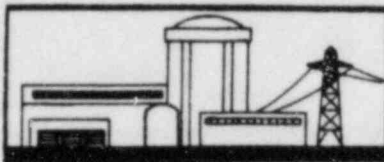


THE B&W OWNERS GROUP

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

September 6, 1985

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

Mr. David Moran
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: BAW Report, BAW-1875, "The B&W Owners Group Cavity Dosimetry Program,"
dated August 1985.

Dear Mr. Moran:

Enclosed are ten copies of the subject report. This report contains a description of the Cavity Dosimetry Program being conducted by the B&W Owners Group. It is intended that this program will provide a demonstration of the ability to accurately determine reactor vessel fluence from ex-vessel measurements taken in the cavity region. This report is being submitted by the Babcock & Wilcox Company on behalf of the B&W Owners Group and the following Utilities:

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

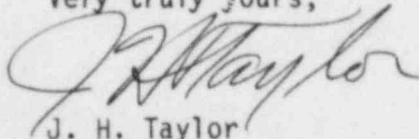
The NRC is requested to review this report and provide their concurrence by June 1, 1986 that the B&W Owners Group Cavity Dosimetry Program, when successfully completed, will provide acceptable methods for determining vessel fluence from ex-vessel measurements. This program was reviewed with NRC staff and consultants on June 27, 1985.

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PDR ADCK 05000269
PDR

C002
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Should you have any questions, please contact Mr. C. J. Hudson (804) 385-2550.

Very truly yours,



J. H. Taylor
Manager
Licensing Services

JHT/leh

Enclosures

cc: w/encl.

B. J. Elliot - NRC
L. Lois - NRC
P. N. Randall - NRC
G. Vissing - NRC