

January 20, 2012

MEMORANDUM TO: Mark Tonacci, Chief
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

FROM: Ravindra Joshi, Senior Project Manager */RA/*
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF A CLOSED MEETING HELD WITH WESTINGHOUSE
ELECTRIC COMPANY REGARDING THE AP1000 CORE
REFERENCE REPORT, HELD IN ROCKVILLE, MARYLAND ON
DECEMBER 15, 2011

The U.S. Nuclear Regulatory Commission (NRC) held a closed meeting on December 15, 2011, at NRC's Rockville Office located in Rockville, Maryland. The NRC's Office of New Reactors (NRO) staff met with Westinghouse Electric Company (Westinghouse), and other Westinghouse stakeholders, to discuss Westinghouse's plan for submitting the AP1000 Core Reference Report (CRR) to the NRC. Specifically, the participants discussed Westinghouse's approach to the standardized CRR including Westinghouse's plans for the AP1000 initial core load and the final fuel and core design.

Enclosed are the meeting Agenda (Enclosure 1), the meeting attendees (Enclosure 2), the non-proprietary technical presentation slides (Enclosure 3), and the proprietary technical presentation slides (Enclosure 4). Enclosure 3 can be found in the Agencywide Documents Access and Management System (ADAMS) (ML11356A145). Enclosure 4 contains proprietary information of Westinghouse Electric Company and as such is withheld from public disclosure.

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Discussion

The purpose of this meeting was to discuss the AP1000 Core Reference Report (CRR). The CRR is a stand-alone document that will describe the AP1000 advanced first core. Westinghouse has communicated and received positive feedback on this approach previously with the NRC during meetings, the Fuel Performance update conference and other forums. Specifically, Westinghouse discussed with the NRC the history of the CRR and the proposed plan for the CRR development and submittal. Westinghouse also discussed the contents of the CRR and gave a technical overview of the report.

Subsequently, Kristopher Cummings and other Westinghouse staff (Westinghouse) presented proprietary slides detailing:

- Core and Fuel Related Updates
- Safety Analysis Update
- Technical Specification Updates
- Conforming Chapter Changes
- Proposed Licensing Schedule
- Role of Core Reference Report in New Plant Licensing Process

The NRC staff raised a number of questions throughout the presentation on the CRR. Westinghouse stated that it is planning to submit this topical report for NRC review and approval by the end of January 2012.

Project No. 0793

Enclosures:

- 1) Meeting Agenda
- 2) Meeting Attendees List
- 3) LTR-NRC-11-70 NP-slides from the December 15, 2011 AP1000 Core reference Report Submittal meeting with NRC (non-Proprietary) ML11356A145
- 4) LTR-NRC-11-70 P-slides from the December 15, 2011 AP1000 Core reference Report Submittal meeting with NRC (Proprietary) ML11356A146

cc w/enclosures: See next page

Discussion

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AGENDA FOR THE CLOSED MEETING

UNITED STATES NUCLEAR REGULATORY COMMISSION

Meeting with Westinghouse Electric Company

December 15, 2011

9:00 a.m. – 12:00 p.m.

PURPOSE: To discuss Westinghouse Electric Company's (WEC) plan for the submittal of the Core Reference Report (Topical Report) for NRC review

Time	Topic	Lead
9:00 a.m. - 9:10 a.m.	Welcome/Introductions	NRC/WEC
9:10 a.m. - 9:30 a.m.	Purpose of Meeting	WEC
9:30 a.m. - 11:00 a.m.	Core Reference Report Contents and Technical Overview	WEC
11:00 a.m. - 11:30 a.m.	Schedule and Implementation	WEC
11:30 a.m. - 12:00 p.m.	Summary – Discussion	WEC/NRC

NRC/Westinghouse Electric Company meeting

CLOSED MEETING

To Discuss Westinghouse Electric Company's Plan for the submittal of the

Core Reference Report (Topical Report) for NRC Review

December 15, 2011

List of Attendees

Name	Organization
R. Joshi	NRC/NRO/DNRL
C. Rosselle	NRC/NRO/PSB
Y. Gene Hsii	NRC/NRO/SRSB
C. Van Wert	NRC/NRO/SRSB
J. McKirgan	NRC/NRO/SCVB
D. McGovern	NRC/NRO/DNRL
J. Jenkins	NRC/NRO/DE
J. Donoghue	NRC/NRO/SRSB
W. Sparkman	Southern Nuclear Operating Company (SNC)
C. Comfort	SNC
J. Thornton	Duke Energy
J. Peterson	Westinghouse Electric Company (W)
S. Ray	W
K. Drudy	W
K. Cummings	W
M. Riggs	W
T. Kindred	W
R. Knott	W

DC Westinghouse - AP1000 Mailing List

(Revised 01/03/2012)

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