

July 15, 2004

MEMORANDUM TO: Stephen Dembek, Chief, Section 2
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

FROM: Girija Shukla, Project Manager, Section 2 */RA/*
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF MEETING HELD ON JUNE 24, 2004, WITH THE WESTINGHOUSE OWNERS GROUP (WOG) TO DISCUSS THE NRC STAFF'S REVIEW OF TOPICAL REPORTS WCAP-16168-NP, "RISK INFORMED EXTENSION OF REACTOR VESSEL INSERVICE INSPECTION INTERVALS" (TAC NO. MC2088) AND WCAP-15957-NP, "RISK-INFORMED EVALUATION OF EXTENSIONS TO FLUID SAFETY SYSTEM COMPLETION TIMES" (TAC NO. MC2764)

On June 24, 2004, representatives of the WOG met with the staff to discuss the staff's review of Topical Reports (TRs) WCAP-16168-NP, "Risk Informed Extension of Reactor Vessel Inservice Inspection Intervals" and WCAP-15957-NP, "Risk-Informed Evaluation of Extensions to Fluid Safety System Completion Times."

- WCAP-16168-NP

The staff began with an overview of their acceptance review of WCAP-16168-NP. The staff explained that this TR involves two significant issues which must be addressed by the WOG before the staff can initiate its review. These issues are:

1. The TR is substantially dependent upon the draft results of the NRC's effort to develop a technical basis for revising 10 CFR 50.61, "Fracture toughness requirements for protection against pressurized thermal shock events." Probabilistic risk assessment (PRA), thermal-hydraulic, and probabilistic fracture mechanics elements of this NRC work have not been completed or adequately reviewed by the staff. Therefore, it would not be appropriate for the staff to start the review of the TR based on unfinished NRC work.
2. Prior to accepting the TR for review, the WOG should provide an implementation plan that demonstrates how the pressurized water reactor (PWR) fleet would intend to apply this interval extension to ensure that at least a small number of PWR vessels (e.g., 2 to 4) are inspected each year.

The staff suggested that the WOG wait for the NRC work to be issued in final form, review the NRC work and, if necessary, revise the TR, and then resubmit it for staff review.

The WOG indicated that it will consider withdrawing WCAP-16168-NP and requested that the staff consider granting a one-cycle relief to some PWR facilities that would be impacted by the delay in the staff's review of the TR. The staff stated that they will look into the possibility of granting a one-cycle relief to the impacted plants and will discuss this with the WOG at a later date.

- WCAP-15957-NP

The staff provided an overview of their acceptance review of WCAP-15957-NP. The staff explained that this TR is incomplete and, therefore, it does not meet the NRC criteria for acceptance of TRs for technical review. As discussed in Regulatory Guides 1.174 and 1.177, the TR does not consider (1) all plant operating modes and initiating events, such as external events (e.g., fire), and (2) the combined effect of changing multiple completion times. It would also warrant a high quality PRA for extending completion times for multiple systems. The staff also discussed that the TR has not been coordinated with the established industry/Nuclear Energy Institute (NEI)/NRC efforts on the risk management technical specification (RMTS) initiatives. Review of this TR would require significant NRC/industry PRA resources, and the best way to use these resources should be decided through the industry efforts coordinated by NEI.

The staff suggested that the WOG revise WCAP-15957-NP to address the above mentioned deficiencies, and then resubmit it for staff review through NEI as part of the industry RMTS initiatives.

The staff expressed its appreciation to the WOG for their presentation. An attendance list is provided in the attachment. There were no members of the public represented at the meeting. The presentation slides used during the meeting are available in ADAMS under Accession Nos. ML041800174 (NRC slides) and ML041800181 (WOG slides).

Project No. 694

Attachment: Meeting Attendees

cc w/att: See next page

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NAME	GShukla:mp	EPeyton	SDembek
DATE	7/15/04	7/14/04	7/15/04

MEETING ATTENDEES

MEETING WITH WESTINGHOUSE OWNERS GROUP

JUNE 24, 2004

WESTINGHOUSE OWNERS GROUP

T. Schiffley
T. Lupold
D. Bajumpaa
S. Rosinski
G. Gerzen
D. Weakland
D. Buschbaum
B. Bishop
C. Boggess
G. Bischoff
J. Andre
J. Andrachek
N. Palm
S. DiTommaso
G. Tesfaye

NRC

B. Sheron
H. Berkow
G. Shukla
M. Johnson
M. Tschiltz
T. Boyce
M. Mitchell
M. Stutzke
S. Dinsmore
R. Tjader

Westinghouse Owners Group

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cc:

Mr. James A. Gresham, Manager
Regulatory Compliance and Plant Licensing
Westinghouse Electric Company
P.O. Box 355
Pittsburgh, PA 15230-0355

Mr. Gordon Bischoff, Manager
Owners Group Program Management Office
Westinghouse Electric Company
P.O. Box 355
Pittsburgh, PA 15230-0355