

September 2, 2004

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

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

SUBJECT: SUMMARY OF MEETING HELD ON AUGUST 18, 2004, WITH THE
BOILING WATER REACTORS OWNERS GROUP (BWROG) TO
DISCUSS EXTENDED POWER UPRATES (EPUs) (TAC NO. MC0931)

On August 18, 2004, the BWROG met with the NRC staff to provide updates on industry's efforts related to BWR EPUs. The BWROG and NRC last met on this topic on March 4, 2004, during the senior management meeting between the BWROG and the Office of Nuclear Reactor Regulation.

The meeting began with a slide presentation from the BWROG, which provided a summary of the background on the topic, in particular, the staff's concern for the safe and reliable operation of BWRs at EPU conditions. The BWROG EPU Committee briefed the staff on its objectives, current efforts to assess trends and analyses with steam dryers, and results of the EPU survey that was conducted among 13 BWR plants currently operating at EPU conditions. A copy of the slide presentation is available in ADAMS (Accession No. ML042360440).

During the presentation, the staff expressed the following concerns in its questions to the BWROG:

- Significant uncertainties in GE Nuclear Energy's static and dynamic analytical evaluations of steam dryers to reasonably simulate EPU conditions.
- The BWROG's plans to issue EPU guidance that is more proactive than current effort.
- Impact of current efforts regarding EPU, steam dryers, and flow-induced vibration on amendment requests and license renewals.
- The BWROG could not verify that pipe wall-thinning rates have not increased unexpectedly under EPU conditions.
- Additional means to monitor flow-induced vibration within boiling water reactor vessels.

S. Dembek

- 2 -

At the meeting's conclusion, the NRC staff thanked the BWROG for its participation. The next meeting on this topic, scheduled for August 31, 2004, will be between senior management from the NRC and the BWROG. An attendance list is provided in the attachment.

Project No. 691

Attachment: Meeting Attendees

cc w/att: See next page

At the meeting's conclusion, the NRC staff thanked the BWROG for its participation. The next meeting on this topic, scheduled for August 31, 2004, will be between senior management from the NRC and the BWROG. An attendance list is provided in the attachment.

Project No. 691

Attachment: Meeting Attendees

cc w/att: See next page

DISTRIBUTION:

PUBLIC

PDIV-2 Reading

RidsNrrDlpm (TMarsh/JLyons)

RidsNrrDlpmLpdiv (HBerkow)

RidsNrrPMBPham

RidsNrrLAEPeyton

Rids/Nrr/De/EMEB (Elmbro)

DTerao

JWalker

TScarborough

RCaruso

AHowe

DSkay

BElliott

LRossbach

GThomas

CWu

KManoly

RidsAcrsAcnwMail Center

RidsOgcRp

TMensah

MEETING NOTICE ACCESSION NO.: ML041760299

SLIDES ACCESSION NO.: ML042360440

PKG NO. : ML042460667

ADAMS Accession No.: ML042460645

NRC-001

OFFICE	PDIV-2/PM	PDIV-2/LA	PDIV-2/SC
NAME	BPham:mp	EPeyton	SDembek
DATE	8/27/04	8/27/04	9/2/04

DOCUMENT NAME: C:\ORPCheckout\FileNET\ML042460645.wpd

OFFICIAL RECORD COPY

ATTENDEES

MEETING WITH THE BOILING WATER REACTORS OWNERS GROUP (BWROG)

AUGUST 18, 2004

BWROG

J. Tuttle
J. Conen
S. Eldridge
R. Cutsinge
B. Hobbs
T. Green
G. Ohlemacher
P. Simpson
G. Paptzun
D. McHugh
M. Grantham
A. Roderick
R. Pistolas
K. Putnam
E. Hartwig
J. Oddo
J. Hosler
G. Stramback
C. Nichols

NRC

B. Pham
H. Berkow
D. Terao
T. Scarbrough
R. Caruso
J. Walker
A. Howe
D. Skay
B. Elliott
L. Rossbach
G. Thomas
C. Wu
K. Manoly

OTHER

A. Wyche
D. Raleigh
M. Knapik
D. Lochbaum
J. Humphries

cc:

Mr. Joseph E. Conen
Vice Chairman, BWR Owners Group
DTE Energy – Fermi 2
200 TAC
6400 N. Dixie Highway
Newport, MI 48166

Mr. J. A. Gray, Jr.
Regulatory Response Group Chairman
BWR Owners Group
Entergy Nuclear Northeast
440 Hamilton Avenue Mail Stop 12C
White Plains, NY 10601-5029

Mr. H. Lewis Sumner
Executive Chairman, BWROG
Southern Nuclear Company
40 Inverness Center Parkway
P.O. Box 1295
Birmingham, AL 35242

Mr. William Holston
Manager, Engineering Services
Nine Mile Point - Station
OPS Building/2nd Floor
P.O. Box 63
Lycoming, NY 13093

Mr. Thomas G. Hurst
GE Nuclear Energy
M/C 782
3901 Castle Hayne Road
Wilmington, NC 28402

Mr. Thomas A. Green
GE Nuclear Energy
M/C 782
175 Curtner Avenue
San Jose, CA 95125

Mr. James Meister
Executive Vice Chairman, BWROG
Exelon
Cornerstone II at Cantera
4300 Winfield Road
Warrenville, IL 60555

Mr. William A. Eaton
ENTERGY
P.O. Box 31995
Jackson, MS 39286

Mr. Aloysius Wrape
General Manager, Perform
Mail Code GENPL4
Two North Ninth Street
Allentown, PA 18101

Mr. Richard Libra
DTE Energy
Fermi 2
M/C 280 OBA
6400 North Dixie Highway
Newport, MI 48166

Mr. James F. Klapproth
GE Nuclear Energy
M/C A-16
3901 Castle Hayne Road
Wilmington, NC 28402