



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

March 20, 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 CORE DESIGN & FUEL CYCLE WHITE PAPER
FOR PRE-APPLICATION ENGAGEMENT (EPID NO. L-2024-LRM-0010)

Dear Ms. Christian:

By letter dated February 27, 2024 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML24060A158), 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 fuel, fueling strategy, and related equipment. A pre-submittal meeting was held on February 2, 2024 (ML24036A213).

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 or Jordan Glisan at (301) 415-3478 or 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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 DATED: MARCH 20, 2024

DISTRIBUTION:

Public (Letter only)

M. Hayes

W. Gleaves

J. Glison

SGreen

RidsNrrDnrl Resource

RChristian, WEC

GovDelivery Topic for Bulletin: "Westinghouse AP300 Design Certification"

ADAMS Accession Nos.

Package: ML24064A070

Letter: ML24064A073 (public)

Enclosure: ML24064A075 (Non-public)

***via email**

OFFICE	NRR/DNRL/NLIB/PM	NRR/DNRL/NLIB/LA	NRR/DNRL/NLIB/BC
NAME	WGleaves*	SGreen*	MHayes* MSayoc for
DATE	3/4/2024	3/18/2024	3/20/2024

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