

10 CFR 50.55a

August 10, 2020

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

Calvert Cliffs Nuclear Power Plant, Unit 1
Renewed Facility Operating License No. DPR-53
NRC Docket No. 50-317

Subject: Request to Extend Due Date for Submittal of Reactor Vessel Material
Surveillance Program Capsule Technical Report

Reference: 1) Letter from J. Stanley (Constellation Energy Nuclear Group) to U.S. Nuclear
Regulatory Commission, "Transmittal of Unit 1 Reactor Vessel Surveillance
Capsule Report," dated March 29, 2011 (ML110910250)

2) SECY-20-0043, "Direct Final Rule: Reactor Vessel Material Surveillance
Program (RIN 3150-AK07; NRC-2017-0151)," dated May 8, 2020

In accordance with 10 CFR 50, Appendix H, "Reactor Vessel Material Surveillance Program Requirements," Section IV.A, Exelon Generation Company, LLC (Exelon) is requesting approval of an extension to the submittal of the Calvert Cliffs Nuclear Power Plant (CCNPP), Unit 1 reactor vessel material surveillance program capsule technical report.

Exelon withdrew the CCNPP, Unit 1 reactor vessel surveillance capsule, which was located at 83°, on February 26, 2020. In accordance with Section IV.A, the Capsule Technical Report is required to be submitted to NRC within one year of withdrawal from the reactor vessel. Due to manpower scheduling issues, fuel handling personnel had been supporting an extended refuel outage at another Exelon facility out of state resulting in delays in removing the capsule from the spent fuel pool. Additionally, removal of the capsule, which involves the use of out-of-state vendors to ship and perform the analysis of the vessel specimens, has been hampered by the current pandemic issues.

The delay in the submittal of this technical report does not pose a safety impact on plant operation. As of July 20, 2020, the Unit 1 reactor vessel has been exposed to 37 EFPY's which represents a margin of 11 EFPY to the analyzed limits at the 284⁰ location (Reference 1).

As also noted in the Reference 2 direct proposed rule to Appendix H:

"5) Reporting requirement—The direct final rule revises paragraph IV.A of Appendix H to 10 CFR Part 50 to allow licensees 18 months following the date of capsule withdrawal to submit a summary technical report of the capsule withdrawal and the test results to the NRC. Currently, licensees are required to submit this report to the NRC within 1 year of the withdrawal of a surveillance capsule. As detailed in the supporting

regulatory basis, this 1-year requirement has presented a challenge for some licensees and they have generally requested a 6-month extension. To date, the Director of the Office of Nuclear Reactor Regulation, has approved these requests.”

Therefore, Exelon is requesting approval for the extension of the technical report submission date from February 26, 2021 to August 26, 2021.

We request a response by January 15, 2021.

There are no regulatory commitments in this letter.

If you have any questions concerning this letter, please contact Tom Loomis at (610) 765-5510.

Respectfully,



David P. Helker
Senior Manager - Licensing & Regulatory Affairs
Exelon Generation Company, LLC

cc: Regional Administrator, Region I, USNRC
USNRC Senior Resident Inspector, CCNPP
Project Manager [CCNPP] USNRC
S. Seaman, State of Maryland