

July 27, 2001

MEMORANDUM TO: Terence Chan, Chief  
Material Inspection Section  
Materials and Chemical Engineering Branch

FROM: Syed A. Ali /ra/  
Material Inspection Section  
Materials and Chemical Engineering Branch

SUBJECT: TRIP REPORT, ASME CODE SECTION XI MEETING,  
PITTSBURGH, PA, MAY 14, 2001 (M93622)

On May 14, 2001, I attended the ASME Code Section XI Working Group (WG) on Implementation of Risk-Based Examination Meeting in Pittsburgh, PA. The highlights of the meeting are as follows.

1. In the NRC briefing to the WG, Syed Ali indicated that the staff has approved 13 RI-ISI plant submittals and 22 submittals are currently being reviewed. The staff had a meeting with EPRI on April 24, 2001, in which various RI-ISI issues were discussed. WOG senior management had a meeting with NRC and expressed a concern about the staff requiring a minimum of 10% inspection of ASME Class 1 butt welds. The staff is currently working with WOG, EPRI, and NEI to resolve this issue and a meeting has been scheduled for May 22, 2001, to discuss and resolve this and other RI-ISI issues. (Item # WG/RI R-1)
2. Pat O'Regan presented the EPRI executive briefing in which he stated that EPRI continues to develop RI-ISI submittals for various utilities. (Item # WG/RI R-1)
3. Ken Balkey presented the WOG executive briefing in which he provided the status of on-going RI-ISI applications using WOG method, summary of activities of WOG RI-ISI subgroup, schedule of future submittals, and some developments in the application of WOG RI-ISI methods to HELB augmented inspections. He indicated that 30 U.S. and 8 international plants plan to use WOG methodology for RI-ISI. (Item # WG/RI R-1)
4. Ken Balkey presented the ASME Research briefing in which he stated that the Special Working Group on Probabilistic Methods in Design has been formed to use risk-informed approaches in development of Code requirements for Section III. He also indicated that efforts continue to investigate extension of risk-informed methods beyond ASME Section XI and O&M. (Item # WG/RI R-1)

CONTACT: Syed Ali, EMCB/DE  
415-2776

5. Ray West presented a draft of the new nonmandatory Appendix X, "Risk-informed Requirements for Piping." This new nonmandatory Appendix incorporates Code Cases N-577-1 and N-578-1 into Section XI. This appendix includes lessons learned from the use of these code cases within the industry. Several changes that should be made to the code cases have been incorporated into this Appendix and they address: additional examinations, examination category table requirements, and glossary terms. The Appendix will be sent to the WG members for letter ballot. (Item # RI 98-02)
6. Bruce Bishop stated that a report was issued to WOG in January 2001 on RI-ISI applicability to plant life extensions. He also stated that Surry and ANO-1 will apply RI-ISI for license renewal. He further indicated that only about 1% segments were added to HSS for license renewal. (Item # RI 98-03)
7. There was some discussion related to changes at a plant which has implemented RI-ISI or industry events which could have an impact to the PRA model for that plant. A related issue is to define when a utility should change the failure probabilities. EPRI representative stated that it plans to issue a guideline by June 2001. WOG representative stated that its process is to be consistent with ASME. (Item # RI 99-02)
8. The WG voted to close the item to ensure consistency between the technical reports and the risk-informed code cases for all failure mechanisms. (Item # RI 00-03)
9. Ken Balkey discussed the activities of the ASME Task Group on Risk-Informed Safety Classification for Passive Components. The draft Code Case, "Risk-informed Classification of Class 2 and Class 3 Pressure Boundary Components for Use in Risk-informed Repair and Replacement Activities for Section Xi, Division 1" has been approved by the WG and will be an agenda item for ASME XI Subcommittee meeting on May 17, 2001. (Item # RI 00-04)

5. Ray West presented a draft of the new nonmandatory Appendix X, "Risk-informed Requirements for Piping." This new nonmandatory Appendix incorporates Code Cases N-577-1 and N-578-1 into Section XI. This appendix includes lessons learned from the use of these code cases within the industry. Several changes that should be made to the code cases have been incorporated into this Appendix and they address: additional examinations, examination category table requirements, and glossary terms. The Appendix will be sent to the WG members for letter ballot. (Item # RI 98-02)
6. Bruce Bishop stated that a report was issued to WOG in January 2001 on RI-ISI applicability to plant life extensions. He also stated that Surry and ANO-1 will apply RI-ISI for license renewal. He further indicated that only about 1% segments were added to HSS for license renewal. (Item # RI 98-03)
7. There was some discussion related to changes at a plant which has implemented RI-ISI or industry events which could have an impact to the PRA model for that plant. A related issue is to define when a utility should change the failure probabilities. EPRI representative stated that it plans to issue a guideline by June 2001. WOG representative stated that its process is to be consistent with ASME. (Item # RI 99-02)
8. The WG voted to close the item to ensure consistency between the technical reports and the risk-informed code cases for all failure mechanisms. (Item # RI 00-03)
9. Ken Balkey discussed the activities of the ASME Task Group on Risk-Informed Safety Classification for Passive Components. The draft Code Case, "Risk-informed Classification of Class 2 and Class 3 Pressure Boundary Components for Use in Risk-informed Repair and Replacement Activities for Section Xi, Division 1" has been approved by the WG and will be an agenda item for ASME XI Subcommittee meeting on May 17, 2001. (Item # RI 00-04)

DISTRIBUTION:

EMCB RF  
 WNorris  
 SDinsmore  
 WBateman  
 SCoffin  
 JStrosnider

DOCUMENT NAME: C:\Program Files\Adobe\Acrobat 4.0\PDF Output\ASME Mtg Trip Report May 20~.wpd  
 To receive copy, indicate: "C" = Copy w/o attachment/enclosure; "A" = Copy with attachment/enclosure; "N" = None. NO MARK = NO COPY!!!

<b>OFC</b>	EMCB	
<b>NAME</b>	SAA:saa	
<b>DATE</b>	7 / 27 /01	

**OFFICIAL RECORD COPY**