

EA-20-103
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TMI-21-026

June 15, 2021

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

Three Mile Island Nuclear Station, Unit 1
Renewed Facility License No. DPR-50
NRC Docket No. 50-289 and 72-077

Subject: Demonstration of Compliance with NRC Order EA-20-103, "Issuance of Order for Implementation of Additional Security Measures and Fingerprinting for Unescorted Access at the Three Mile Island Generating Station Independent Spent Fuel Storage Installation"

- References:
- (1) NRC Order EA-20-103, "Issuance of Order for Implementation of Additional Security Measures and Fingerprinting for Unescorted Access at the Three Mile Island Generating Station Independent Spent Fuel Storage Installation," dated August 27, 2020 (Accession No. ML20224A121)
 - (2) Response to NRC Order EA-20-103, "Issuance of Order for Implementation of Additional Security Measures and Fingerprinting for Unescorted Access at the Three Mile Island Generating Station Independent Spent Fuel Storage Installation," dated September 15, 2020 (Accession No. ML20259A196)
 - (3) Supplemental Response to NRC Order EA-20-103, "Issuance of Order for Implementation of Additional Security Measures and Fingerprinting for Unescorted Access at the Three Mile Island Generating Station Independent Spent Fuel Storage Installation," dated January 28, 2021 (Accession No. ML21036A023)
 - (4) Supplemental Response to NRC Order EA-20-103, "Issuance of Order for Implementation of Additional Security Measures and Fingerprinting for Unescorted Access at the Three Mile Island Generating Station Independent Spent Fuel Storage Installation," dated February 16, 2021 (Accession No. ML21070A192)

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Pursuant to the Additional Security Measures (ASM) Order EA-20-103 (ASM Order) for Three Mile Island Generating Station, Unit 1 (TMI-1) Independent Spent Fuel Storage Installation (ISFSI) (Reference 1), Exelon Generation Company, LLC (Exelon) provided the 20-day response required by Sections III.B and III.C of the Order in Reference 2. In Reference 3, Exelon provided a detailed response to Attachments 1 and 2 of the TMI-1 ASM Order, which included the revised TMI Security Plan, Training and Qualification Plan, Safeguards Contingency Plan (Security Plan), associated analysis, and supporting documentation. In Reference 4, Exelon provided the finalized TMI Integrated Response Plan ISFSI which replaced in its entirety the draft document in Reference 3.

As required by the ASM Order, Exelon must meet the following conditions prior to placing spent fuel in the ISFSI:

- Demonstrate the ability to comply with the required ASMs as outlined in these documents no later than 365 days from the date of this Order or 90 days before the first day that spent fuel is initially placed in the ISFSI, whichever occurs first.
- Implement the ASM requirements.
- Receive written verification from the NRC (specifically from the Office of Nuclear Material Safety and Safeguards) that Exelon has adequately demonstrated compliance with the ASM requirements.

The purpose of this letter is to notify the NRC that Exelon has completed the ISFSI ASMs and is ready to demonstrate the ability to comply with the required ASMs. This notification is being made no later than 90 days before the first day spent fuel that spent fuel is to be initially placed in the ISFSI, currently scheduled for on or after October 8, 2021.

Should you have any questions concerning this letter, please contact Mr. Daniel Kenny at (717) 948-8855.

Respectfully,



Trevor L. Orth
Site Decommissioning Director
Three Mile Island Nuclear Station, Unit 1

cc: Regional Administrator – NRC Region I
Project Manager, NMSS – Three Mile Island, Unit 1
Decommissioning, ISFSI and Reactor Health Physics Branch, NRC Region I
Director, Bureau of Radiation Protection - PA Department of Environmental
Resources