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March 29, 2013

Mr. Andrew A. Lingenfelter  
Vice President, Fuel Engineering  
Global Nuclear Fuel-Americas, LLC  
P.O. Box 780, M/C A-55  
Wilmington, NC 28401

SUBJECT: FINAL SAFETY EVALUATION FOR GLOBAL NUCLEAR FUEL – AMERICAS  
TOPICAL REPORT (TR) ENHANCED LEAD USE CHANNEL PROGRAM FOR  
NSF FUEL BUNDLE CHANNELS (TAC NO. ME9829)

Dear Mr. Lingenfelter:

By letter dated September 25, 2012, Agencywide Documents Access and Management System (ADAMS) Accession No. ML12270A245, Global Nuclear Fuel - Americas, LLC (GNF) submitted MFN 12-074, "Enhanced Lead Use Channel (LUC) Program for NSF Fuel Bundle Channels" (MFN 12-074) to the U.S. Nuclear Regulatory Commission (NRC) staff for review and endorsement in accordance with the NRC's Office Instruction LIC-500, Revision 4. Enclosed is a copy of the NRC staff's final safety evaluation (SE).

The NRC staff has found that MFN 12-074 is acceptable for referencing in licensing applications to the extent specified and under the limitations and conditions delineated in the TR and in the enclosed final SE. The final SE defines the basis for our acceptance of the TR.

Our acceptance applies only to material provided in the subject TR. We do not intend to repeat our review of the acceptable material described in the TR. When the TR appears as a reference in license applications, our review will ensure that the material presented applies to the specific plant involved. License amendment requests that deviate from this TR will be subject to a plant-specific review in accordance with applicable review standards.

In accordance with the guidance provided on the NRC website, we request that GNF publish accepted proprietary and non-proprietary versions of this TR within three months of receipt of this letter. The accepted versions shall incorporate this letter and the enclosed final SE after the title page. In addition, they must contain historical review information, including the original requesting letter dated September 25, 2012, the supplemental letter dated January 25, 2013, and any other NRC requests for additional information and your responses. The accepted versions shall include a "-A" (designating accepted) following the TR identification symbol.

**Notice: When separated from Enclosure 1, this cover letter is decontrolled.**

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- 2 -

If future changes to the NRC's regulatory requirements affect the acceptability of this TR, GNF or any licensees referencing MFN 12-074 will be expected to revise the TR appropriately, or justify its continued applicability for subsequent referencing.

If you have any questions, please contact Sheldon Stuchell at (301) 415-1847 or Stephen Philpott at (301) 415-2365.

Sincerely,

*/RA/*

Sher Bahadur, Deputy Director  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Project No. 712

Enclosures:

1. Final Proprietary SE
2. Final Non-Proprietary SE

cc w/encl 2 only: See next page

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**ADAMS Accession Nos.: ML13072B159 (Cover Letter); ML13072A168 (PROP SE); ML13072B229 (NON-PROP SE); ML13078A283 (Package) \*No technical changes to the original SE. NRR-106**

<b>OFFICE</b>	PLPB/PM	PLPB/LA	DSS/SNPB*	PLPB/BC	DPR/DD
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<b>DATE</b>	03/13/2013	03/26/2013	02/11/2013	03/28/2013	03/29/2013

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Global Nuclear Fuel  
cc:

Project No. 712

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