

**OFFICIAL USE ONLY – PROPRIETARY INFORMATION**



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

March 25, 2022

Anthony J. Schoedel, Manager  
Advanced Reactors Licensing Engineering  
Westinghouse Electric Company  
1000 Westinghouse Drive  
Cranberry Township, PA 16066

**SUBJECT:** WESTINGHOUSE ELECTRIC COMPANY – NRC FEEDBACK REGARDING  
EVINCI WHITE PAPERS EVR-LIC-G0-001, REVISION 0; EVR-LIC-GL-003,  
REVISION 0; EVR-SAR-GL-001, REVISION 0; AND EVR-SAR-GL-002,  
REVISION 0 (EPID NOS. L-2021-LRO-0067, L-2021-LRO-0068,  
L-2021-LRO-0069, AND L-2021-LRO-0070)

Dear Mr. Schoedel:

By letter dated December 9, 2021 (Agencywide Documents Access and Management System Accession No. ML21344A063), Westinghouse Electric Company (Westinghouse), submitted for U.S. Nuclear Regulatory Commission (NRC) staff review four white papers: EVR-LIC-G0-001, Revision 0, "Facility Level Design Description"; EVR-LIC-GL-003, Revision 0, "Principal Design Criteria"; EVR-SAR-GL-001, Revision 0, "Safety and Accident Analysis Methodologies"; and EVR-SAR-GL-002, Revision 0, "Licensing Basis Event Identification, SSC Classification and Defense-in-Depth Adequacy". These four white papers describe proposed aspects of the eVinci micro-reactor for which Westinghouse desires to have pre-application discussions. The NRC staff was asked to perform a review of these papers and provide written feedback on each. The NRC staff completed its review of the four white papers and is generally aligned with their contents, finding no major deficiencies for this stage of the pre-application process. The enclosures of this letter provide the staff's detailed observations for Westinghouse to consider.

The Enclosures 1, 2, 3, and 4 to this letter contain Proprietary information. When separated from Enclosures 1, 2, 3, and 4, this document and Enclosure 5 are DECONTROLLED.

A. Schoedel

**OFFICIAL USE ONLY – PROPRIETARY INFORMATION**

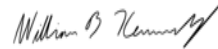
**OFFICIAL USE ONLY – PROPRIETARY INFORMATION**

A. Schoedel

2

If you have questions about this matter, please contact Donna Williams at (301) 415-1322 or Donna.Williams@nrc.gov

Sincerely,



Signed by Kennedy, William  
on 03/25/22

William B. Kennedy, Chief  
Advanced Reactor Licensing Branch  
Division of Advanced Reactors and  
Non-Power Production and Utilization  
Facilities  
Office of Nuclear Reactor Regulation

Project No.: 99902079

Enclosures:

1. NRC Feedback Regarding  
EVR-LIC-GO-001, Revision 0  
(proprietary)
2. NRC Feedback Regarding  
EVR-LIC-GL-003, Revision 0  
(proprietary)
3. NRC Feedback Regarding  
EVR-SAR-GL-001, Revision 0  
(proprietary)
4. NRC Feedback Regarding  
EVR-SAR-GL-002, Revision 0  
(proprietary)
5. NRC Feedback Regarding  
EVR-SAR-GL-002, Revision 0  
(non-proprietary)

**OFFICIAL USE ONLY – PROPRIETARY INFORMATION**

**OFFICIAL USE ONLY – PROPRIETARY INFORMATION**

A. Schoedel

3

SUBJECT: WESTINGHOUSE ELECTRIC COMPANY – NRC FEEDBACK  
REGARDING EVINCI WHITE PAPERS EVR-LIC-G0-001, REVISION 0;  
EVR-LIC-GL-003, REVISION 0; EVR-SAR-GL-001, REVISION 0; AND  
EVR-SAR-GL-002, REVISION 0 (EPID NOS. L-2021-LRO-0067,  
L- 2021-LRO-0068, L-2021-LRO-0069, AND L-2021-LRO-0070)

DATED: MARCH 25, 2022

**DISTRIBUTION:**

Public (Letter & Encl. 5 only)

MShams

DWilliams

MOrenak

WKennedy

MHayes

RidsNrrDanu Resource

**ADAMS Accession Nos. : Pkg: ML22059A483**

**Public - Letter: ML22059A460, Encl. 5: ML22084A223**

**Non-Public - Encl.1:ML22059A465, Encl. 2: ML22059A469**

**Encl. 3: ML22059A462, Encl. 4: ML22059A467**

<b>OFFICE</b>	NRR/DANU/UARL/PM	NRR/DANU/UARL/PM	NRR/DANU/LA
<b>NAME</b>	MOrenak	DWilliams	CSmith
<b>DATE</b>	03/01/2022	03/01/2022	03/16/2022
<b>OFFICE</b>	NRR/DANU/UART/BC	NRR/DANU/UARL/BC	
<b>NAME</b>	MHayes	WKennedy	
<b>DATE</b>	03/16/2022	03/25/2022	

**OFFICIAL RECORD COPY**