

October 31, 2016

Document Control Desk  
U. S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, MD 20852

Attention: Carleen Parker

Hope Creek Docket No. 50-534  
BWRVIP Project No. 704

Subject: BWRVIP-298NP: BWR Vessel and Internals Project, Testing and Evaluation  
of the Hope Creek 120° Capsule

- References:
1. PSEG letter LR-N16-0168, "10 CFR 50 Appendix H Status Update for Hope Creek Generating Station," October 31, 2016.
  2. T. Wengert to A. McGehee and T. Hanley, "Hope Creek Generating Station – Extension of Schedule for Reporting Surveillance Capsule Test Results Under the Integrated Surveillance Program (TAC NO. MF6759), (EPRI Letter 2015-050)," April 12, 2016.

Enclosed are five (5) paper copies of the report "BWRVIP-298NP: BWR Vessel and Internals Project, Testing and Evaluation of the Hope Creek 120° Capsule," EPRI Technical Report 3002007844, October 2016. This report is being transmitted to the NRC for information only.

This report describes testing and evaluation of the Hope Creek 120° capsule. These results will be used to monitor embrittlement as part of the BWRVIP Integrated Surveillance Program (ISP). The materials in the Hope Creek 120° capsule are identified in BWRVIP-86, Revision 1-A, as representative for target materials for the Hope Creek reactor vessel and no other plants in the BWRVIP ISP. Therefore, there is no potential for the Hope Creek 120° capsule evaluation results to effect any plant's approved Pressure-Temperature (P-T) curves other than those of Hope Creek. Note that consistent with the reporting requirements of 10 CFR 50 Appendix H, Paragraph IV.C, PSEG's plans to address the effect of the 120° capsule results on the Hope Creek P-T curves are being submitted to the NRC concurrent with this capsule report submittal. See Reference 1.

It should be noted that the BWRVIP previously requested an extension to the 10 CFR 50 Appendix H surveillance capsule testing reporting requirements and committed to providing the

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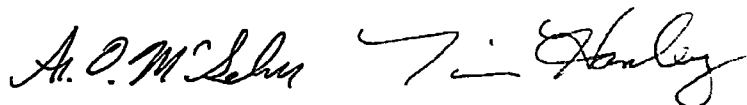
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results of the Hope Creek 120° capsule by October 31, 2016. That request was approved in Reference 2.

Please also note that the enclosed report is non-proprietary and is available to the public by request to EPRI.

If you have any questions on this subject please call Steve Richter (Energy Northwest, BWRVIP Assessment Focus Group Chairman) at 509-377-4703.

Sincerely,

Handwritten signatures of Andrew McGehee and Tim Hanley.

Andrew McGehee, EPRI, BWRVIP Program Manager  
Tim Hanley, Exelon, BWRVIP Chairman

- c: D. Rudland, NRC-NRR  
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