

July 25, 2001

MEMORANDUM TO: Stuart A. Richards, Director  
Project Directorate IV  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

FROM: Michael L. Scott, Project Manager, Section 2  
Project Directorate IV */RA/*  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF JULY 11, 2001, MEETING WITH WESTINGHOUSE OWNERS GROUP ON RISK-INFORMED REACTOR TRIP SYSTEMS (RTS) AND ENGINEERED SAFETY FEATURES ACTUATION SYSTEMS (ESFAS) SURVEILLANCE TEST INTERVALS AND REACTOR TRIP BREAKER TEST AND COMPLETION TIMES

On July 11, 2001, the NRC staff met with representatives of the Westinghouse Owners Group (WOG) to discuss the staff's request for additional information (RAI) on Topical Report (TR) WCAP-15376, "Risk-Informed Assessment of the RTS and ESFAS Surveillance Test Intervals and Reactor Trip Breaker Test and Completion Times."

The meeting did not involve discussion of proprietary information. The staff began the meeting with brief opening remarks regarding the purpose of the meeting. The WOG representatives reminded the staff that the methodology in the TR is based on a previously approved methodology. The staff responded that this was understood but that concerns on whether the methodology in the topical report is "sequential" (that is, how close the model for the new submittal is to the previously approved models) need to be addressed.

The remainder of the meeting addressed the staff's draft RAI, which had been provided to the WOG in advance of the meeting. As a result of this meeting, the staff agreed that sufficient information was available in the TR to allow the staff to delete questions 3, 6, 9, 14, 18, 22, 23, and 31. Also, the staff agreed that the following questions were of similar content and would be combined in the formal RAI:

- Questions 1 and 4
- Questions 5, 17, and 30
- Questions 7 and 8
- Questions 10 and 12

Other agreements made at the meeting included:

- The WOG will send two additional copies of drawings attached to its recent letter to the staff.

- Regarding question 10, the staff and the WOG agreed to examine the Vogtle probabilistic risk analysis to determine if assumptions regarding signals are consistent with the TR.
- Regarding question 11, the staff agreed to consider what criterion would be appropriate to use when incorporating uncertainty into failure probabilities. The staff further agreed to let the WOG know by phone the results of this consideration prior to the staff sending out the RAI.

At the conclusion of the meeting, there was general agreement that the RAI items had been fully discussed, such that the WOG participants fully understood all the RAI items. The staff stated they better understood some of the statements in the TR that were subjects of RAI items. The staff added that they planned to make some revisions to the RAI based on what they had learned at the meeting, and that the formal RAI would be sent to the WOG by letter.

A list of those attending the meeting is provided in the attachment. No slides or other presentation materials were used at this meeting. The draft RAI questions discussed during the meeting are available under ADAMS accession number ML011990455.

Project No. 694

Attachment: Meeting Attendees

cc w/attachment: See next page

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Westinghouse Owners Group

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**MEETING WITH WESTINGHOUSE OWNERS GROUP  
ON RISK-INFORMED ASSESSMENT OF THE RTS  
AND ESFAS SURVEILLANCE TEST INTERVALS  
AND REACTOR TRIP BREAKER TEST AND COMPLETION TIMES**

**JULY 11, 2001**

**ATTENDANCE LIST**

**WESTINGHOUSE OWNERS GROUP**

J. Andrachek  
G. Eckholt

**WESTINGHOUSE**

J. Andre  
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H. DeBiase

**NRC**

S. Dembek  
S. Bloom  
M. Scott  
C. Doust  
S. Rhow  
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