



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
799 ROOSEVELT ROAD  
GLEN ELLYN, ILLINOIS 60137

TIC

AUG 14 1980

Docket No. 50-329  
Docket No. 50-330

Consumers Power Company  
ATTN: Mr. Stephen H. Howell  
Vice President  
1945 West Parnall Road  
Jackson, MI 49201

Gentlemen:

Thank you for your interim report dated July 31, 1980, pursuant to 10 CFR 50.55(e) regarding Safe Shutdown Boration Capability. We will review your final report on this matter upon receipt.

Your cooperation with us is appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Gaston Fiorelli".

Gaston Fiorelli, Chief  
Reactor Construction and  
Engineering Support Branch

cc: Director, RCI/II  
Director, AEQD  
Chief, OEB/MPA  
IE Files

cc w/ltr dtd 7/31/80:  
Central Files  
PDR  
Local PDR  
NSIC  
Ronald Callen, Michigan Public  
Service Commission  
Myron M. Cherry, Chicago

8009030 654

Fiorelli



**Consumers  
Power  
Company**

James W Cook  
Vice President, Midland Project

General Offices: 1945 West Parnall Road, Jackson, Michigan 49201 • (517) 788-0640

July 31, 1980

Mr J G Keppler, Regional Director  
Office of Inspection and Enforcement  
US Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137

MIDLAND NUCLEAR PLANT  
UNIT NO 1, DOCKET NO 50-329  
UNIT NO 2, DOCKET NO 50-330  
SAFE SHUTDOWN BORATION CAPABILITY  
FILE: 0.4.9.36 UFI: 73\*10\*01 SERIAL: 8807

References: S H Howell letters to J G Keppler; Midland Nuclear Plant;  
Unit No 1, Docket No 50-329; Unit No 2, Docket No 50-330;  
Safe Shutdown Boration Capability;

- 1) Serial Howe-283-79; dated October 21, 1979
- 2) Serial Howe-308-79; dated December 6, 1979
- 3) Serial Howe-73-80; dated April 11, 1980

This letter, as were the referenced letters, is an interim 50.55(e) report regarding safe shutdown capability assuming a most restrictive core condition and the control rod of highest worth stuck out of the core.

The design criteria and the system details have been reviewed and agreed upon by CPCo, Bechtel and B&W.

Engineering and procurement activities to date are listed below:

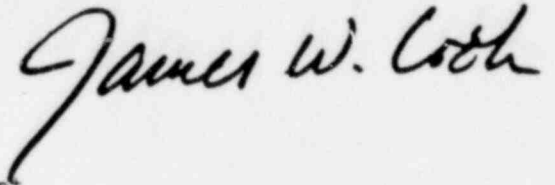
- 1. The system summary description has been reviewed and commented on by CPCo and B&W
- 2. Bechtel has issued P&ID Drawing M-782, which is currently being reviewed by CPCo and B&W
- 3. An order for two (2) 2300 gallon ASME Section III Class 2 Boric Acid Tanks (with redundant heaters) has been placed with Richard Engineering Company (RECO)
- 4. An order has been placed for two (2) ASME Section III Class 2 pumps for recirculation of the emergency boration tank contents.

System turnover to CPCo is presently scheduled for November 1982.

*Done  
8/20/80  
2PP*

**AUG 6 1980**

Another report, either interim or final, will be sent on or before October 31, 1980.

A handwritten signature in cursive script that reads "James W. Coth". The signature is written in dark ink and is positioned to the right of the typed text.

GRE/ch

CC Director of Office of Inspection & Enforcement  
ATT Mr Victor Stello, USNRC (15)

Director, Office of Management  
Information & Program Control, USNRC (1)