

TMI-21-002

January 19, 2021

Steve Acker, Division Chief
PA Department of Environmental Protection
Bureau of Radiation Protection - Nuclear Safety Division
400 Market Street
PO Box 8469
Harrisburg, PA 17101

Subject: Notification of Three Mile Island Implementation of Permanently Defueled
Emergency Plan

- References:
- 1) Letter from U.S. Nuclear Regulatory Commission to, Bryan C. Hanson (Exelon Generation Company, LLC) "Three Mile Island Nuclear Station, Units 1 and 2 – Exemptions from Certain Emergency Planning Requirements and Related Safety Evaluation (EPID L-2019-LLE-0016)," dated December 1, 2020 (ML20244A292 and ML20244A293)
 - 2) Letter from U.S. Nuclear Regulatory Commission to, Bryan C. Hanson (Exelon Generation Company, LLC) "Three Mile Island Nuclear Station, Units 1 and 2 – Issuance of Amendment No. 299 for Unit 1 RE: Permanently Defueled Emergency Plan and Emergency Action Level Scheme Changes (EPID L-2019-LLA-0144)," dated December 2, 2020 (ML20261H925)

On January 20, 2021 Three Mile Island (TMI) will be implementing the Permanently Defueled Emergency Plan (PDEP) and associated Emergency Action Levels (EAL). The PDEP changes were approved by the Nuclear Regulatory Commission (NRC) in the above referenced letters. The changes to the PDEP are consistent with the lower risk associated with the current decommissioning status of TMI.

The following are a few highlights for the changes to the Three Mile Island Emergency Plan based on implementation of the PDEP.

- Since the risk of a potential offsite radiological event has been greatly reduced, the Emergency Planning Zone (EPZ) has been reduced to the Site's Area Exclusionary Boundary and the Plume (10 mile) and Ingestion (50 mile) Emergency Planning Zones (EPZ) are no longer required.
- The Emergency Action Levels were revised to reflect that an Alert would be the highest classification level.
- Emergency Classifications will be made within 30 minutes of conditions meriting an EAL classification and the NRC, Pennsylvania Emergency Management Agency (PEMA), Dauphin and Lancaster Counties will continue to be notified.
- All emergency actions will be completed by the onsite staff and therefore the Emergency Operations Facility in Coatesville, PA will not be utilized.

- The Alert Notification System Sirens are no longer needed. In order to preclude an inadvertent actuation of a siren, all power will be removed from the sirens by early March. The sirens will soon be physically removed.
- Exelon will continue to perform annual reviews of Emergency Plan and EALs with the Commonwealth.

As always Exelon will continue to manage TMI in a safe manner. If you have any questions concerning this letter, please contact Bob Brady at (717) 948-8776.

Respectfully,

A handwritten signature in black ink, appearing to read "Trevor L. Orth", written over a horizontal line.

Trevor L. Orth
Site Decommissioning Director

cc: Dave Allard
Wade Dehaas