



EPRI

ELECTRIC POWER
RESEARCH INSTITUTE

BWR Vessel and Internals Project (BWRVIP)

Update

Jeff Landrum
PDI Meeting
November 2007

Topics of Discussion

- BWRVIP Symposium
- 2008 BWRVIP IVVI Training Courses
- BWRVIP-03, Rev. 10
- Other Inspection Activities

BWRVIP Symposium

• **December 13 – 14, 2007**

Orlando, FL

– **Agenda Highlights**

- **Wednesday, December 12, 2007**
 - 7:00 PM - 9:00 PM **Registration**
- **Thursday, December 13, 2007**
 - **BWRVIP Utility Executive Perspective**
 - **Regulatory Perspective on BWRVIP**
 - **INPO BWRVIP Review Visits**
 - **Committee Reports**
 - **Plant OE**
- **Friday, December 14, 2007**
 - **Inspection Activities**
 - **Panel Session – Feedback on BWRVIP**

2008 IVVI Training Course

- 2008 Training Schedule

- February 26 – 28, 2008
- July 15 – 17, 2008
- August 26 – 28, 2008
- November 10 – 13, 2008 *

* *November course added in 2008 to support international BWRVIP membership*

BWRVIP-03, Revision 10

- Scheduled to be published in December 2007
- Summary of proposed changes
 - Update vendor demonstrations
 - Changes to Visual Standard
 - Change requirement for ½ mil wire standard to ASME Code Section XI VT-1 Characters
 - Change camera angle to 30 degrees from perpendicular to surface
 - Add requirement for maximum camera motion during examination not to exceed ½ inch/sec
- Related Topic – RAI on BWRVIP-03, Rev. 6
 - BWRVIP response submitted to NRC
 - No formal feedback from NRC has been received

Other Inspection Activities

- Designing and fabricating mockups for vendor
 - Access Hole Cover Mockups
 - Top Guide Mockups
 - Core Spray Mockups
 - CRD Mockups
- Update on Jet Pump Beam NDE
 - Still waiting BWRVIP assessment of GE report on new guidance for inspection and assessment
 - Do not expect resolution until 2008
- EVT-1
 - New experiments planned for 1st quarter of 2008