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November 29, 2023

**Subject:** Submittal of the Westinghouse **eVinci™** Microreactor Report for Joint NRC and CNSC Review (EVR-SAR-GL-007-P/NP)

I am pleased to submit on behalf of Westinghouse Electric Company LLC (Westinghouse) the following **eVinci™** microreactor report for joint U.S. Nuclear Regulatory Commission (NRC) and Canadian Nuclear Safety Commission (CNSC) review. Both proprietary and non-proprietary versions are enclosed as follows:

- EVR-SAR-GL-007-P, Revision 0, “Use of LMP Methodology for the eVinci™ Microreactor Design” (Enclosure 2) (PROPRIETARY)
- EVR-SAR-GL-007-NP, Revision 0, “Use of LMP Methodology for the eVinci™ Microreactor Design” (Enclosure 3)

As discussed in Westinghouse letter EVR\_LTR\_230011, which was submitted to NRC on January 23, 2023, Westinghouse is submitting this report for joint review to increase cooperation on the technical review of the eVinci microreactor, to support future regulatory decisions.

Westinghouse requests specific, written feedback from NRC and CNSC, as detailed in the report, and seeks this feedback by March 30, 2024.

This submittal contains proprietary information of Westinghouse. In conformance with the requirements of 10 CFR Section 2.390, as amended, of the Nuclear Regulatory Commission’s (Commission’s) regulations, we are enclosing with this submittal an Affidavit (Enclosure 1). The Affidavit sets forth the basis on which the information identified as proprietary may be withheld from public disclosure by the Commission.

Correspondence with respect to the proprietary aspects of this submittal or the Westinghouse Affidavit should reference AW-23-060 and should be addressed to Anthony J. Schoedel, Manager, Advanced Reactors Licensing, Westinghouse Electric Company, 1000 Westinghouse Drive, Building 1, Cranberry Township, PA 16066.

A handwritten signature in blue ink that reads 'Michael M. Corletti'.

Michael M. Corletti  
Sr. Director, Advanced Reactors Engineering & Licensing

cc: Mohamed Shams (NRC)  
Donna Williams (NRC)  
Lucieann Vechioli Feliciano (NRC)  
Michael Wentzel (NRC)  
Boyce Travis (NRC)

Enclosure:

1. Affidavit AW-23-060
2. EVR-SAR-GL-007-P, Revision 0, "Use of LMP Methodology for the eVinci™ Microreactor Design" (PROPRIETARY)
3. EVR-SAR-GL-007-NP, Revision 0, "Use of LMP Methodology for the eVinci™ Microreactor Design"