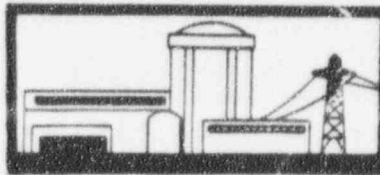


**THE  
B&W OWNERS GROUP**

Duke Power Company  
Entergy Operations, Inc.  
Florida Power Corporation  
Gulf Nuclear Corporation

Oconee 1, 2, 3  
ANO-1  
Crystal River 3  
TMI-1



Toledo Edison Company  
Tennessee Valley Authority  
B&W Nuclear Technologies

Davis Besse  
Bellevue 1, 2

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JHT/94-132  
August 24, 1994  
OG-1416

Mr. Jon B. Hopkins  
Project Directorate III-3  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Subject: B&W Owners Group (B&WOG) Submittal in Response to  
Commitment Made to NRC by the B&WOG at the May 27, 1994  
Meeting

References:

1. NRC/B&WOG May 27, 1994 Meeting Agenda.
2. B&WOG letter J. H. Taylor (BWNT) to J. B. Hopkins (NRC), dated June 8, 1994; OG-1386.
3. NRC Summary of Meeting; dated June 14, 1994.
4. B&WOG letter J. H. Taylor (BWNT) to J. B. Hopkins (NRC), dated April 13, 1994; OG-1365.

Attachment: BWNT Document No. BAW-2228, "Fracture Mechanics Assessment of Postulated Outer Surface, Semi-Elliptical Circumferential RV Nozzle-to-Pipe Weld Flaws", dated August, 1994.

Dear Mr. Hopkins:

At the conclusion of the NRC/B&WOG May 27, 1994 meeting, the NRC requested, and the B&WOG committed to supply the NRC with, an additional generic report documenting the Fracture Mechanics Analysis Results to demonstrate acceptable safety margins exist when replacing a surface inspection required by the ASME Code with a UT technique from the ID of the RV nozzles.

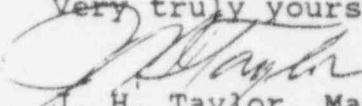
Attached is the B&WOG Generic Fracture Mechanics Report (BWNT Report No. BAW-2228) that provides the NRC with the additional information needed by the NRC to grant approval for the Relief Requests submitted to the NRC by the B&WOG Utilities for approval.

The analyses support the assumptions made by the B&WOG Utilities and presented to the NRC at May 27, 1994 meeting. The results of the analyses apply to the reactor vessel nozzles to piping welds in each of the B&WOG Utilities plants. The welds of interest are at the core flood and inlet and outlet nozzles for each plant.

At the May 27, 1994 meeting, it was agreed that the NRC would provide a timely review of these results and upon concurrence, provide written acceptance for those plants that have completed inspections using this method and for those intending to use it in the near future. Since this concurrence will help to firm-up outage plans for early 1995, it is requested that the review and acceptance be completed by November 15, 1994. Please confirm that your review can be completed by that date.

If you have any questions or need further information, please call Mr. Frank Walters of BWNT at 804/832-2509 or me at 804/832-2817.

Very truly yours,



J. H. Taylor, Manager  
Licensing Services

B&W NUCLEAR TECHNOLOGIES

JHT/bcc

cc: J. R. Strosnider/NRC  
E. J. Sullivan, Jr./NRC  
P. S. Walsh/GPUN  
B&WOG NDE Committee Members