

July 06, 2017

Mr. Richard J. Freudenberger, Director
Safety and Safeguards
Nuclear Fuel Services, Inc.
P.O. Box 337, MS 123
Erwin, TN 37650

SUBJECT: STAFF EVALUATION OF NUCLEAR FUEL SERVICES, INCORPORATED,
ERWIN FACILITY RESPONSE TO GENERIC LETTER 2015-01, "TREATMENT
OF NATURAL PHENOMENA HAZARDS IN FUEL CYCLE FACILITIES"

Dear Mr. Freudenberger:

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 has completed its evaluation of the Nuclear Fuel Services, Incorporated (NFS) response to GL 2015-01 dated October 2, 2015 (ADAMS Accession Number ML15289A193), including the responses to request for supplemental information dated June 8, 2016, (ADAMS Accession Number: ML16172A098) and April 18, 2017, (ADAMS Accession Number: ML17135A194). 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 NFS Integrated Safety Assessment Summary and to inform the closure process of GL 2015-01. The results of these regulatory activities will allow the staff to verify that NFS demonstrates compliance with regulatory requirements and applicable license conditions regarding the treatment of NPH at the NFS facility.

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,

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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. 70-0143
License No. SNM-124

Enclosure:
Evaluation Report

STAFF EVALUATION OF NUCLEAR FUEL SERVICES, INCORPORATED, ERWIN FACILITY
 RESPONSE TO GENERIC LETTER 2015-01, "TREATMENT OF NATURAL PHENOMENA
 HAZARDS IN FUEL CYCLE FACILITIES"

DATED: July 06, 2017

DISTRIBUTION: FCSE r/f

ADAMS Package Accession Number: ML17184A048

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