Summary
2. Route No. 241 – Detailed Highway Route Plan (Contains SGI)

cc: B. Desai, Region II
J. Shehee, Region II
O. Smith, Region II
R. Skokowski Region III

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DISTRIBUTION: w/o Enclosure 2

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DATE	4/23/12	4/23/12	04/27/12

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