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RELATED CORRESPONDENCE

October 23, 1979

Ivan W. Smith, Esq.
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Mr. Gustave A. Linenberger
Atomic Safety and Licensing Bd. Panel
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dr. Frederick P. Cowan
Apt. B-125
6152 North Verde Trail
Boca Raton, Florida 33433

Re: Consumers Power Company
(Midland Plant, Units 1 and 2)
Docket Nos. 50-329, 50-330

Gentlemen:

Enclosed are two § 50.55(e) reports which have recently been submitted by Consumers Power Company to the Nuclear Regulatory Commission.

Very Truly yours,

Martha E. Gibbs

MEG:cem
Enclosures

cc: Service List w/
Enclosures

DOCKETED USNRC OCT 25 1979 Office of the Secretary Docketing & Service Section

1382 167

7911210 185

Consumers Power Company

RELATED CORRESPONDENCE

Stephen H. Howell
Senior Vice President

General Offices: 1945 West Parnall Road, Jackson, Michigan 49201 • (517) 788-0453

October 19, 1979
Howe-271-79

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
SMALL BREAK/REACTOR COOLANT PUMP OPERATION INTERACTION

Reference: S H Howell letter to J G Keppler; Midland Nuclear Plant; Unit No 1, Docket No 50-329; Unit No 2, Docket No 50-330; Small Break/Reactor Coolant Pump Operation Interaction; Serial Howe-221-79; dated August 15, 1979

In accordance with the requirements of 10 CFR 50.55(e), this letter constitutes a second interim report concerning a potentially unsafe situation with respect to the tripping of reactor coolant pumps during certain primary system high void fraction conditions. This situation was described in reference 1.

After careful study of the B&W analysis of this condition, and based upon their recommendation, CPCo has decided to incorporate a safety grade automatic reactor coolant pump trip system in the Midland design which will ensure 10 CFR 50 Appendix K criteria will be met during all postulated small break scenarios. On September 14, 1979, B&W was authorized to develop design criteria and trip logic, and Bechtel was instructed to proceed with design and procurement. The schedule for completion of this effort is under development.

Another report, either interim or final, will be submitted on or before February 8, 1980.

Stephen H Howell

1382 168

WRB/lr

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

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

DUPLICATE

7910240594

BCC: JLBacon, M-1085A
RCBauman, P14-412
WRBird, JSC-216B
JLCorley, Midland
LHCurtis, Bechtel AA
GSKeeley, P14-408B
CEMahaney, B&W
EWMarguglio, JSC-220A
DBMiller, Midland
JARutgers, Bechtel AA
TJSullivan, P24-624A
MEGibbs, IL&B
File: 0.4.9.28

1382 169

Consumers Power Company

Stephen H. Howell
Senior Vice President

General Offices: 1945 West Parnall Road, Jackson, Michigan 49201 • (517) 788-0453

October 19, 1979
Howe-272-79

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Office of Inspection and Enforcement
US Nuclear Regulatory Commission
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799 Roosevelt Road
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MIDLAND NUCLEAR PLANT
UNIT NO 1, DOCKET NO 50-329
UNIT NO 2, DOCKET NO 50-330
REACTOR BUILDING SPRAY PIPING SUPPORTS

References: 1) S H Howell letter to J G Keppler; Midland Nuclear Plant; Unit No 1, Docket No 50-329; Unit No 2, Docket No 50-330; Reactor Building Spray Piping Supports; Serial Howe-131-79; dated May 1, 1979

2) G Fiorelli letter to S H Howell; Docket No 50-329 and Docket No 50-330; dated May 23, 1979

Reference 1 was a final 50.55(e) report on the analysis of Reactor Building Spray Piping Supports. Subsequent to the final report, we determined that further verifications were required in that there were apparent variances from the design drawings for the six ring girder anchors installed in Unit 2, and we advised you of this condition via a telecon on May 18, 1979. Reference 2 is your acknowledgment that we required further review of this matter.

As identified previously, there are 16 anchors per unit. Ten anchors are located directly on the dome with the remaining six anchors per unit located on the appropriate unit's ring girder. As identified in the previous reports, it was believed that the 10 dome anchors in Unit 1 and all Unit 2 anchors had been installed according to design drawings. Subsequent to finding the variances in the six ring girder anchors, a review of field inspection reports indicated that the six ring girder anchors had not been inspected and that the 10 dome anchors, per unit, had been inspected including a walkdown by the Engineering Stress Group.

As-installed dimensional details of the Unit 2 ring girder anchors were forwarded to ITT Grinnell for analysis on September 14, 1979. Additional actions are as follows:

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DUPLICATE

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1) ITT Grinnell analysis of the Unit 2 anchors is scheduled to be completed by November 5, 1979.

2) Proposed disposition of the identified discrepancies will therefore be determined after receipt of the results of the Grinnell analysis.

3) For the six Unit 1 ring girder anchors which have not been installed, there will most likely be a need for modification of the original design, which will be processed through established project procedures during installation.

Another report will be provided on or before December 21, 1979.

WRB/lr

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

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

BCC: JLBacon, M-1085A
RCBauman, P14-412
WRBird, JSC-216B
TCCocke, Midland
JLCorley, Midland
LHCurtis, Bechtel AA
LADreisbach, Bechtel-Midland
WFDickson, Midland
GSKeeley, P14-408B
BWMarguglio, JSC-220A
DBMiller, Midland
JARutgers, Bechtel AA
MEGibbs, IL&B
File: 0.4.9.17

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