

February 21, 2003

MEMORANDUM TO: William H. Bateman, Chief  
Materials and Chemical Engineering Branch  
Division of Engineering

FROM: Meena Khanna, Materials Engineer */RA/*  
Vessel & Internals Integrity and Welding Section  
Materials and Chemical Engineering Branch  
Division of Engineering

SUBJECT: SUMMARY OF JANUARY 22, 2003, MEETING WITH BWRVIP TO  
DISCUSS VARIOUS BWRVIP TOPICAL REPORTS

On January 22, 2003, a public meeting was held between the NRC and the Boiling Water Reactor Vessels Internals Project (BWRVIP) to discuss several BWRVIP-A topical reports. In addition, the issue of NDE uncertainty, as it relates to various BWRVIP inspection and evaluation guidelines, was discussed. The attachment includes a list of meeting participants.

The meeting began with the discussion of NDE uncertainty. The staff previously issued several requests of additional information (RAIs) regarding BWRVIP-63, "Shroud Vertical Weld Inspection and Evaluation Guidelines." One of these RAIs had to do with NDE uncertainty. By letter dated October 22, 2002, the BWRVIP addressed the NDE uncertainty issue. At the meeting, the BWRVIP and NRC discussed the BWRVIP's response and the staff's remaining concerns relating to NDE uncertainty. The NRC will evaluate whether additional information is required from the BWRVIP to resolve this issue and address further questions by separate correspondence.

The second topic of discussion was NRC staff open items or issues regarding the BWRVIP-A topical reports discussed below.

The staff informally indicated that its issues in regards to the BWRVIP-26 report, "BWR Top Guide Inspection and Flaw Evaluation Guidelines," were adequately addressed in the BWRVIP-26-A report. However, the staff indicated that a letter would be issued to the BWRVIP stating the NRC's technical concerns with the top guide topical report for license renewal.

With respect to the BWRVIP-27-A report, "BWR Standby Liquid Control System/Core Plate  $\Delta P$  Inspection and Flaw Evaluation Guidelines," the staff indicated that it would review whether a surface examination every other outage is an acceptable alternative to the leakage examination during each Category B-P test.

The staff informally indicated that its issues regarding the BWRVIP-42 report, "BWR Low Pressure Coolant Injection Coupling Inspection and Flaw Evaluation Guidelines," were adequately addressed in the BWRVIP-42-A report.

With respect to the BWRVIP-47-A report, "BWR Lower Plenum Inspection and Flaw Evaluation Guidelines," the staff and the BWRVIP agreed that the reinspection criteria would remain an open item. In addition, the staff requested that the BWRVIP define "baseline" examinations.

The staff informally indicated that its issues in regards to the BWRVIP-48 report, "Vessel ID Attachment Weld Inspection and Flaw Evaluation Guidelines," were adequately addressed in the BWRVIP-48-A report.

The staff informally indicated that its issues regarding the BWRVIP-60 report, "Evaluation of Stress Corrosion Crack Growth in Low Alloy Steel Vessel Materials in the BWR," were adequately addressed in the BWRVIP-60-A report.

With respect to the BWRVIP-74-A report, "BWR Reactor Pressure Vessel Inspection and Flaw Evaluation Guidelines for License Renewal," the BWRVIP indicated that the closure studs would be inspected per ASME Section XI examinations. With this revision, the staff informally indicated that the issues regarding BWRVIP-74-A were adequately addressed.

In regards to the BWRVIP-75-A report, "Technical Basis for Revisions to Generic Letter 88-01 Inspection schedules," the staff indicated that it would need to further evaluate the BWRVIP's resolution of the open issues identified by the staff.

Based on the discussion, the staff suggested that the BWRVIP formally submit the following -A topical reports, as the open issues appeared to be adequately addressed: BWRVIP-26-A, BWRVIP-42-A, BWRVIP-48-A, BWRVIP-60-A, and BWRVIP-74-A. The staff indicated that the other reports discussed above would be further reviewed, once submitted to the NRC as draft versions.

The last topic discussed at the meeting was in regards to schedules and staff review of other BWRVIP topical reports. The meeting was concluded with a summary of the issues discussed.

ATTACHMENTS: As Stated

cc: BWRVIP Service List

With respect to the BWRVIP-47-A report, "BWR Lower Plenum Inspection and Flaw Evaluation Guidelines," the staff and the BWRVIP agreed that the reinspection criteria would remain an open item. In addition, the staff requested that the BWRVIP define "baseline" examinations.

The staff informally indicated that its issues in regards to the BWRVIP-48 report, "Vessel ID Attachment Weld Inspection and Flaw Evaluation Guidelines," were adequately addressed in the BWRVIP-48-A report.

The staff informally indicated that its issues regarding the BWRVIP-60 report, "Evaluation of Stress Corrosion Crack Growth in Low Alloy Steel Vessel Materials in the BWR," were adequately addressed in the BWRVIP-60-A report.

With respect to the BWRVIP-74-A report, " BWR Reactor Pressure Vessel Inspection and Flaw Evaluation Guidelines for License Renewal," the BWRVIP indicated that the closure studs would be inspected per ASME Section XI examinations. With this revision, the staff informally indicated that the issues regarding BWRVIP-74-A were adequately addressed.

In regards to the BWRVIP-75-A report, "Technical Basis for Revisions to Generic Letter 88-01 Inspection schedules," the staff indicated that it would need to further evaluate the BWRVIP's resolution of the open issues identified by the staff.

Based on the discussion, the staff suggested that the BWRVIP formally submit the following -A topical reports, as the open issues appeared to be adequately addressed: BWRVIP-26-A, BWRVIP-42-A, BWRVIP-48-A, BWRVIP-60-A, and BWRVIP-74-A. The staff indicated that the other reports discussed above would be further reviewed, once submitted to the NRC as draft versions.

The last topic discussed at the meeting was in regards to schedules and staff review of other BWRVIP topical reports. The meeting was concluded with a summary of the issues discussed.

ATTACHMENTS: As Stated

cc: BWRVIP Service List

DISTRIBUTION:

EMCB RF  
SDuraiswamy

MEMayfield  
NCChokshi  
CEMoyer  
WCullin

Meeting Attendees  
(Attachment 1)  
Region I DRS  
Region II DRS  
Region III DRS  
Region V DRS

**ADAMS Accession No.: ML030550651**

INDICATE IN BOX: "C"=COPY W/O ATTACHMENT/ENCLOSURE, "E"=COPY W/ATT/ENCL, "N"=NO COPY

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Meeting with NRC and BWRVIP List of Meeting Attendees - January 22. 2003

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Terence Chan, NRC  
Don Naujock, NRC  
Meena Khanna, NRC  
Karen Gott, NRC  
Carol Moyer, NRC  
William Cullin, NRC  
Matthew Mitchell, NRC  
Jai Rajan, NRC  
William Koo, NRC  
Gene Carpenter, NRC