February 1, 2008

MEMORANDUM TO: Terence L. Chan, Chief
Piping and NDE Branch
Division of Component Integrity
Office of Nuclear Reactor Regulation

FROM: John C. Tsao ***/RA/***
Senior Materials Engineer
Piping and NDE Branch
Division of Component Integrity
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF PUBLIC MEETING HELD JANUARY 16, 2008, WITH THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) REGARDING ASME WELD OVERLAY AND INLAY CODE CASES

On January 16, 2008, the U.S. Nuclear Regulatory Commission (NRC) staff held a public meeting in Rockville, Maryland with members of the Welding and Special Repair Process Working Group of the American Society of Mechanical Engineers (ASME) to discuss weld overlay and inlay code cases. The purpose of the meeting was for the ASME and NRC staff to discuss the technical issues of these code cases in order to permit a more expeditious NRC and ASME review to allow the use of these codes cases to repair or mitigate Alloy 82/182 dissimilar metal welds in the reactor coolant system.

The ASME started the meeting with a presentation of the technical background of the weld inlay technology, followed by presentation of ASME's response to the NRC's comments on the draft weld inlay code case and weld overlay Code Case N-740-2. The ASME provided substantive and significant response to the NRC staff's comments. The presentations and discussions were useful for the NRC staff to move forward with the review of the ASME inlay and overlay code cases.

The meeting attracted about 40 persons. Public Meeting Feedback forms will be forwarded to the Senior Communications Analyst in the Office of Nuclear Reactor Regulation. The preliminary feedback from the attendees is that the meeting was useful and constructive. A list of meeting attendees and presentation materials are enclosed.

Enclosures: 1. List of Attendees
2. Presentation Materials

CONTACT: John Tsao, DCI/CPNB
(301) 415-2702

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LIST OF ATTENDEES

Summary of Public Meeting to discuss ASME weld inlay and overlay code cases
January 16, 2008, in Rockville, Maryland

NAME	ORGANIZATION	CONTACT INFORMATION
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PRESENTED MATERIALS

Summary of Public Meeting to discuss ASME weld inlay and overlay code cases
January 16, 2008, in Rockville, Maryland

1. "Joint NRC-Industry Meeting ASME Section XI - Task Groups on Inlay & WOL, Dave Waskey, AREVA, January 16, 2008," Dave Waskey, AREVA.

2. "Design and Stress Analysis" & "Flaw Growth Evaluation," Dave Waskey, AREVA

3. "NRC Comments for Barrier Weld Case, Joint NRC – Industry Meeting 1/16/08," Dave Waskey and Gary Poling, AREVA

4. "Case N-XXX (07-1682) Nickel Alloy Reactor Coolant Barrier Weld for Mitigation of PWR Full Penetration Circumferential Nickel Alloy Welds in Class 1 Items Section XI, Division 1 DRAFT, Revision B," the ASME Code, Section XI.

5. "Comments on Code Case N-740-2 Version 11-15-2007"--NRC

6. "Meeting with NRC Code Case N-740-2, Washington D.C. January 16, 2007," Robert Hermann, Hermann & Associates.

7. Richard Smith, Tony Giannuzzi, and Joe Weicks, "Technical Justification for Applying the PWHT Exemptions of NB-4620 to Weld Overlays on P-No. 1 Materials," ASME White Paper.

8. Peter C. Riccardella and Richard L. Bax, "Technical Basis for Weld Overlay Effective Thickness," Structural Integrity Associates, June 4, 2007.