



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

February 27, 2024

Rachel Christian, Manager  
New Plants Licensing  
Westinghouse Electric Company  
1000 Westinghouse Drive  
Cranberry Township, PA 16066

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION FEEDBACK REGARDING  
WESTINGHOUSE AP300 SMR LOCALIZED 1E POWER SYSTEM &  
SAFETY WHITE PAPER FOR PRE-APPLICATION ENGAGEMENT  
(EPID NO. L-2023-LRM-0102)

Dear Ms. Christian:

By letter dated January 29, 2024 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML24029A160), Westinghouse Electric Company submitted the subject white paper for U.S. Nuclear Regulatory Commission (NRC) staff review. The white paper describes the general design of the Westinghouse AP300 small modular reactor safety-related electrical power system. A pre-submittal meeting was held on December 12, 2023 (ML23354A047).

The proprietary enclosure to this letter provides the staff's feedback and observations for Westinghouse to consider in a subsequent application.

If you have questions about this matter, please contact Billy Gleaves at (301) 415-5848 or [Bill.Gleaves@nrc.gov](mailto:Bill.Gleaves@nrc.gov) or Jordan Glisan at (301) 415-3478 or [Jordan.Glisan@nrc.gov](mailto:Jordan.Glisan@nrc.gov).

Sincerely,

**/RA/**

William (Billy) Gleaves, Sr. Project Manager  
Licensing and Infrastructure Branch  
Division of Reactors and License Renewal  
Office of Nuclear Reactor Regulation

Project No.: 999902111

Enclosure:  
Feedback and Observations

The enclosure to this letter contains Proprietary information. When separated from the Enclosure, this document is DECONTROLLED.

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**DISTRIBUTION:**

Public (Letter only)  
M. Hayes  
W. Gleaves  
J. Glison  
SGreen  
RidsNrrDnrl Resource  
RChristian, WEC

**ADAMS Accession Nos.**

**Package: ML24031A119**

**Letter: ML24031A121 (public)**

**Enclosure: ML24031A122 (Non-public)**

**\*via email**

<b>OFFICE</b>	NRR/DNRL/NLIB/PM	NRR/DNRL/NLIB/LA	NRR/DNRL/NLIB/BC
<b>NAME</b>	WGleaves	SGreen	MHayes
<b>DATE</b>	2/23/24	02/26/24	02/27/24

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