ELECTRIC POWER RESEARCH INSTITUTE

Action Item List

Carl Latiolais
Senior Program Manager Performance Demonstration

PDI/NRC Meeting

Date June 2010

NRC Actions

- Action Item 1
  - NRC will consider requesting access to information in a letter to the NDE IC Chairman pertaining to RMSE as it relates to inside surface UT examinations
  - Status
    - Discussed during the MOU meeting between industry and NRC research
    - Carry Action to next meeting
  - Owner: To be determined during next research industry meeting

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NRC Actions

- Action Item 2
  - PNNL will request from EPRI a mock WOL test, in order to obtain information on a aspects of a standard test set with regards to how much information is provided to a candidate on the nature of flaws in the test
  - Status
    - Ongoing
  - Owner
    - Steve Doctor
  - Due Date
    - ??????

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NRC Actions

- Action Item 3
  - NRC will consider providing to PDI a copy of the DRAFT technical basis report on Appendix VIII (future NUREG/CR)
  - Status
    - Complete
      - NRC provided draft copy of this document to Industry during research/ industry meeting in January 2010
      - EPRI will provide to PDI for review, including comments identified during review
    - Due date:
      - 7/2010
    - Owner
      - Carl Latiolais

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NRC Actions

- Action Item 4
  - NRC will discuss obtaining the following information from the NDE IC in January 2010:
    - EPRI report, “Ultrasonic Equivalency Testing of Weld Inlaid and Onlaid Components” (1016655),
    - EPRI report, “Ultrasonic Equivalency Testing of Weld Inlaid Components” (1016543)
    - “New Plant Guidelines”
    - “Guidelines for DMW Inspection”
    - A list of funded industry NDE projects with brief summaries of each project
  - Status
    - Complete

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PDI Actions

- Action Item 1
  - Actions taken to bring RPV remaining ligament ("s") measurement qualifications into ASME Code Case N-526 – Owner: Mike Gothard Due Date: Spring 2010 Mtg
  - Status
    - See presentation presented by Mike Gothard
    - Action will be discussed with PDI on June 21st 2010.
  - Owner
    - Rich Fuller
  - Due date:
    - 6/21/2010

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PDI Actions

- Action Item 2
  - NDEC project progress on austenitic single side examination technology (Owner: Kevin Hacker Due Date: Spring 2010 Mtg)
  - Status
    - See presentation presented by Kevin Hacker
  - Complete

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PDI Actions

- Action Item 3
  - Technical basis for the UT examination of optimized WOL (Owner: Rich Fuller Due Date: Spring 2010 Mtg)
  - Status
    - Technical basis is covered in MRP-169 Addenda 1
    - Presentation on status of qualification work will be presented by Carl Latiolais during meeting
    - SER received from Davis Besse (First Use) and contains technical basis
    - Will obtain permission to use as template by others applying Optimized weld overlays
    - Code action underway to normalize Code and include criteria for qualification
  - Owner
    - Rich Fuller to get permission to post as template
    - R. Swain will follow Code actions
  - Due Date
    - 7/15/2010 action 1
    - On-going action 2
    - This action will be considered closed when action item 1 is complete

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PDI Actions

- Action Item 4
  - Relief request template for application of optimized WOL (Owner: Mike Gothard Due Date: Spring 2010 Mtg)
  - Status
    - Received copy of Davis Besse relief and SER
    - Need to get permission to use as template
  - Status
    - Closed by action 3

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PDI Actions

- Action Item 5
  - NDEC project progress on UT of WOLs on centrifugally cast stainless steel components (Owner: Dan Nowakowski Due Date: Spring 2010 Mtg)
  - Status
    - Project approved to explore other probes and techniques
    - Plan put in place
    - Work to start this summer

    Closed

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PDI Actions

- Action Item 6
- ASME Code progress on UT of Cast Stainless Steel (TG-CSS) (Owner: Ronnie Swain Due Date: Spring 2010 Mtg)
  - Status
    - Complete
      - R. Swain has provided status during this meeting

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PDI Actions

- Action Item 7
  - Presentation to the EPRI NDE IC a request for funding and action to review the current implementation of onlays, overlays and inlays for similarities with CRC configurations and champion appropriate changes at the ASME Code (Owner: Randy Linden Due Date: Spring 2010 Mtg)
  - Status
    - Presentation presented to BWRVIP, MRP and PDI. If approved a formal project will be presented to the NDEC IC in 2011.
  - Owner
    - Ronne Swain
  - Due date
    - 6/2011 if approved by other material issue programs

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PDI Actions

- Action Item 8
  - Project to analyze the DMW and austenitic-to-austenitic piping PDI database for RMSE performed from the inside diameter as a function of the flaw size and metal path, and will coordinate the project with NRC/PNNL participation. (Owner: EPRI Staff Due Date: Spring 2010 Mtg)
    - Presentation presented during NRC information meeting in May 2010
    - Another presentation scheduled during this meeting
    - Working with industry on Code case to address this issue

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PDI Actions

- Action Item 9
  - Draft Code Case N-780 pertaining to alternative rules for equipment substitution when using PDI qualified techniques (Owner: Gary Lofthus Due Date: Spring 2010 Mtg)
  - Status
    - Complete

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New Action Items

- PDI
  - Action Item 1
    - Terry to get with Jack Spanner on the status of changes to CC-722 with regards to the note referencing Appendix VIII
  - Action Item 2
    - Terry to bring forward the RMS ID depth sizing issue to the PDI steering committee and the IC. Recommend focused meeting with all relative parties to discuss this issue
  - Action Item 3
    - PDI will discuss CC-526 with steering committee to determine owner
    - Rich Fuller will get back with Don on results of discussions

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