

July 28, 2004

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

FROM: William A. Macon, Project Manager, Section 2 **/RA/**
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF JULY 1, 2004, MEETING REGARDING PROPOSED
GENERIC CORRESPONDENCE RELATED TO THE USE OF
ULTRASONIC FLOW METERS FOR FEEDWATER FLOW
MEASUREMENT (TAC NO. MC2590)

On July 1, 2004, a public meeting was held between the NRC staff and representatives of Westinghouse, the Westinghouse Owners Group (WOG), AMAG, and Caldon at NRC Headquarters. The purpose of the meeting was to discuss the staff's planned generic correspondence regarding the use of ultrasonic flow meters (UFMs) and obtain comments from the public. A list of attendees is provided in the attachment.

The staff's presentation material is available in ADAMS under Accession No. ML041890179.

In response to the public comments, the staff agreed to the following action items:

- Update the clamp-on type LEFM instrument figure on slide 6 with a new figure to be provided by Caldon.
- Verify the source of data on slide 9 for the 1%-3% overpower estimate at Palo Verde.
- Clarify the wording of UFM inaccuracies on slide 9 to reflect generic feedwater flow measurement uncertainty rather than specific instrument inaccuracy or instrument misuse.
- Revise slide 11 to reflect earlier submittal of CENPD-379-P-A, Rev. 0, prior to the Rev. 1 submittal.
- Revise the wording of requested actions in the February 12, 2002, Caldon letter and the September 12, 2002, Westinghouse/AMAG letter to reflect actual requested actions, rather than the staff's interpretations.
- Add dates to slide 14 to reflect when the NRC Independent Task Group was formed and when solicited information was required by.

S. Dembek

- 2 -

- Carefully consider proposed actions on slide 15 to ensure they are practical, defensible, and understandable, and that proposed actions will achieve desired results.

Please direct any inquiries to George Dick (301-415-3019), Evangelos Marinos (301-415-2911), or me (301-415-3965).

Project Nos. 694, 700, and 1311

Attachment: List of Attendees

cc w/att: See next page

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- 2 -

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Please direct any inquiries to George Dick (301-415-3019), Evangelos Marinos (301-415-2911), or me (301-415-3965).

Project Nos. 694, 700, and 1311

Attachment: List of Attendees

cc w/att: See next page

DISTRIBUTION:

PUBLIC	GShukla	GCwalina
PDIV-2 R/F	WRuland	JCalvo
PDIII-2 R/F	HBerkow	ALee
RidsNrrDlpm (TMarsh/JLyons)	AMendiola	PLoeser
GDick	EPeyton	WLyon
WMacon	JBeall	AMarinos
RidsOgcRp	IAhmed	PRebstock
RidsAcrsAcnwMailCenter	CGrimes	JWermiel
TMensah		

ADAMS Accession Number: ML042020159

NRC-001

OFFICE	PM:PDIII-2	LA:PDIV-2	DD:DE	SC:EEIB	BC:EEIB	PM:PDIV-2	SC:PDIV-2
NAME	GDick	PMCoates for EPeyton	CGrimes	EMarinos	JCalvo	WMacon	SDembek
DATE	07/27/04	7/27/04	7/27/04	7/27/04	7/27/04	7/27/04	7/28/04

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**MEETING WITH THE WESTINGHOUSE OWNERS GROUP,
WESTINGHOUSE ELECTRIC CO., LLC, AND CALDON, INC.**

ATTENDANCE LIST

JULY 1, 2004

WESTINGHOUSE OWNERS GROUP

D. Dvorik (Constellation)
B. Stathis (Constellation)
R. Thomas (Dominion)
H. Fontecilla (Dominion)
J. Gasper (Omaha Public Power District)
T. Matthews (Omaha Public Power District)
T. Shiffley (Exelon)
B. Kouba (Exelon)
T. Long (Southern Nuclear)
J. Porter (PSEG Nuclear)

WESTINGHOUSE

C. Brinkman
B. Turkowski

AMAG

V. Askari
F. Bursic
H. Clauzel
A. Lopez

CALDON, INC.

H. Estrada
E. Hauser

OTHER

E. Tadrmina (CEG)
P. Negus (General Electric)
M. Knapik (McGraw-Hill)
N. Chapman (SERCH/Bechtel)
H. Thompson (Talisman International)
P. Campbell (Winston & Strawn)

NRC

I. Ahmed
J. Beall
J. Calvo
G. Cwalina
S. Dembek
C. Grimes
A. Lee
P. Loeser
W. Lyon
W. Macon
A. Marinos
P. Rebstock
J. Wermiel

Westinghouse Electric Company
Westinghouse Owners Group
Caldon, Inc.

Project No. 700
Project No. 694
Project No. 1311

cc:

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

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

Mr. Ernest M. Hauser, President
Caldon Nuclear
1070 Banksville Avenue
Pittsburgh, PA 15218