



Global Nuclear Fuel

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June 2, 2020

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

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

References: 1) NRC License SNM-1097, Docket 70-1113
2) GNF-A Event Report 54640, 4/4/2020

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 54640 which was provided to NRC on April 4, 2020 (Reference 2).

Event 54640

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 Attachment 1 to this letter.

Additional information is provided as follows:

Event Details and Safety Significance

At approximately 0930 (EDT) on April 4th, 2020, the New Hanover County Deputy Fire Marshall was notified per State code requirements that the fire alarm system and accompanying fire pumps encompassing the Fuel Manufacturing Operation (FMO) were placed on backup power due to a planned power outage. Additional compensatory measures were enacted. Power was restored at approximately 1800 (EDT) 4/4/2020. Because the New Hanover County Deputy Fire Marshall was notified, a concurrent notification to the NRC Operations Center was made per 10 CFR 70, Appendix A(c). 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 EDT on April 4, 2020 per State code requirements. 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

- 1) The system was restored to service at approximately 1800 EDT on April 4, 2020. The NHC Deputy Fire Marshal was also notified of the return to service.

Longer Term Corrective Action

None

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

Sincerely,


Scott Murray, Manager
Facility Licensing

Attachments: 1) Event 54640 Notification Description

cc: NRC Region II Administrator, Atlanta, GA
M. Ruffin, NRC RII Atlanta, GA
L. Pitts, NRC RII Atlanta, GA
M. Bartlett, NRC NMSS, Washington, DC
SPM 20-022

Attachment 1

Event 54640 Notification Description

At approximately 0930 (EDT) on April 4th, 2020, the New Hanover County Deputy Fire Marshall was notified per State code requirements that the fire alarm system and accompanying fire pumps encompassing the Fuel Manufacturing Operation (FMO) were placed on backup power due to a planned power outage. Additional compensatory measures were enacted. Power was restored at approximately 1800 today (4/4/2020). 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).

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