



**Consumers
Power**

**POWERING
MICHIGAN'S PROGRESS**

Kenneth W Berry
Director
Nuclear Licensing

General Offices: 1945 West Parnall Road, Jackson, MI 49201 • (517) 788-1636

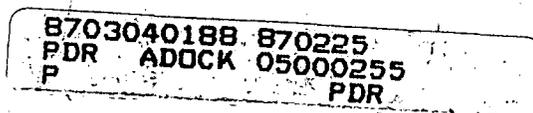
February 25, 1987

Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

DOCKET 50-255 - LICENSE DPR-20 - PALISADES PLANT -
TECHNICAL SPECIFICATIONS CHANGE REQUEST -
RECIRCULATION ACTUATION SYSTEM ACTUATION LOGIC

Attached is a proposed change to the Palisades Technical Specifications. The proposed change is a result of revisions to the Recirculation Actuation System (RAS) logic from a two-out-of-four logic to one-out-of-two taken twice. Consumers Power Company letter of September 18, 1986, LER 86-034 described a design deficiency that could have resulted in no engineered safeguard system pumps delivering water assuming a specific sequence of events. This specific scenario coupled with a failure of the 125 Volt DC bus would have satisfied the two-out-of-four RAS actuation logic which would align the engineered safeguards pumps suction to the containment sump. If event timing were worst case, the sump would be dry thus causing loss of suction and possible pump failure. The RAS actuation logic has been changed from two-out-of-four to one-out-of-two taken twice which removes this single failure potential. A 125 Volt DC failure would now only satisfy half of the logic scheme and still require one of the remaining two instruments to actuate on low safety injection and refueling water (SIRW) tank level.

Also requested in the proposed changes is an administrative change to delete a statement in the basis section of specification 3.17 that describes a turbine runback feature that has been disabled and approved in Amendment 31 issued November 1, 1977.



OC0287-0211-NL04

*App 1
w/ check
\$150.00*

Nuclear Regulatory Commission
Palisades Plant
TSCR - Recirculation Actuation System
February 25, 1987

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Consumers Power Company will commit to use these proposed changes as though they are requirements and amend our administrative procedures to reflect this change request.

As required by 10CFR170.12, a check in the amount of \$150.00 is enclosed.

A handwritten signature in cursive script, appearing to read "Kenneth W. Berry", followed by the word "for" in a similar script.

Kenneth W Berry
Director, Nuclear Licensing

CC Administrator, Region III, NRC
NRC Resident Inspector - Palisades

Attachment