

SAFEGUARDS INFORMATION

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.

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R. Boyd

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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 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

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/RA/

Michael Rodriguez, Acting Chief
Fuel Cycle and Transportation Security Branch
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DISTRIBUTION: w/o Enclosure 2

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 RidsNsirDsp Resource
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A. Dimitriadis, RI
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ADAMS Accession No.: ML13094A368

NAME	NSIR/DSP/FCTSB	NSIR/DSP/FCTSB	NSIR/DSP
OFFICE	CBenIsrael	RRagland	MRodriguez
DATE	4/8/13	5/20/13	5/20/13

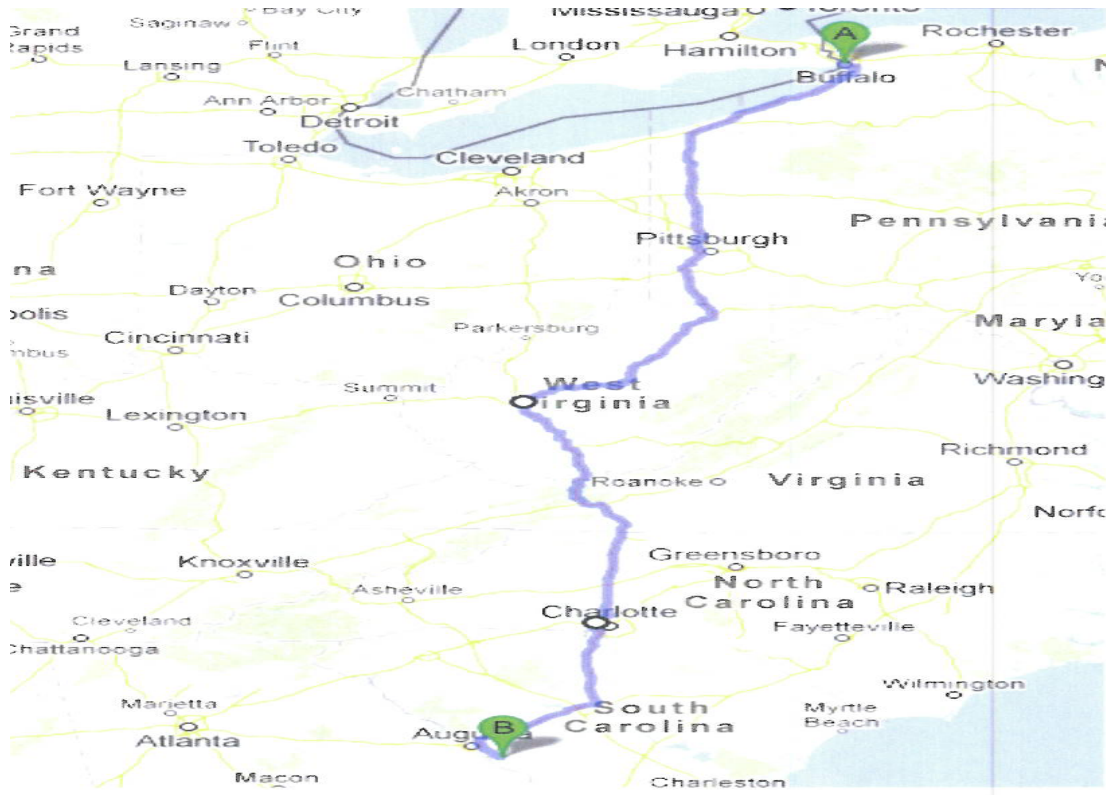
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OFFICE OF NUCLEAR SECURITY AND INCIDENT RESPONSE
DIVISION OF SECURITY POLICY
DETAILED HIGHWAY ROUTE PLAN
MAY 2013
BUFFALO, NY, PORT OF ENTRY
TO SAVANNAH RIVER SITE, AIKEN, SC (**NRC ROUTE NO. 231**)



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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)

STATE	WAYPOINT/INSTRUCTIONS	ROAD	DIR	TOWARDS	MILESTO NEXT WAYPOINT	CUMULATIVE ROUTE MILES
NY	Enter U.S. on Ft. Erie/Peace Bridge	I-190	S/E	Buffalo	7.3	7.3
NY	Go WEST on I-90	I-90	W	Pennsylvania line	69.7	77.0
NY	STATE MILEAGE				77.0	
PA	Continue WEST on I-90	I-90	W	Erie, PA	24.7	101.7
PA	Continue on SOUTH on I-79	I-79	S	Virginia line	177.4	279.1
PA	STATE MILEAGE				202.1	
WV	Continue SOUTH on I-79	I-79	S	Charleston	159.6	438.7
WV	Go SOUTH on I-77	I-77	S	Virginia line	102.9	541.6
WV	STATE MILEAGE				262.5	
VA	Continue SOUTH on I-77	I-77	S	North Carolina line	67.3	608.9
VA	STATE MILEAGE				67.3	
NC	Continue SOUTH on I-77	I-77	S	Charlotte	85.7	694.6
NC	Go WEST/SOUTH on I-485	I-485	W/S	Charlotte	21.8	716.4
NC	Go SOUTH on I-77	I-77	S	South Carolina line	1.6	718.0
NC	STATE MILEAGE				109.1	
SC	Continue SOUTH on I-77	I-77	S	Columbia	74.3	792.3
SC	Go WEST on I-20	I-20	W	Aiken	67.0	859.3
SC	Go SOUTH on I-520	I-520	S	Aiken	6.2	865.2
SC	Go EAST on US-1	US-1	E	Jackson	1.0	866.2
SC	Go SOUTH on SC-125	SC-125	S	SRS Site	16.0	882.5
SC	STATE MILEAGE				164.5	
ROUTE MILEAGE TOTAL						882.5

Enclosure 1