May 20, 2013

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 BUFFALO, NEW YORK, PORT OF ENTRY TO SAVANNAH RIVER SITE (NUCLEAR REGULATORY COMMISSION ROUTE NO. 231)

Dear Mr. Boyd:

I am responding to your letters dated March 6, 2013, March 21, 2013, April 30, 2013, and your email dated March 13, 2013, which requested the U.S. Nuclear Regulatory Commission (NRC) approve a highway route for transporting spent nuclear fuel (SNF) from the Buffalo, New York, Port of Entry to Savannah River Site, Aiken, South Carolina (NRC Route No. 231).

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. 231 are enclosed (Enclosure 1). Specific details of Route No. 231 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. 231 will expire May 31, 2018. 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 2, “Transportation of Spent Nuclear Fuel Greater than 100 Grams - NRC Threat Advisory and Protective Measures System,” on August 24, 2011. 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 Ms. Chiquita Ben Israel of my staff as soon as possible. If you have questions on this route approval or require additional information, please contact Ms. Ben Israel at (301) 415-8091 or via e-mail at Chiquita.BenIsrael@nrc.gov for non-SGI information or via secure e-mail at cac4@nrc.sgov.gov.

Sincerely,

/RA/

Michael Rodriguez, Acting Chief
Fuel Cycle and Transportation Security Branch
Division of Security Policy
Office of Nuclear Security and Incident Response

Enclosures:
1. Route No. 231 – Route Mileage Summary
2. Route No. 231 – Detailed Highway Route Plan (Contains SGI)

cc: M. Rodriguez, NSIR/DSP
    P. Isaac, NRR/DPR
    E. Reed, NRR/DPR
    B. Desai, Region II
    J. Shehee, RII
    O. Smith, RII
SAFEGUARDS INFORMATION

R. Boyd

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DISTRIBUTION: w/o Enclosure 2
DSP r/f A. Dimitriadis, RI
RidsOgcMail Center Resource RidsRgn2Mail Center
RidsNsirDsp Resource RidsRgn3Mail Center Resource
RidsRgn1Mail Center Resource RidsRgn4Mail Center Resource

ADAMS Accession No.: ML13094A368

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<td>RRagland</td>
<td>MRodriguez</td>
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<td>5/20/13</td>
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OFFICIAL RECORD COPY

SAFEGUARDS INFORMATION
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# Office of Nuclear Security and Incident Response
## Division of Security Policy
### Route Mileage Summary
**MAY 2013**
**Buffalo, NY, Port of Entry**
**To Savannah River Site, Aiken, SC (NRC Route No. 231)**

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<tr>
<th>STATE</th>
<th>WAYPOINT/INSTRUCTIONS</th>
<th>ROAD</th>
<th>DIR</th>
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<th>CUMULATIVE ROUTE MILES</th>
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<td>Enter U.S. on Ft. Erie/Peace Bridge</td>
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**ROUTE MILEAGE TOTAL** | **882.5**

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Enclosure 1