

September 21, 2000

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

FROM: Robert A. Hermann, Senior Level Advisor */ra/*
for Materials Science
Materials and Chemical Engineering Branch
Division of Engineering

SUBJECT: TRIP REPORT SUMMARY - ASME SECTION XI, TASK GROUP ON
TEMPER BEAD WELDING, WORKING GROUP ON INSPECTION OF
SYSTEMS AND COMPONENTS, WORKING GROUP ON WELDING
AND SPECIAL PROCESSES AND SUB-GROUP ON REPAIRS,
REPLACEMENTS AND MODIFICATIONS

On August 7-9, 2000, I attended the above-stated meetings. I interfaced with the various NRC members of the respective working groups reporting to the subgroup prior to the meeting and with the NRC representative to Section XI prior to his meeting to achieve consistency with the NRC position taken on the various Code items. The items discussed and the actions taken for the respective committees, except the working group on Implementation of Risk Based Examinations, are shown in the attachment. Details and the basis for any negative votes at a committee are also included.

I attended the working group on Implementation of Risk Based Examinations since discussion of the code case on providing alternative repair/replacement rules for structures, systems and components classified in accordance with the risk informed process was on the working group agenda. The discussion at the working group included the expansion of their activities from risk based ISI to include other areas. They reached a decision to prepare a "mother document" on categorization but did not preclude leaving the categorization in the RRM code case and reviewing that. Mr. Imbro informed me that the working group on Design Reconciliation met the following day and decided to remove the portion of the code case that dealt with categorization. I believe that this will have a significant impact on RIP 50 and South Texas reviews since I don't think the second code case to cover categorization will be done in time.

The other item worth highlighting is that another version of fiber-glass coating was passed as a suitable replacement for use in moderate energy code piping. The cured fiber-glass is relied upon as the structural "new" piping in locations where the degradation to the old piping in excess of the structural integrity criteria. We have previously voted negative on this case and would continue to recommend it not be approved for use for the reasons stated in the our negative.

Attachment: As stated

CONTACT: R. A. Hermann, EMCB/DE
415-2768

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Working Group Welding and Special Repair Processes

Member: Hermann
Committee: WGWSRP
Date: 08/08/2000
Location: Portland
TG No.: RRM 99-01
WG No.: RRM 99-01
SG No.: RRM 99-01
SC No.: RRM 99-01
ISI No.: ISI 99-34

Item Description: Machine GTAW Temper Bead Post Bake and NDE Hold Time Revisions (Code Case)

ASME Priority:

Action:

Action Description: Code Case N432. Repair welding using automatic or machine GTAW temper bead technique.

NRC Vote: Approve

Vote Details: Reaffirmed unanimously.

Committee Votes: **Approved** **Disapprove** **Abstained**

Item Status:

Applicable NRC Pillar: (Subgroup only)

Maintain Safety	N/A
Reduce Unnecessary Regulatory Burden	N/A
Increase Efficiency and Effectiveness	N/A
Increase Public Confidence	N/A

Subgroup Repair, Replacement and Modification

Member: Hermann **Committee:** SGRRM
Date: 08/09/2000 **Location:** Portland
TG No.: RRM 99-05 **WG No.:** RRM 99-05
SG No.: RRM 99-05 **SC No.:** RRM 99-05

ISI No.:

Item Description: Revise CC N-589 CIPP to Allow Additional Techniques

ASME Priority: Reduced Burden - Normal

Action:

Action Description: Discussion to revise CC N-589 CIPP to allow additional techniques

NRC Vote: Disapprove

Vote Details: Basis of negative vote: 1. No fracture toughness information provided. 2. Section 5.2 is not specific on how monitoring is done. 3. Not clear on how UT would be done or qualified. Passed Subgroup.

Committee Votes: **Approved** **Disapprove** **Abstained**

Item Status:

Applicable NRC Pillar: (Subgroup

Maintain Safety	High
Reduce Unnecessary Regulatory Burden	High
Increase Efficiency and Effectiveness	Low
Increase Public Confidence	N/A

