

May 10, 1990

Docket No. 50-255
Serial No. PAL-90-030

Mr. Kenneth W. Berry
Director, Nuclear Licensing
Consumers Power Company
1945 West Parnall Road
Jackson, Michigan 49201

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Dear Mr. Berry:

SUBJECT: POTENTIAL LOSS OF REQUIRED SHUTDOWN MARGIN - BULLETIN 89-03
(TAC 75442)

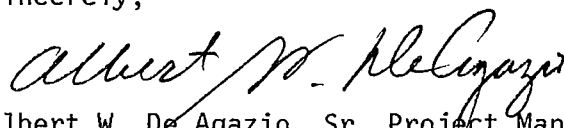
On November 21, 1989, the NRC issued Bulletin 89-03, "Potential Loss of Required Shutdown Margin During Refueling Operations." The bulletin requested that you take certain actions to ensure that adequate shutdown margin is maintained during refueling operations. Three actions were identified:

1. Assure that any intermediate fuel assembly configuration (including control rods) intended to be used during refueling is identified and evaluated to maintain sufficient refueling shutdown boron concentration to result in a minimum shutdown margin of 5%.
2. Assure that fuel loading procedures allow only those intermediate fuel assembly configurations that do not violate the allowable shutdown margin and that those procedures are adhered to strictly.
3. Assure that the staff responsible for refueling operations is trained in the procedures recommended in item 2 above and understands the potential consequences of violating these procedures. The training should include the fundamentals of criticality control with enriched fuel assemblies.

By letter dated February 1, 1990, Consumers Power Company (CPCo) responded to Bulletin 89-03 and indicated that the programs will be implemented prior to the 1990 refueling outage to address the three actions described above. The NRC considers CPCo's response to this bulletin satisfactory.

CPCo is requested to inform the Commission, in writing, of any change to the implementation schedule. CPCo also is requested to inform the Commission, in writing, when the action has actually been implemented.

Sincerely,



Albert W. De Agazio, Sr. Project Manager
Project Directorate III-1
Division of Reactor Projects - III
IV, V & Special Projects
Office of Nuclear Reactor Regulation

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PDR ADOCK 05000255
Q PDC

cc: DLaBarge

PM/PD31:DRSP (A)D/PD31:DRSP
ADeAgazio DDiIanni
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

May 10, 1990

Docket No. 50-255
Serial No. PAL-90-030

Mr. Kenneth W. Berry
Director, Nuclear Licensing
Consumers Power Company
1945 West Parnall Road
Jackson, Michigan 49201

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SUBJECT: POTENTIAL LOSS OF REQUIRED SHUTDOWN MARGIN - BULLETIN 89-03
(TAC 75442)

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Sincerely,

A handwritten signature in cursive script, reading "Albert W. De Agazio, Sr.", written in dark ink.

Albert W. De Agazio, Sr. Project Manager
Project Directorate III-1
Division of Reactor Projects - III
IV, V & Special Projects
Office of Nuclear Reactor Regulation

cc: DLaBarge

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cc:

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