

NMP1L3101
September 29, 2016

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-001

Nine Mile Point Nuclear Station, Unit 1
Renewed Facility Operating License No. DPR-63
NRC Docket No. 50-220

Subject: Reactor Vessel Surveillance Capsule to Remain in Spent Fuel Pool

Reference: Letter from J. Barstow (Exelon) to NRC, "Reactor Vessel Surveillance Capsule," dated July 10, 2015

This letter is to inform the Nuclear Regulatory Commission (NRC) that the 30 degree reactor vessel surveillance capsule which was removed from the Nine Mile Point Nuclear Station, Unit 1 (NMP1) reactor vessel during the 2015 refueling outage will remain in the spent fuel pool (SFP) and will not be re-installed into the reactor vessel.

By the referenced letter dated July 10, 2015, the NRC was notified that the NMP1 30 degree reactor vessel surveillance capsule was found dislodged from the vessel pad and was removed from the reactor vessel. The referenced letter states: "The capsule will remain in the spent fuel pool at least until the next planned refueling outage in 2017. NMP1 will retain the capsule in the spent fuel pool and ensure the capsule is maintained in a condition to allow re-installation at the next refueling outage. This meets the requirements of the NMP1 Renewed Facility Operating License, Item 2.H, and the BWRVIP [Integrated Surveillance Program] ISP implementation plan."

The 30 degree capsule is identified in the NMP1 Updated Final Safety Analysis Report as Capsule A' and was one of the two remaining reactor vessel surveillance capsules in the reactor vessel. Both NMP1 capsules are not identified as ISP test capsules and are defined as "deferred" in the BWRVIP-86A, Rev. 1-A, Table 4-8, ISP Test Matrix Results. The ISP intention is that plants leave the capsules defined as "deferred" in the reactor design locations such that they continue to receive exposure to preserve ISP contingency planning.

NMP1 has consulted with the EPRI / BWRVIP ISP program manager and they concur that reinstallation of the NMP1 Capsule A' is not required to support the ISP in either the initial 40 year term or in the ISP 60 year license renewal term. The NMP1 Capsule A' is not the original NMP1 reactor vessel surveillance capsule and is not required to support the NMP1 specific reactor vessel embrittlement program. This capsule does not provide the industry with data required by NMP1 or any other BWR. Testing of the NMP1 Capsule A' is not required to

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support the ISP. NMP1 plans to maintain the capsule in the NMP1 SFP consistent with the NMP1 Renewed Facility Operating License, Item 2.H, and the BWRVIP program implementation protocol as noted in the referenced letter.

There are no regulatory commitments contained in this letter.

Should you have any questions, please contact Ron Reynolds at (610) 765-5247.

Sincerely,

A handwritten signature in black ink, appearing to read "David T. Gudger". The signature is written in a cursive style with a horizontal line underneath it.

David T. Gudger
Manager - Licensing & Regulatory Affairs
Exelon Generation Company, LLC

cc: USNRC Regional Administrator, Region I
USNRC Project Manager, NMP
USNRC Senior Resident Inspector, NMP