



B&WOG/ NRC Meeting Agenda October 23, 2001

- | | | |
|-------|--|---------------------------------|
| 9:00 | Introduction | Guy Campbell and Sam Collins |
| 9:15 | Topical Report Review | Jim Mallay |
| | Plans for License Renewal | |
| 9:30 | Significance Determination Process | Bill McCollum |
| 9:45 | CRDM Nozzle Inspection Status and Future Plans | Guy Campbell |
| 11:00 | Adjourn | |



Topical Report Review

Submitted by the B&WOG:

BAW-2359, Risk-Informed Application to Inservice Testing of AOVs. Met with the NRC in January 2001. Davis Besse relief request references the report. SER expected in January 2002.

BAW-2374, Rev. 1, Risk-Informed Assessment of OTSG Thermal Loads during Hot Leg LOCA. RAI received on 10/18/01. SER expected by 12/30/01.

BAW-10046, Rev. 4, Compliance with Appendix G on Fracture Toughness. SER expected in October 2001.

BAW-2303, Rev. 4, OTSG Repair Roll Qualification Report. Submitted on a plant-specific basis and not handled through the B&WOG. Application depends on the acceptance of BAW-2374.



Topical Report Review

Submitted by the B&WOG:

BAW-1543, Rev. 4, Supplement 4, Update to the Master Integrated Surveillance Program. SER expected in October 2001.

BAW-2387, Elimination of PASS for B&W Units. Submitted under the CLIP process. SER expected in May 2002.



Topical Report Review

Submitted for Information:

BAW-2392, Reactor Internals, Baffle Bolt Failure.

BAW-2409, CRDM Repair Process.

Funded by the B&WOG:

BAW-10164, Rev. 4, Transient Analysis. SER expected in October 2001.



Plans for License Renewal

| Plant | LRA Submitted | LRA Approved | License Expires |
|-------|----------------|--------------|-----------------|
| ONS-1 | 7/7/98 | 5/23/00 | 2/6/33 |
| ONS-2 | | | 10/6/33 |
| ONS-3 | | | 7/19/34 |
| ANO-1 | 1/31/00 | 6/20/01 | 5/20/34 |
| DB-1 | WIP 12/1/04 | | 4/22/17 |
| CR-3 | Est. 2005 | | 12/3/16 |
| TMI-1 | Est. 2007 | | 4/19/14 |

IDENTIFICATION OF DESIGN ISSUES

- Self identification and resolution of old design issues is a proactive initiative of utilities
- SDP process discourages such initiatives
 - Multiple white finding potential impacts
 - Negative publicity
 - Increased NRC inspection
- SDP process revision is needed to not penalize Utilities for such efforts while still taking into consideration the risk factors



NRC BULLETIN 2001-01 RESPONSE

All 5 B&WOG Utilities Submitted Similar Response

- ◆ **Perform a 100% visual inspection**
- ◆ **If any leakage is observed, perform volumetric inspection of the nozzle bore and PT of the weld**
- ◆ **If there are no circ cracks, then perform no other inspections.**
- ◆ **If there are circ cracks above the weld, then perform volumetric inspection of the nozzle bore and PT of the weld on those nozzles where the CRDMs have been removed.**
- ◆ **If flaws are found in non-leakers, then additional inspections may be performed.**



B&W PLANT INSPECTION RESULTS

| Plant | Inspection Date | No. Inspected w/NDE | No. Leakers | No. OD Circ Flaws |
|-------------|-----------------|------------------------|-------------|----------------------|
| Oconee 1 | November 2000 | 18 | 1 | 0 |
| Oconee 2 | April 2001 | 4 | 4 | 1 |
| Oconee 3 | February 2001 | 18 | 9 | 3 |
| ANO-1 | March 2001 | 1 | 1 | 0 |
| CR-3 | October 2001 | 9 | 1 | 1 |
| TMI-1 | October 2001 | Ongoing | | |
| Davis-Besse | March 2002 | | | |



Long Term Plans

Oconee – New heads on order for 2003-2004 delivery

ANO-1 - Considering new head

CR-3 - Considering new head

TMI-1 – Considering new head

Davis-Besse - Considering new head



B&WOG Plan for Transgranular Cracking

- In 1998, B&WOG documented the fabrication practices, materials and inspection results for the CRDM housings in B&W designed plants.
- Reports prepared to investigate the implications of the manufacturing flaw found in a Prairie Island CRDM housing weldment.
- These reports will provide a significant portion of the information required to answer the questions raised at Palisades.
- B&WOG will continue to evaluate as information is obtained from Palisades