



**Global Nuclear Fuel**

M220087

June 17, 2022

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D.C. 20555-0001

Subject: GNF-A Written Follow-up Report – Fire System Impairment

References: 1) NRC License SNM-1097, Docket 70-1113  
2) GNF-A Event Report 55853, 4/22/2022

Dear Sir or Madam:

In accordance with 10 CFR 70.74(b), Global Nuclear Fuel–Americas, LLC (GNF-A) hereby submits a written follow-up report for Event Notification 55853 that was provided to NRC on April 22, 2022 (Reference 2).

**Event 55853**

As discussed in the initial event report, GNF-A reported an unplanned fire system impairment to the New Hanover County (NHC) Deputy Fire Marshall. Consistent with 10 CFR 70, Appendix A(c), a concurrent report was provided to NRC and is included as Attachment 1 to this letter.

Additional information is provided as follows:

**Event Details and Safety Significance**

On April 21st, a roll up fire door located between a boiler room and the rad waste system malfunctioned in the open position. The door was approximately 3/4 closed. Compensatory measures were discussed with the New Hanover County Deputy Fire Marshall and then implemented.

**Immediate Corrective Actions Taken**

A fire retardant tarp was used to cover the opening between the bottom of the roll up door and the floor.

**Probable Cause of Event**

A mechanical misalignment of the door tracks caused the door to jam.

**Global Nuclear Fuel**

Phillip D. Ollis  
Facility Licensing

3901 Castle Hayne Road  
P.O. Box 780  
Wilmington, NC 28402  
USA

T (910) 616-4018  
Phillip.ollis@ge.com

**Short Term Corrective Actions**

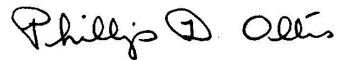
- 1) The vendor was contacted to repair the door. The door was restored to operability at approximately 10:45 EDT on April 22nd.

**Longer Term Corrective Action**

None – The cause of the mechanical misalignment was undetermined.

If you have any questions regarding this matter, please contact me at (910) 616-4018.

Sincerely,



Phillip D. Ollis  
Facility Licensing

Attachments: 1) Event 55853 Notification Description

cc: NRC Region II Administrator, Atlanta, GA  
J. Rivera, NRC RII Atlanta. GA  
L. Cooke, NRC RII Atlanta. GA  
J. Rowley, NRC NMSS, Washington, DC  
PDO 22-004

Attachment 1

Event 55853 Notification Description

At approximately 1454 EDT on April 21st, the New Hanover County Deputy Fire Marshall was notified that a roll up fire door located between a boiler room and the rad waste system malfunctioned in the open position. The door was approximately 3/4 closed. Compensatory measures were discussed with the Deputy Fire Marshall and then implemented. The door was repaired at approximately 10:45 EDT on April 22nd. Because the New Hanover County Deputy Fire Marshall was notified, a concurrent notification to the NRC Operations Center is being made per 10 CFR 70, Appendix A(c).

Phillip Ollis,  
Facility Licensing  
1335 4/22/2022