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LTR-NRC-20-11

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Subject: Request for Withdrawal from Review for WCAP-16747-P and WCAP-16747-NP Appendices C and D, Revision 0 and Revision 1, "POLCA-T: System Analysis Code with Three-Dimensional Core Model, Appendices C and D"

- References:**
1. STPNOC Letter U7-C-STP-NRC-100239, "Submittal of Appendices to POLCA-T for ABWR and BWR Cores," October 29, 2010 (ML103060251)
 2. Westinghouse Letter LTR-NRC-10-67, "Request for NRR to Support Concurrent Review of WCAP-16747, Appendices C and D, 'POLCA-T: System Analysis Code with Three-Dimensional Core Model, Appendices C and D,'" November 3, 2010 (ML103160269)
 3. Westinghouse Letter LTR-NRC-16-37, "Request for Change in Review Status of WCAP-16747, Appendices C and D, 'POLCA-T: System Analysis Code with Three-Dimensional Core Model,'" June 6, 2016 (ML16161A459)
 4. NINA Letter U7-C-NINA-NRC-160002, "Proposed Changes to Fuel Topical Review," March 29, 2016 (ML16095A205)
 5. Westinghouse Letter LTR-NRC-17-11, "Request for Change in Review Status for WCAP-16747, Appendices C and D, 'POLCA-T: System Analysis Code with Three-Dimensional Core Model,'" February 8, 2017 (ML17044A006)
 6. Westinghouse Letter LTR-NRC-18-4, "Request to Reactivate Review for WCAP-16747, Appendices C and D, 'POLCA-T: System Analysis Code with Three-Dimensional Core Model,'" January 24, 2018 (ML18025B020)

WCAP-16747-P and WCAP-16747-NP, Appendices C and D, "POLCA-T: System Analysis Code with Three-Dimensional Core Model," was submitted by South Texas Project Nuclear Operating Company (STPNOC), now Nuclear Innovation North America (NINA), via Reference 1 to the NRO branch of the NRC for review for applicability to the ABWR and South Texas Project Units 3 & 4 (Combined Licenses NPF-97 and NPF-98 have since been terminated). By Reference 2, Westinghouse requested a concurrent review by NRR of WCAP-16747, Appendices C and D, for application to current operating BWR reactors. By Reference 3, Westinghouse requested, with NINA's concurrence (Reference 4), that the NRO review continue with Westinghouse as the applicant.

By Reference 5, Westinghouse requested that both the NRR review and the NRO review be put on hold, which the NRC granted. Westinghouse subsequently requested that the NRR review be restarted by the NRC (Reference 6). By letter dated June 8, 2018, NRC issued a revised acceptance (ML18141A599).

At the present time, WCAP-16747, Appendices C and D, Revision 1, is currently under review by the NRR branch of the NRC; the NRO review remains on hold.

Due to ongoing refinements in our portfolio of analysis methodologies, Westinghouse is no longer pursuing generic NRC approval of the subject topical report. Therefore, Westinghouse is withdrawing WCAP-16747-P and WCAP-16747-NP, Appendices C and D, Revision 0 and Revision 1, from further NRC review, both the NRR and NRO branches, and requests that no further review activities be undertaken by the NRC.

Correspondence with respect to this letter should be addressed to Korey L. Hosack, Manager, Licensing, Analysis, & Testing, Westinghouse Electric Company, 1000 Westinghouse Drive, Building 1, Cranberry Township, Pennsylvania 16066.

A handwritten signature in black ink, appearing to be 'K. Hosack', written over a faint circular stamp or watermark.

Korey L. Hosack, Manager
Licensing, Analysis, & Testing

cc: Ekaterina Lenning (NRC)
Dennis Morey (NRC)