Global Nuclear Fuel

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April 12, 2019

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 53735, 11/12/2018

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 53735 that was provided to NRC on November 12, 2018 (Reference 2). As discussed in the initial event report, GNF-A reported a planned 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 an attachment to this letter.

Additional information is provided as follows:

Event Details and Safety Significance

Fire Riser 617 which serves a normally unoccupied oil storage warehouse near the Fuel Manufacturing Operation (FMO) building was scheduled to be taken out of service at approximately 0930 EST on November 13, 2018 for routine sprinkler head maintenance and to perform a required 5-year fire protection system inspection. These activities do not directly involve NRC licensed material and there was no degradation of an item relied on for safety (IROFS) or failure to meet performance requirements.

Immediate Corrective Actions Taken

The NHC Deputy Fire Marshall was notified at 0930 EST on November 12, 2018 per State code requirements. An hourly fire watch was implemented for surveillance of the affected areas. Because the NHC Deputy Fire Marshall was notified, a concurrent notification to the NRC Operations Center was made pursuant to 10 CFR 70, Appendix A(c).

Probable Cause of Event

The activities included routine maintenance and inspections and there was no event.

Short Term Corrective Action

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1) The system was restored to service at approximately 1300 EST on November 13, 2018. The NHC Deputy Fire Marshal was also notified via telephone of the return to service.

Longer Term Corrective Action

1) Additional actions are being evaluated as a part of the corrective action program.

If you have any questions regarding this matter, please contact me at (910) 819-5950.

Sincerely,

Scott Murray, Manager
Facility Licensing

Attachment: Event Notification Description

cc: NRC Region II Administrator, Atlanta, GA
T. Grice, NRC RII Atlanta. GA
T. Naquin, NRC NMSS, Washington, DC
SPM 19-012

Attachment 1

Event Notification Description

At 0930 (EST) on November 12th, 2018, the New Hanover County Deputy Fire Marshall was notified per State code requirements that the fire suppression system (Fire Riser 617) for the FMO oil storage warehouse will be taken offline to replace sprinkler heads and conduct the required 5-year inspection. This impairment will begin Tuesday, November 13th. This building is normally unoccupied. 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
1400 11/12/2018

UPDATE

Fire riser 617 and the suporting system was restored to service at approximately 1300 EST, 11/14/18. The NHC Deputy Fire Marshal was notified via telephone of the return to service.

Phillip Ollis
Facility Licensing
1547 11/14/2018