

August 12, 2016

Mr. Scott P. Murray, Manager  
Licensing & Liabilities  
Global Nuclear Fuel-Americas  
3901 Castle Hayne Road  
P.O. Box 780 – M/C K-84  
Wilmington, NC 28401

SUBJECT: REQUEST FOR SUPPLEMENTAL INFORMATION TO GLOBAL NUCLEAR  
FUELS – AMERICAS RESPONSE TO GENERIC LETTER 2015-01

Dear Mr. Murray:

The U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) GL-2015-01, "Treatment of Natural Phenomena Hazards (NPH) in Fuel Cycle Facilities," (Agencywide Documents Access and Management System [ADAMS] No. ML15086A515) on June 22, 2015, which requested a written response by September 22, 2015.

On July 22, 2015, Global Nuclear Fuels – Americas (GNF-A) sent ACH-15-001 (ADAMS No.: MI15203A018) requesting an extension to respond to the GL until January 29, 2016. GNF-A stated the extension was needed in order to document the ongoing Natural Phenomena Hazards analysis in the Integrated Safety Analysis (ISA), incorporate guidance from the newly issued Fuel Cycle Safety, Safeguards, and Environmental Interim Staff Guidance - 15, and update the ISA Summary on schedule with the normal submittal of annual summary of changes in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Paragraph 70.72(d)(3).

On August 7, 2015, we sent you a letter (ADAMS No. ML15222A002) requiring a written response by the stated deadline in the GL to provide as complete a response as possible and to provide further information to establish an adequate basis for acceptability.

On September 22, 2015, you sent letter SPM-15-027 (ADAMS No. ML15265A315) providing further information, which included information and actions to be incorporated into the annual update to the ISA Summary, which was submitted on January 29, 2016 (ADAMS No. ML16029A085). This response was documented as Amendment 10 to SNM-1097.

A site visit by the NRC staff was conducted August 1-2, 2016, and included personnel from GNF-A, as well contract support involved in the structural evaluation. The record of those in attendance for the exit meeting is included as Enclosure 1. Walk downs of the facility were conducted and discussions were held to review the methodology used to address the information requested by GL. Further information is requested to address outstanding issues requested by the GL, and is included as Enclosure 2. Please provide a response to Enclosure 2 within 30 days of receipt of this letter.

S. Murray

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In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter and Enclosures 1 and 2 will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's ADAMS. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

If you have any questions, feel free to contact Tyrone Naquin at (301) 415-7352, or via e-mail at: [Tyrone.Naquin@nrc.gov](mailto:Tyrone.Naquin@nrc.gov).

Sincerely,

***/RA Robert Johnson Acting for/***

Tyrone D. Naquin, Project Manager  
Fuel Manufacturing Branch  
Division of Fuel Cycle Safety, Safeguards,  
and Environmental Review  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 70-1113

License No.: SNM-1097

Enclosures:

1. GNF-A Site Visit Attendance Roster
2. Requests for Supplemental Information

S. Murray

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If you have any questions, feel free to contact Tyrone Naquin at (301) 415-7352, or via e-mail at: [Tyrone.Naquin@nrc.gov](mailto:Tyrone.Naquin@nrc.gov).

Sincerely,

***/RA Robert Johnson Acting for/***

Tyrone D. Naquin, Project Manager  
Fuel Manufacturing Branch  
Division of Fuel Cycle Safety, Safeguards,  
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DATE	08/5/16	08/11/16	08/11/16	08/12/16	08/12/16

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