

Action Item Review

NRC/PDI Meeting
May, 2009

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Appendix VIII Performance Demonstration



Review of Action Items

- Action Item 1
 - *PDI will provide information on the effectiveness that specific training (Guided Practice) has on performance demonstrations pass/fail rates*
- Status
 - **See presentation documenting trial group results**
 - **Complete Projects have been started that will formalize the guided practice process**

Review of Action Items

- Action Item 2
 - *PDI will initiate action to bring ligament qualifications into the ASME Code*
- Status
 - **To date this has not been address through the Code committees**

Ongoing need to follow up with status

Mike Gothard currently holds action item

Review of Action Items

- Action Item 3
 - *PDI will propose to EPRI Integration Committee a new project to procure test specimens with smooth surface conditions for single side austenitic pipe performance demonstrations*
- Status
 - **Project has been initiated to evaluate and improve single side access techniques**
 - **Will be performed in close coordination with risk based projects**
 - **Complete**
 - **Projects have been approved to address this issue**
 - **Status will be provided at future meetings**

Review of Action Items

- Action Item 4
 - *PDI will continue developing the technical basis for the UT examination of optimized WOL*
- Status
 - **This action item is unclear (Clarified below)**
 - **It assumed there would adequate coverage of the new overlay volume and that the susceptible material would have already been examined prior to the overlay**
 - **Ongoing**

This item was clarified to mean that procedures will be expanded to address expanded examination volume

Code changes proposed

Qualifications underway

Report status at future meetings

Review of Action Items

- Action Item 5
 - *(Old open item) PDI will continue developing a relief request template for application of optimized WOL*
- Status
 - **Working with Code and with utility on this**
 - **Code case submitted during May 2009 meeting**
 - **Ongoing**

Review of Action Items

- Action Item 6
 - *(Old open item) PDI will continue collecting inspection data of WOLs on centrifugally cast stainless steel installations to support a WOL sizing tolerance Code case*
 - Status
 - **This action item is unclear**
 - **Ongoing work on examining cast under the overlay**
 - **Not limited to sizing tolerances**
 - **Results reviewed by NRC and PNNL during our last meetings in Charlotte**
 - **Ongoing**
 - **New project proposed to continue work**

Review of Action Items

- Action Item 7
 - *(Old open item) PDI will consider developing performance demonstrations for qualifying cast stainless steel pipe. (ASME Task Group on Cast Stainless Steel)*
- Status:
 - **There is an active multi-year cast research project that has been approved that started this year that will evaluate this possibility, but there is a lot of work to be done before it gets to qualification**
 - **Task group continues to be active**
- **Ongoing**

Review of Action Items

- Action Item 8
 - *PDI will ask the corrosion resistant cladding (CRC) task group to evaluate the ASME Code cases on WOL/onlays/inlays for performance demonstration criteria applicable to CRC welds*
- Status
 - **PDI has not had a formal meeting this this item was discussed**
 - **Will be covered on the agenda of next meeting**
 - **Code action will be proposed to address equivalency work done on inlays and onlays**
- **Ongoing proposal to be address at June PDI meeting**

Review of Action Items

- Action Item 9
 - *(Old open item) PDI will consider developing sizing RMSE criterion for weld inlay flaws that is more restrictive than current RMSE in the ASME Code*
- Status
 - **It is unclear where this action item derived from**
 - **No work has been done in this area**
 - **Acceptance criteria for inlay applications is being handled by another group**
 - **Should not be PDI action item**
- **This is not a PDI action item**

Review of Action Items

- Action Item 10
 - *PDI will write a letter to the EPRI Action Plan Working Group requesting guidance on addressing NRC concern with the inability for the industry to meet the 0.125-inch root mean square depth sizing from the inside pipe surface*
- Status
 - **PDI has brought the issue up to the Product Group Steering Committee for consideration**
 - **Other related actions**
 - **Project proposed to increase the accuracy of sizing in austenitic materials**
 - **Closed see New Action Item 4**

Review of Action Items

- Action Item 11
 - *(Old open item) PDI will consider assembling test specimens containing the appropriate surface conditions to support a limited depth sizing qualification from the inside pipe surface*
- Status
 - **Presentation to be made by Carl Latiolais**
 - **Closed see New Action Item 4**

Review of Action Items

- Action Item 12
 - *(Old open item) Although the PDI program does not address high density polyethylene pipe, this action item will remain open while ASME Code continues development of nondestructive examination criteria*
- Status
 - **This action does not belong to PDI and should be closed**
 - **This is not a PDI action item**

Review of Action Items

- Action Item 13
 - *(Old open item) NRC will visit PDI to review the representativeness of as-built mockups and finger print data for optimized WOL specimens*
- Status
 - **Complete**
 - **Meeting held with NRC and PNNL to review process and findings**
 - **NRC to provide status of findings**
- **Closed**

Review of Action Items

- Action Item 14
 - *(Old open item) PDI drafted a guideline on the administration responsibilities for PDI sponsored ASME Code cases and changes*
 - **Status**
 - **The draft is awaiting issuance**
 - **Item should be closed or restated**
- **Ongoing**

Review of Action Items

- Action Item 15
 - *(Old open item) PDI drafted a Guideline for DMW which is being process for issuance*
- Status
 - **Not directly a PDI item, but PDI contributed to review**
 - **The DM Guideline has been approved by both the BWRVIP and PMMP**
 - **Final editing underway**
 - **Publishing and issuance is expected to be within 30 days**
 - **Will be issued by the NDE Integration Committee**
 - **Will be free-released and available to the public when it is issued**
- **Ongoing see new action item 3**