

**~~OFFICIAL USE ONLY – PROPRIETARY INFORMATION~~**

August 3, 2016

Mr. James A. Gresham, Manager  
Regulatory Compliance and Plant Licensing  
Westinghouse Electric Company  
1000 Westinghouse Drive  
Cranberry Township, PA 16066

SUBJECT: SATISFACTION OF CONDITIONS 6 AND 7 OF THE U.S. NUCLEAR  
REGULATORY COMMISSION SAFETY EVALUATION FOR WESTINGHOUSE  
ELECTRIC COMPANY ADDENDUM 1 TO WCAP-12610-P-A &  
CENPD-404-P-A, "OPTIMIZED ZIRLO™," TOPICAL REPORT

Dear Mr. Gresham:

By letter dated June 10, 2005, U.S. Nuclear Regulatory Commission (NRC) issued a final safety evaluation (SE) for Addendum 1 to Westinghouse Electric Company (Westinghouse) Topical Report (TR) WCAP-12610-P-A & CENPD-404-P-A, "Optimized ZIRLO™" (Agencywide Documents Access and Management System (ADAMS) Accession No. ML051670403). By letter dated July 10, 2016, Westinghouse submitted an approved version of WCAP-12610-P-A & CENPD-404-P-A, Addendum 1-A (Proprietary)/WCAP-14342-A & CENPD-404-NP-A, Addendum 1-A (Non-Proprietary), "Optimized ZIRLO™," TR (ADAMS Accession No. ML062080563). The NRC SE contained 10 Conditions and Limitations. Westinghouse provided additional information from irradiation programs to comply with Conditions 6 and 7 of the SE in a letter LTR-NRC-13-6 dated February 25, 2013 (ADAMS Accession No. ML13070A188), and in the letter LTR-15-7, "Submittal of Responses to Draft RAIs and Revisions to Select Figures in LTR-NRC-13-6 to Fulfill Conditions 6 and 7 of the Safety Evaluation for WCAP-12610-P-A & CENPD-404-P-A Addendum 1-A (Proprietary/ Non-Proprietary)," dated February 9, 2015 (ADAMS Accession No. ML15051A427).

The NRC staff has performed the review, documented our evaluation in the enclosure, and determined that data provided in Westinghouse LTR-NRC-13-6 and LTR-15-7 satisfy Conditions 6 and 7. Therefore, licensees no longer need to provide additional data when referencing WCAP-12610-P-A & CENPD-404-P-A, Addendum 1-A, "Optimized ZIRLO™," July 2006, in future license amendment requests.

NOTICE: Enclosure transmitted herewith contains proprietary information. When separated from Enclosure, this document is decontrolled.

**~~OFFICIAL USE ONLY – PROPRIETARY INFORMATION~~**

- 2 -

If you have any questions, please contact Ekaterina Lenning at 301-415-3151.

Sincerely,

*/RA/*

Kevin Hsueh, Chief  
Licensing Processes Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Project No. 700

Enclosure:  
Evaluation of Compliance Letters  
(Proprietary version)

If you have any questions, please contact Ekaterina Lenning at 301-415-3151.

Sincerely,

*/RA/*

Kevin Hsueh, Chief  
Licensing Processes Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Project No. 700

Enclosure:  
Evaluation of Compliance Letters  
(Proprietary version)

DISTRIBUTION:

PLPB RF	JDean
RidsNrrLADHarrison	RidsNrrDpr
RidsOgcMailCenter	RidsNroOd
RidsACRS_MailCTR	RidsResOd
RidsNrrDss	KHsueh
PClifford	

**ADAMS Accession Nos.:** Pkg.: ML16173A284: Letter (public) ML16173A354;  
Enclosure (non-public) ML16173A358 \*concurrent via e-mail

**NRR-106**

<b>OFFICE</b>	NRR/PLPB/PM	NRR/PLPB/LA*	NRR/SNPB/BC*	NRR/PLPB/BC*
<b>NAME</b>	ELenning	DHarrison	JDean	KHsueh
<b>DATE</b>	8/4/16	7/12/16	7/27/16	8/3/16

**OFFICIAL RECORD COPY**