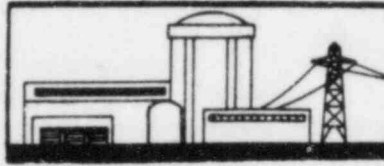


# THE B&W OWNERS GROUP

Arkansas Power & Light Company  
Duke Power Company  
Florida Power Corporation  
GPU Nuclear Corporation  
Sacramento Municipal Utility District

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



Toledo Edison Company  
Tennessee Valley Authority  
Washington Public Power Supply  
System  
Babcock & Wilcox Company

Davis Besse  
Bellefonte 1, 2  
WNP 1

Working Together to Economically Provide Reliable and Safe Electrical Power

October 22, 1985

Suite 220  
7910 Woodmont Avenue  
Bethesda, Maryland 20814  
(301) 951-3344

Mr. Cecil O. Thomas, Chief  
Std. & Special Project Board  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Subject: B&W Owners Group Leak-Before-Break Report BAW-1889P  
Dated October 1985. "Piping Materials Properties  
for Leak-Before-Break Analysis"

Dear Mr. Thomas:

Enclosed is a copy of the subject report sent as additional information to support your review of BAW-1847 Revision 01. Part of the information in this submittal is considered proprietary by the B&WOG, under the provision of 10 CFR 2.790 as sworn by J. H. Taylor, Manager, B&W Licensing in the attached affidavit and should be treated as such.

This report is submitted at the request of the NRC staff for their information and review since the results are used in the B&WOG Leak-Before-Break Evaluation report (BAW-1847 Rev. 01) now being reviewed by the NRC for an SER approval.

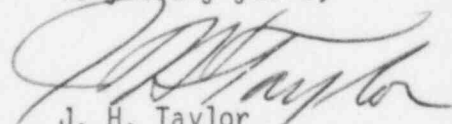
This new material data has been obtained from a recently completed B&WOG test program and is submitted on the behalf of the following B&W Owners Group Utilities:

Duke Power Company  
Washington Public Power Supply System  
Florida Power Corporation

Tennessee Valley Authority  
Toledo Edison Company  
Sacramento Municipal Utility  
District

If you have questions concerning this issue, please contact J. F. Walters (804) 385-2208 or L. C. Oakes, Chairman of the B&WOG, LBB Task Force at (509) 377-1073.

Very truly yours,

  
J. H. Taylor  
Manager, Licensing

8511180501 851022  
PDR TOPRP EMVBW  
C PDR

JFW/lec

TOO7  
1/2

c: Mr. Harold Bernard - NRC  
Mr. R. W. Klecker - NRC (4)  
Mr. G. S. Vissing - NRC  
Mr. R. B. Borsum - B&W Bethesda Office  
Mr. T. L. Baldwin - B&W

Leak-Before-Break Task Force

D. A. Saunders - AP&L  
P. F. Guill - DPC  
D. L. Rehn - DPC  
E. H. Davidson - FPC  
E. C. Simpson - FPC (w/o enclosure)  
J. Maseda - FPC  
Mrs. C. Appel - SMUD  
L. C. Oakes - SS  
J. J. Ritts - TVA  
J. D. Ewald - TED

AFFIDAVIT OF JAMES H. TAYLOR

- A. My name is James H. Taylor. I am Manager of Licensing Services at The Babcock & Wilcox Company, a participating member in the Babcock & Wilcox Utility Owners Group (B&WOG) and as such I am authorized to execute this Affidavit.
- B. I am familiar with the criteria applied by the Nuclear Regulatory Commission (NRC) to determine whether certain information of the B&WOG is proprietary.
- C. In determining whether a B&WOG document is to be designated as proprietary information, an initial determination is made by the Unit Manager who is responsible for originating the document as to whether it falls within the criteria set forth in Paragraph D hereof. If the information falls within any one of these criteria, it is designated as proprietary by the originating Unit Manager. This initial determination is reviewed by the cognizant manager at the next higher organizational level. If the document is designated as proprietary, it is reviewed again by me to assure that the regulatory requirements of 10 CFR Section 2.790 are met.
- D. The following information is provided to demonstrate that the provisions of 10 CFR Section 2.790 of the Commission's regulations have been considered:
- (i) The information has been held in confidence by the B&WOG. Copies of the document are clearly identified as proprietary.
  - (ii) The following criteria are customarily applied by the B&WOG in a rational decision process to determine whether the information should be designated as proprietary. Information may be designated as proprietary if one or more of the following criteria are met.
    - a. Information reveals cost or price information, commercial strategies, production capabilities, or budget levels of the B&WOG or its suppliers.

