

21G-16-0092  
GOV-01-55-04  
ACF-16-0171

June 8, 2016

Mr. Kevin M. Ramsey, Senior Project Manager  
U.S. Nuclear Regulatory Commission  
Fuel Manufacturing Branch  
Division of Fuel Cycle Safety, Safeguards,  
& Environmental Review  
Office of Nuclear Material Safety and Safeguards  
Two White Flint North  
11555 Rockville Pike  
Rockville, MD 20852-2738

**When detached from the  
attachment and enclosures,  
handle this page as  
UNCLASSIFIED.**

- References:
1. NFS Reply to NRC Generic Letter 2015-01, Treatment of Natural Phenomena Hazards in Fuel Cycle Facilities, 21G-15-0177, October 2, 2015
  2. NRC Request For Supplemental Information Concerning NFS Response To Generic Letter 2015-01, February 8, 2016
  3. Seismic Evaluation of the Nuclear Fuel Services Fuel Fabrication Facility, NSA-TR-NFS-14-1, Rev. 1, dated February 22, 2016

**Subject: Supplemental Information Requested by the NRC Regarding the 2015  
Nuclear Fuel Services Response to Generic Letter 2015-01**

Nuclear Fuel Services, Inc. (NFS) is submitting the attached response to the questions received following the NRC's review of NFS' response to Generic Letter 2015-01.

<p><del>OFFICIAL USE ONLY</del></p> <p>May be exempt from public release under the Freedom of Information Act (5 U.S.C. 552). Exemption number and category: <u>7</u></p> <p>Department of Energy review required before public release.</p> <p><u>R. Shuckelford / NFS</u></p> <p>Name and organization of person making determination</p> <p>Date of Determination: <u>6/8/2016</u></p> <p>Guidance (if applicable): <u>CG-59-4 &amp; SALM Notice</u></p>
---

~~OFFICIAL USE ONLY~~

If you or your staff have any questions, require additional information, or wish to discuss these questions further, please contact me at (423) 743-1705, or Mr. Nicholas Brown, Nuclear Criticality Safety Unit Manager, at (423) 735-5519. Please reference our unique document identification number (21G-16-0092) in any correspondence concerning this letter.

I affirm that the statements made in this submittal are true and correct to the best of my knowledge, information, and belief.

Sincerely,

**When detached from the  
attachment and enclosures,  
handle this page as  
UNCLASSIFIED.**

**NUCLEAR FUEL SERVICES, INC.**



Richard Freudenberger  
Safety and Safeguards Director

NWB/pj

Attachment: Supplemental Information Requested by the NRC Regarding the 2015 Nuclear Fuel Services Response to Generic Letter 2015-01

Enclosures:

1. Nuclear Criticality Safety Analysis for Seismic Events at Nuclear Fuel Services
2. Integrated Safety Analysis Evaluation for Seismic Events at Nuclear Fuel Services

~~OFFICIAL USE ONLY~~

~~OFFICIAL USE ONLY~~

Copy:

Director  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555-0001

Regional Administrator  
U.S. Nuclear Regulatory Commission, Region II  
245 Peachtree Center Avenue NE, Suite 1200  
Atlanta, GA 30303-1257

Mr. Marvin Sykes  
Chief, Projects Branch 1  
U.S. Nuclear Regulatory Commission, Region II  
245 Peachtree Center Avenue NE, Suite 1200  
Atlanta, GA 30303-1257

Mr. David Hartland  
Senior Project Inspector  
U.S. Nuclear Regulatory Commission, Region II  
245 Peachtree Center Avenue NE, Suite 1200  
Atlanta, GA 30303-1257

Ms. Carmen Rivera-Crespo  
Project Inspector  
U.S. Nuclear Regulatory Commission, Region II  
245 Peachtree Center Avenue NE, Suite 1200  
Atlanta, GA 30303-1257

Mr. Charles Stancil  
Senior Resident Inspector  
U.S. Nuclear Regulatory Commission

When detached from the  
attachment and enclosures,  
handle this page as  
UNCLASSIFIED.

~~OFFICIAL USE ONLY~~