



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

December 22, 2017

Mr. Adam Hilton
FMO Facility Manager
Global Nuclear Fuel-Americas, L.L.C.
P.O. Box 708 – M/C J-20
Wilmington, NC 28402

SUBJECT: CLOSURE OF GENERIC LETTER 2015-01, "TREATMENT OF NATURAL PHENOMENA HAZARDS IN FUEL CYCLE FACILITIES," FOR THE GLOBAL NUCLEAR FUEL- AMERICAS, L.L.C, FACILITY IN WILMINGTON, NORTH CAROLINA

Dear Mr. Hilton:

On June 22, 2015, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 2015-01, "Treatment of Natural Phenomena Hazards (NPH) in Fuel Cycle Facilities," (Agencywide Documents Access and Management System [ADAMS] Accession Number ML14328A029). 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 (ISA); 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, L.L.C (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 concluded that GNF-A has acceptably addressed the information requested in GL-2015-01. A Staff Evaluation Report of the GNF-A response to GL-2015-01 was issued on October 13, 2017 (ADAMS Accession Number ML17258B209).

The NRC staff conducted an inspection during the week of November 27, 2017, in accordance with Temporary Instruction (TI) 2600/016, "Inspection of Activities Associated with NRC Generic Letter 2015-01" (ADAMS Accession Number ML15317A506). The results are documented in an Inspection Report dated December 20, 2017 (ADAMS Accession Number ML17354A197). This inspection independently verified compliance with applicable regulatory requirements and license conditions regarding the treatment of NPH as described in the GNF-A ISA.

Based on the evaluation of GNF-A's response to GL-2015-01 and the results of the TI 2600/016 inspection, the NRC staff has concluded that GNF-A performed appropriate evaluations of the NPH for its facility. As a result, GL-2015-01 is considered closed and no further information or action is requested.

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 BSmith for/

Craig G. Erlanger, Director
Division of Fuel Cycle Safety, Safeguards,
and Environmental Review
Office of Nuclear Material Safety
and Safeguards

Docket No. 70-1113
License No. SNM-1097

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DATED: December 22, 2017

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ADAMS Accession Number: ML17353A019

***via email**

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