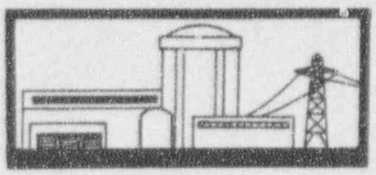
THE B&W OWNERS GROUP

Duke Power Company
Entergy Operations, Inc.
Florida Power Corporation
GPU 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
Bellefonte 1, 2

Working Together to Economically Provide Reliable and Safe Electrical Power

Suite 525 • 1700 Rockville Pike • Rockville, MD 20852 • (301) 230-2100

July 26, 1993
OG-1251

US Nuclear Regulatory Commission
Washington, DC 20555

Attention: Document Control Desk

Subject: B&W Owners Group Reactor Vessel Integrity Program

Reference: Letter from USNRC to S. A. Collard dated June 18, 1993. RAI - BWOG RVWG Low Upper Shelf Fracture Mechanics Analysis for Level C and D Loads

Attachment: Responses to RAI on BAW-2178P - Low Upper Shelf Toughness Fracture Mechanics Analysis for Level C and D Loads

Gentlemen:

Attached for your use are five copies of additional information on the B&W Owners Group Report BAW-2178P as requested in the reference RAI.

Should you need any additional information or require any assistance with your review of BAW-2178P, please call K. K. Yoon at (804)385-3280 or D. L. Howell at (804)385-3293.

Very truly yours,

DL Howell for SA Collard

S. A. Collard, Chairman
B&W Owners Group
Reactor Vessel Working Group

SAC/DLH/mcl

Attachment

cc: B. J. Elliot

280027

9307290213 930726
PDR TOPRP EMVBW
C PDR

A006
1/6

Reactor Vessel Working Group

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A. G. Panagos	- Commonwealth Edison Company
J. D. Gilreath	- Duke Power Company
D. N. Miskiewicz	- Florida Power Corporation
G. L. Lehmann	- GPU Nuclear Corporation
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J. Harrell	- Virginia Power Company
J. R. Pfefferle	- Wisconsin Electric Power Company
W. S. Hazelton	- Consultant
D. L. Howell	- B&W Nuclear Service Company

#ON-22852/00 (Continued)

These modifications do not affect the probabilities or consequences of the accidents listed above, but they do enhance plant response to conditions and transients. The purpose of this modification is to provide increased plant protection against these types of events.

A four position switch for control of the MDEFWPs automatic initiation (either low OTSG level or, low hydraulic control oil pressure of low MFP discharge pressure) is being installed to support operating conditions (startup and shutdown) where the station needs to bypass the low MFP start. The possibility does exist for the four position switch to be placed in the position which allows initiation of the MDEFWPs on low OTSG level only during plant operation. An Appendix R review has been initiated and the new components have been seismically qualified. The new components have also been environmentally qualified. This modification has been determined to involve no unreviewed safety questions.