

6/27/76

Docket Nos. 50-329
50-330

Consumers Power Company
ATTN: Mr. Stephen H. Howell
Vice President
212 West Michigan Avenue
Jackson, Michigan 49201

THIS DOCUMENT CONTAINS
POOR QUALITY PAGES

Gentlemen:

This letter is to inform you of recent events and conclusions concerning our generic review of Anticipated Transients Without Scram (ATWS) as they relate to the Midland Plant, Units 1 and 2.

As you know, upon the publication of our report on ATWS in September 1973 (WASH-1270), we sent you a letter on October 9, 1973, requesting analysis of ATWS in compliance with WASH-1270 as it applied to your facility. Your response of January 3, 1975, indicated that you were referencing the Babcock & Wilcox topical report, BAW-10099, "Babcock & Wilcox Anticipated Transients Without Scram Analysis." You further stated that BAW-10099 demonstrates that no modifications are required for your facility to mitigate the consequences of ATWS.

You are probably aware that the NRC staff and Babcock & Wilcox personnel have been engaged in an extensive effort to resolve our differences concerning the referenced Babcock & Wilcox topical report. We published our Status Report (Enclosure 1) on December 9, 1975, wherein we stated that additional analyses and justification of the Babcock & Wilcox A analysis model are needed and that changes in typical Babcock & Wilcox plant designs are indicated. At the 189th Meeting of the Advisory Committee on Reactor Safeguards, the ATWS issue and our Status Reports were reviewed in conjunction with the staff and Babcock & Wilcox.

We now consider our review of the Babcock & Wilcox ATWS methods to be complete and our position clearly and adequately presented in the Status R Report. We have written to Babcock & Wilcox (Enclosure 2) informing them that we expect by June 30, 1976 they can provide us with acceptable additional analyses and justification of the Babcock & Wilcox analysis model as identified in our Status Report. Therefore, we request that you provide by December 30, 1976, the following information:

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- a. The additional analyses and justification of the Babcock & Wilcox analysis model identified in the Status Report. (We anticipate that you will reference the generic June 30, 1976 Babcock & Wilcox analysis model.)
- b. Based on these analyses, identification of the design changes needed to assure that the limits specified in WASH-1270 will not be violated following an ATWS event.

We expect, of course, that the detailed description of the design changes will be included in your Final Safety Analysis Report.

We have established the above schedules for the submittal of the required information to emphasize our determination to move forward to resolve the ATWS concern and conclude the lengthy deliberations that have taken place among all parties. We expect your efforts will be directed to this same end, and if you have any questions regarding this letter, please let me know.

This request for generic information was approved by GAO under a blanket clearance number B-180225 (R0072). This clearance expires July 31, 1977.

Sincerely,

Original signed by:
Roger S. Boyd

Roger S. Boyd, Director
Division of Project Management

Enclosures:

- 1. Status Report
- 2. Letter to Babcock & Wilcox Company

OFFICE →	LWR-2 <i>MS</i>	LWR-2 <i>LC</i>	LWR-2 <i>KK</i>	OE/D <i>[Signature]</i>	AD/WRS	0: DPM
SURNAME →	MService:ng	LCrocker	KKniel	<i>RKH</i> Haselring	RCDeYoung	RSBoyd
DATE →	5/13/76	5/13/76	5/18/76	5/16/76	5/19/76	5/27/76

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Project Manager: *Crocker*