



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

October 13, 2017

Mr. Scott P. Murray, Manager
Facility Licensing
Global Nuclear Fuel-Americas
3901 Castle Hayne Road
P.O. Box 780 – M/C J-20
Wilmington, NC 28402

SUBJECT: STAFF EVALUATION OF GLOBAL NUCLEAR FUEL-AMERICAS, RESPONSE TO GENERIC LETTER 2015-01, "TREATMENT OF NATURAL PHENOMENA HAZARDS IN FUEL CYCLE FACILITIES" FOR ITS FACILITY IN WILMINGTON, NORTH CAROLINA

Dear Mr. Murray:

On June 22, 2015, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 2015-01, "Treatment of Natural Phenomena Hazards in Fuel Cycle Facilities" (Agencywide Documents Access and Management System [ADAMS] Accession Number ML14328A029). The GL 2015-01 was issued for two purposes: (1) to request that addressees submit information to demonstrate compliance with regulatory requirements and applicable license conditions regarding the treatment of natural phenomena events in the facilities' integrated safety analysis; and (2) to determine if additional NRC regulatory action is necessary to ensure that licensees comply with their licensing basis and existing NRC regulations.

The NRC staff completed its evaluation of the Global Nuclear Fuel – Americas (GNF-A or Licensee) response to GL 2015-01 dated January 29, 2016 (ADAMS Accession Number ML16029A144) including the responses to request for supplemental information dated August 12, 2016 (ADAMS Accession Number ML16218A258) and February 16, 2017 (ADAMS Accession Number ML17044A036). The NRC staff evaluation report is enclosed.

The NRC staff will perform an inspection using Temporary Instruction 2600/016, "Inspection Activities Associated with GL 2015-01," (ADAMS Accession Number ML15317A506) to independently verify implementation of controls regarding the treatment of Natural Phenomena Hazards (NPH) in the GNF-A Integrated Safety Assessment Summary and to inform the closure process of NRC GL 2015-01. The results of these regulatory activities will allow the staff to verify that GNF-A demonstrates compliance with regulatory requirements and applicable license conditions regarding the treatment of NPH at the GNF-A facility.

S. Murray

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

Sincerely,

\RA

Margie A. Kotzalas, Chief
Programmatic Oversight
and Regional Support 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

Enclosure:
Evaluation Report

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DATED: October 13, 2017

DISTRIBUTION: FCSE r/f

ADAMS Accession Number: ML17258B209

*** via E-mail**

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