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June 28, 2023

Subject: Submittal of the Westinghouse Principal Design Criteria Topical Report for the **eVinci™** Microreactor (EVR-LIC-RL-001-P/NP)

I am pleased to submit on behalf of Westinghouse Electric Company LLC (Westinghouse) the following Topical Reports for the **eVinci™** microreactor. Both proprietary and non-proprietary versions are enclosed as follows:

- EVR-LIC-RL-001-P, Revision 0, “Principal Design Criteria Topical Report” (Enclosure 2) (PROPRIETARY)
- EVR-LIC-RL-001-NP, Revision 0, “Principal Design Criteria Topical Report” (Enclosure 3)

As discussed in the June 22, 2023 pre-submittal meeting between Westinghouse and NRC, Westinghouse requests NRC review and approval on the set of Principal Design Criteria (PDC) for the eVinci microreactor, including the list of and justification for the General Design Criteria (GDC) identified as not applicable to the eVinci microreactor.

Westinghouse requests a one-year review from NRC on these Topical Reports (Enclosures 2 and 3) and seeks approval by June 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-23-025 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 black ink that reads 'Anthony J. Schoedel'.

Anthony J. Schoedel
Manager, Advanced Reactors Licensing

cc: Mohamed Shams (NRC)
Donna Williams (NRC)
Mahmoud Jardaneh (NRC)
Michael Wentzel (NRC)
Boyce Travis (NRC)

Enclosure:

1. Affidavit AW-23-025
2. EVR-LIC-RL-001-P, Revision 0, "Principal Design Criteria Topical Report" (PROPRIETARY)
3. EVR-LIC-RL-001-NP, Revision 0, "Principal Design Criteria Topical Report"