



1205 banner hill road ■ erwin, tn 37650 ■ phone 423.743.9141
www.nuclearfuelservices.com

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RETURN RECEIPT REQUESTED

21G-17-0065
GOV-01-55-04
ACF-17-0083

March 13, 2017

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

Subject: Update to 30-Day Written Notification of Event (NRC Event No. 52358)

Reference: 1) Docket No. 70-143: SNM License 124
2) NFS letter, R. J. Freudenberger to NRC, "30-Day Written Notification of Event (NRC Event No. 52358)," dated December 9, 2016 (21G-16-0209)

Gentlemen:

On November 9, 2016, at approximately 1742 hours (ET), Nuclear Fuel Services, Inc. (NFS) made a telephone notification to the Nuclear Regulatory Commission (NRC) Operations Center of an event for which 10 CFR 70.50(b)(2) requires a notification. This letter provides an update to the 30-day written notification of that event which was submitted on December 9, 2016, (Reference 2).

Our letter of December 9, 2016, indicated a probable failure of two components which was later determined to be inaccurate based on repairs and diagnostics conducted on December 10, 2016.

On November 9, 2016, after identification of the event, diagnostics on the speaker wire detected high resistance (700 k Ω versus 47 k Ω expected). In addition, the measured output voltage was low (due to the high resistance). The high resistance and low output voltage did not allow the speakers to function. On December 10, 2016, continuing diagnostics of the wire detected a short to a grounded shield (~15M Ω). The short prevented the self-monitoring feature of the system to detect the fault. The faulty wire was subsequently isolated to a 20-foot section of wire. After replacement of the wire, the self-monitoring feature was restored. Additional diagnostics identified no issues with the electronic components associated with the self-monitoring feature, including the Citel Model E280-48V surge suppressor referenced in our original 30-Day written notification (Reference 2).

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If you or your staff have any questions, require additional information, or wish to discuss this matter further, please contact me at (423) 743-1705, or Mr. Randy Shackelford, Nuclear Safety and Licensing Manager, at (423) 743-2504. Please reference our unique document identification number (21G-17-0065) in any correspondence concerning this letter.

Sincerely,

NUCLEAR FUEL SERVICES, INC.

R. Shackelford/for
Richard J. Freudenberger, Director
Safety and Safeguards

RKR/lah-pj

Copy:

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 I
Division of Fuel Facility Inspection
U.S. Nuclear Regulatory Commission, Region II
245 Peachtree Center Avenue NE, Suite 1200
Atlanta, GA 30303-1257

Mr. Leonard Pitts
Senior Fuel Facility Inspector
U.S. Nuclear Regulatory Commission, Region II
245 Peachtree Center Avenue NE, Suite 1200
Atlanta, GA 30303-1257

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

Mr. Larry Harris
Senior Resident Inspector
U. S. Nuclear Regulatory Commission