



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

March 6, 2024

MEMORANDUM TO: Michelle W. Hayes, Chief  
Licensing and Infrastructure Branch  
Division of New and Renewed Licenses  
Office of Nuclear Reactor Regulation

FROM: William (Billy) Gleaves, Senior Project Manager /RA/  
Licensing and Infrastructure Branch  
Division of New and Renewed Licenses  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF FEBRUARY 23, 2024, PREAPPLICATION  
MEETINGS WITH WESTINGHOUSE ELECTRIC COMPANY ON  
AP300 SMR WHITE PAPER NO. 4 ON FUEL HANDLING &  
STORAGE (EPID: L-2024-LRM-0017)

On February 23, 2024, at 1:00 p.m. Eastern Time (ET), the U.S. Nuclear Regulatory Commission (NRC) held a virtual public meeting with representatives of Westinghouse Electric Company (WEC). The purpose of the meeting was to hear WEC's preapplication description of the AP300 Small Modular Reactor (SMR) fuel handling and storage considerations that will be discussed in greater detail in a future WEC-planned white paper the same topic. The AP300 design is largely based on the AP1000 certified design with changes that reflect the smaller power output, lessons learned from the AP1000 construction, and a simplification of features. Although the AP300 is designed to mimic the AP1000 design as much as practical, the design makes changes to the fuel handling and storage process. The public presentation slides for this meeting may be found under Agencywide Documents and Access Management System (ADAMS) Accession No. ML24052A273). The meeting was divided into two sessions; a public session followed by a proprietary session. WEC staff presented at both the public and proprietary sessions and received staff feedback during the proprietary session.

Preapplication engagements, including this meeting, provide an opportunity for the NRC staff to engage in early discussions with a prospective applicant to offer licensing guidance and to identify potential licensing issues early in the licensing process. No decisions or commitments were made during the preapplication meeting.

A list of attendees at the public session is enclosed. There were approximately 74 participants remotely including NRC staff, WEC staff and contractors, and four members of the public who chose to identify themselves for inclusion in the attendance list.

CONTACT: William (Billy) Gleaves, NRR/DNRL  
301-415-5848

When the public attendees were solicited for questions of the NRC staff, no questions were proffered. The public meeting ended at 1:15 p.m. ET. The proprietary session started at 1:20 p.m. and closed at 2:54 p.m. ET.

Docket No. 999-02111

Enclosures:

1. List of Attendees
2. Summary of Proprietary Session

cc w/encls: GovDelivery.com list for Westinghouse AP300 Design Certification

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DATED: DATED: MARCH 6, 2024

**DISTRIBUTION:**

PUBLIC (Letter+ Enclosure 1)  
NON-PUBLIC (Enclosure 2)  
BSmith, NRR/DNRL  
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GovDelivery Topic "Westinghouse AP300 Design Certification"

**ADAMS Accession No. Pkg: ML24061A076**

**Letter + Enclosure 1: ML24061A080**

**Enclosure 2: ML24061A085**

**\*via email**

**NRR-106**

OFFICE	NRR/DNRL/NLIB: PM	NRR/DNRL/NLIB: LA	NRR/DNRL/NLIB: BC
NAME	BGleaves	SGreen	MHayes
DATE	03/01/2024	03/07/2024	03/06/2024

**OFFICIAL RECORD COPY**

**SUMMARY OF FEBRUARY 23, 2024, PRESUBMITTAL MEETING WITH  
WESTINGHOUSE ELECTRIC COMPANY ON AP300 SMR WHITE PAPER**

**FUEL HANDLING & STORAGE**

**LIST OF ATTENDEES**

Name	Organization
Billy Gleaves Jordan Glisan Michelle Hayes Sam Lee Chris Van Wert Brian Wittick Gordon Curran Ian Tseng Kent Wood Raul Hernandez Matt Yoder Naeem Iqbal Reena Boruk Rebecca Patton Thomas Scarbrough Weidong Wang Yiu Law Zhian Li Hiruy Hadgu Kerri Kavanagh Patrick Koch	NRC
Rachel Christian Nancy Closky Nathan Lang Arubabh Lath Jessica Levy Kevin May Bill Myette Bryan Friedman Robert Croft Christopher Goosen	Westinghouse and Contractors
Jana Bergman, Curtiss Wright Tim Polich Rani Franovich, Nuclear Rose Consulting Martin O'Neil, NEI	Members of the Public

<b>Name</b>	<b>Organization</b>
Norman Kunkel, Duke Angela Burkhart, Duke Chris Nolan, Duke Pete Okrasa	