- b. The information reveals data or material concerning the B&WOG research or development plans or programs of present or potential economic advantage to the B&WOG.
- c. The use of the information by a non-member would decrease his expenditures, in time or resources, in designing, producing or marketing a similar product.
- d. The information consists of test data or other similar data concerning a process, method or component, the application of which results in an economic advantage to the B&WOG.
- e. The information reveals special aspects of a process, method, component or the like, the exclusive use of which results in an economic advantage to the B&WOG.
- f. The information contains ideas for which patent protection may be sought.

The document(s) listed on Exhibit "A", which is attached hereto and made a part hereof, has been evaluated in accordance with the B&WOG procedures with respect to classification and has been found to contain information which falls within one or more of the criteria enumerated above. Exhibit "B", which is attached hereto and made a part hereof, specifically identifies the criteria applicable to the document(s) listed in Exhibit "A".

- (iii) The document(s) listed in Exhibit "A", which has been made available to the United States Nuclear Regulatory Commission was made available in confidence with a request that the document(s) and the information contained therein be withheld from public disclosure.
- (iv) The information is not available in the open literature and to the best of our knowledge is not known by other organizations with interests and activities similar to those of the B&WOG.

(v) Specific information with regard to whether public disclosure of the information is likely to cause economic harm to the position of the B&WOG, taking into account the value of the information to the B&WOG; the amount of effort or money expended by the B&WOG developing the information; and the ease or difficulty with which the information could be properly duplicated by others is given in Exhibit "B".

E. I have personally reviewed the document(s) listed on Exhibit "A" and have found that it is considered proprietary by the B&WOG because it contains information which falls within one or more of the criteria enumerated in Paragraph D, and it is information which is customarily held in confidence and protected as proprietary information by the B&WOG. This report comprises information utilized by the B&WOG in its business which afford the B&WOG an opportunity to obtain an economic advantage over those who may wish to know or use the information contained in the document(s).

  
Signature

State of Virginia)  
City of Lynchburg) SS. \_\_\_\_\_

J. H. Taylor, being duly sworn, on his oath deposes and says that he is the person who subscribed his name to the foregoing statement, and that the matters and facts set forth in the statement are true.

  
Signature

Subscribed and sworn before me  
This 21<sup>st</sup> day of October 1985.

Naomi M. Copes  
Notary Public in and for the City of  
Lynchburg, State of Virginia  
My Commission Expires April 15, 1988

EXHIBIT A

"Piping Material Properties for Leak-Before-Break Analysis", BAW-1889P, dated October, 1985.

EXHIBIT B

Description of Material

Applicable Criteria

The following information from BAW-1889P,  
October 1985 is considered proprietary  
and is so marked.

b, c, d, e

Page 4-1	Test Results
Page 4-2	" "
Page 4-3	" "
Page 4-4	" "
Page 4-5	Table 1
Page 4-6	Table 1 continued
Page 4-7 - 4-11	Table 2
Page 4-12	Table 3
Page 4-13	Table 3 continued
Page 4-14	Table 4
Page 4-15	Table 5
Page 4-17	Figure 1
Page 4-18	Figure 2
Page 4-19	Figure 3
Page 4-20	Figure 4
Page 4-21	Figure 5
Page 4-22	Figure 6
Appendix A	All
Appendix B	All
Appendix C	All