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

THREE MILE ISLAND NUCLEAR STATION, UNIT 2 (TMI-2)  
POSSESSION ONLY LICENSE NO. DPR-73  
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SUBJECT: BIENNIAL 10 CFR 50.59 AND PDMS SAR REPORT

Attached is the biennial report for Three Mile Island Nuclear Station, Unit 2 (TMI-2) for years 2014 and 2015. This report is being submitted in accordance with TMI-2 Technical Specification 6.8.1.4 and the requirements of 10 CFR 50.59.

Please contact Mike Fitzwater of TMI-1 Regulatory Assurance at (717) 948-8228 if you have any questions regarding this submittal.

Respectfully,

A handwritten signature in black ink, appearing to read 'Gregory H. Halnon', written in a cursive style.

Gregory H. Halnon  
President  
GPUN

Attachment

cc: USNRC TMI-2 Region I Inspector  
USNRC TMI-2 Project Manager  
USNRC Regional Administrator, Region 1

NM5501

## TMI-2 PDMS ACTIVITIES DURING 2014 AND 2015

TMI-2 remained in a safe and stable condition during calendar years 2014 and 2015. Activities included rad waste processing, routine surveillances, equipment repair, and structural repairs.

## PDMS SAFETY ANALYSIS REPORT CHANGES

The PDMS SAR was updated (Update 11) and submitted to the NRC in GPU Nuclear letter, TMI-15-091, dated August 24, 2015. PDMS Update 11 revised the PDMS SAR to reflect the current plant configuration, administrative processes, and editorial changes.

## PROCEDURE CHANGES

The typical categories of procedures that were changed in 2014 and 2015 were administrative, ventilation, electrical distribution, rad waste processing, fire protection, and Technical Specification surveillance. All procedure changes at TMI-2 are made using the Exelon 10 CFR 50.59 Review Process, which provides a screening process to determine if the change requires a written evaluation. During 2014 and 2015 there were no procedure changes which required a written evaluation.

## TESTS AND EXPERIMENTS

No tests or experiments not described in the PDMS SAR were performed at TMI-2 during 2014 and 2015.

## FACILITY MODIFICATION

During 2014 and 2015 there was one facility modification that impacted the PDMS SAR. This was the sale and transfer of the TMI-2 River Water Pump House (RWPH) to TMI-1 (Exelon). The TMI-2 RWPH did not contain any safety-related equipment pertaining to the Unit 2 PDMS condition and was being rented and used by TMI-1. The transfer of the TMI-2 RWPH to TMI-1 did not screen to require a 10 CFR 50.59 evaluation. Thus there were no 10 CFR 50.59 evaluations performed with regard to facility modifications. Due to the non-operating and defueled status of TMI-2 during PDMS, there are no structures, systems, or components that are required to meet the safety-related criteria. Therefore, there are no structures, systems, or components classified as safety-related at TMI-2 during PDMS. All facility modifications are made using the Exelon 10 CFR 50.59 Review Process, which provides a screening process to determine if the change requires a written evaluation. This review and screening process is based on, and incorporates in its entirety, the implementation guidance provided in NEI 96-07, Revision 1.