



Westinghouse Electric Company  
1000 Westinghouse Drive  
Cranberry Township, Pennsylvania 16066  
USA

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

Direct tel: (724) 940-8117  
e-mail: chris2r@westinghouse.com

SMR\_LTR\_250029

January 30, 2025

Subject: Submittal of the Westinghouse **AP300™** SMR Safety Analysis Codes and Methodology White Paper  
White Paper for Pre-Application Engagement (Proprietary)

I am pleased on behalf of Westinghouse to submit the enclosed **AP300™** SMR Safety Analysis Codes and Methodology White Paper. This transmittal supports the white paper strategy laid out in the AP300 SMR Pre-Application Regulatory Engagement Plan Periodic Update – November 2024, which was submitted to the NRC via ML24332A033.

This submittal contains proprietary information of Westinghouse Electric Company LLC (“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. 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-25-004 and should be addressed to Rachel Christian, Manager, New Plants Licensing, Westinghouse Electric Company, 1000 Westinghouse Drive, Building 1, Cranberry Township, PA 16066.

*Rachel Christian*  
Rachel Christian, Manager  
New Plants Licensing

cc: Stacy Joseph  
River Rohrman  
Mahmoud Jardaneh  
Billy Gleaves  
Michelle Hayes  
Jordan Glisan

Enclosures:

- (1) Affidavit, AW-25-004
- (2) Transmittal of the Westinghouse **AP300™** SMR Safety Analysis Codes and Methodology White Paper for Pre-Application Regulatory Engagement (Proprietary)

**AP300** is a trademark or registered trademark of Westinghouse Electric Company LLC, its affiliates and/or its subsidiaries in the United States of America and may be registered in other countries throughout the world. All rights reserved. Unauthorized use is strictly prohibited. Other names may be trademarks of their respective owners.

Commonwealth of Pennsylvania:

County of Butler:

- (1) I, Rachel Christian, Manager, New Plants Licensing, have been specifically delegated and authorized to apply for withholding and execute this Affidavit on behalf of Westinghouse Electric Company LLC (Westinghouse).
- (2) I am requesting SMR\_LTR\_250029, Revision 0 Enclosure 2 be withheld from public disclosure under 10 CFR 2.390.
- (3) I have personal knowledge of the criteria and procedures utilized by Westinghouse in designating information as a trade secret, privileged, or as confidential commercial or financial information.
- (4) Pursuant to 10 CFR 2.390, the following is furnished for consideration by the Commission in determining whether the information sought to be withheld from public disclosure should be withheld.
  - (i) The information sought to be withheld from public disclosure is owned and has been held in confidence by Westinghouse and is not customarily disclosed to the public.
  - (ii) The information sought to be withheld is being transmitted to the Commission in confidence and, to Westinghouse's knowledge, is not available in public sources.
  - (iii) Westinghouse notes that a showing of substantial harm is no longer an applicable criterion for analyzing whether a document should be withheld from public disclosure. Nevertheless, public disclosure of this proprietary information is likely to cause substantial harm to the competitive position of Westinghouse because it would enhance the ability of competitors to provide similar technical evaluation justifications and licensing defense services for commercial power reactors without commensurate expenses. Also, public disclosure of the information would enable others to use the information to meet NRC requirements for licensing documentation without purchasing the right to use the information.

- (5) Westinghouse has policies in place to identify proprietary information. Under that system, information is held in confidence if it falls in one or more of several types, the release of which might result in the loss of an existing or potential competitive advantage, as follows:
- (a) The information reveals the distinguishing aspects of a process (or component, structure, tool, method, etc.) where prevention of its use by any of Westinghouse's competitors without license from Westinghouse constitutes a competitive economic advantage over other companies.
  - (b) It consists of supporting data, including test data, relative to a process (or component, structure, tool, method, etc.), the application of which data secures a competitive economic advantage (e.g., by optimization or improved marketability).
  - (c) Its use by a competitor would reduce his expenditure of resources or improve his competitive position in the design, manufacture, shipment, installation, assurance of quality, or licensing a similar product.
  - (d) It reveals cost or price information, production capacities, budget levels, or commercial strategies of Westinghouse, its customers or suppliers.
  - (e) It reveals aspects of past, present, or future Westinghouse or customer funded development plans and programs of potential commercial value to Westinghouse.
  - (f) It contains patentable ideas, for which patent protection may be desirable.
- (6) The attached submittal contains proprietary information throughout, for the reasons set forth in Sections (5) (a) and (c) of this Affidavit. Accordingly, a redacted version would be of no value to the public.

I declare that the averments of fact set forth in this Affidavit are true and correct to the best of my knowledge, information, and belief. I declare under penalty of perjury that the foregoing is true and correct.

Executed on: 1/27/2025



Signed electronically by  
Rachel Christian