

January 10, 1995

Mr. Kurt M. Haas
Plant Safety and Licensing Director
Palisades Plant
27780 Blue Star Memorial Highway
Covert, MI 49043

SUBJECT: PALISADES PLANT - CORRECTION TO AMENDMENT NO. 137 RE: CYCLE 9 FUEL
RELOAD (TAC NOS. M77576 AND M77670)

Dear Mr. Haas:

In response to your letter of October 31, 1994, requesting an administrative correction to the Palisades technical specifications (TS), we have confirmed the need for the following corrections. On February 20, 1991, the Commission issued Amendment No. 137 to Facility Operating License No. DPR-20 for the Palisades Plant. This amendment inadvertently restored portions of the TS and bases on pages 3-1b, 3-1c, and 3-2 which had been deleted in an earlier Amendment No. 134 dated January 25, 1991. TS page 3-1b has been corrected by the issuance of Amendment No. 161 on August 12, 1994. TS pages 3-1c and 3-2 have been corrected to reflect both Amendments 134 and 137.

Please insert the enclosed corrected TS pages 3-1c and 3-2 into the Palisades TS.

Sincerely,

ORIGINAL SIGNED BY

Marsha K. Gamberoni, Project Manager
Project Directorate III-1
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

Docket No. 50-255

Enclosures: TS pages 3-1c & 3-2

cc w/encl: See next page

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NAME	CJamerson	MGamberoni	JHannon
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Mr. Kurt M. Haas
Consumers Power Company

Palisades Plant

cc:

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DATED: January 10, 1995

CORRECTION TO AMENDMENT NO. 137 TO FACILITY OPERATING LICENSE NO. DPR-20-PALISADES

Docket File

PUBLIC

PDIII-1 Reading

J. Roe

J. Hannon

C. Jamerson

M. Gamberoni

OGC-WF

G. Hill (2), T/5C3

C. Grimes, O-11F23

ACRS (4), T/2E26

OPA, O/2G5

OC/LFDCB

W. Kropp, RIII

3.1.1 Operable Components (Continued)

- f. Nominal primary system operation pressure shall not exceed 2100 psia.
- g. The reactor inlet temperature (indicated) shall not exceed the value given by the following equation at steady state power operation:

$$T_{inlet} \leq 542.99 + .0580(P-2060) + 0.00001(P-2060)**2 + 1.125(W-138) - 0.0205(W-138)**2$$

Where: T_{inlet} = reactor inlet temperature in °F
 P = nominal operating pressure in psia
 W = total recirculating mass flow in 10^6 lb/h corrected to the operating temperature conditions.

When the ASI exceeds the limits specified in Figure 3.0, within 15 minutes, initiate corrective actions to restore the ASI to the acceptable region. Restore the ASI to acceptable values within one hour or be at less than 70% of rated power within the following two hours.

If the measured primary coolant system flow rate is greater than 150 M lbm/hr, the maximum inlet temperature shall be less than or equal to the T_{inlet} LCO at 150 M lbm/hr.

3-1c

Amendment No. ~~31~~, ~~51~~, ~~85~~, ~~117~~, ~~118~~, ~~134~~, 137

Corrected January 10, 1995

PRIMARY COOLANT SYSTEM (cont'd)Basis (Cont'd)

The FSAR safety analysis was performed assuming four primary coolant pumps were operating for accidents that occur during reactor operation. Therefore, reactor startup above hot shutdown is not permitted unless all four primary coolant pumps are operating. Operation with three primary coolant pumps is permitted for a limited time to allow the restart of a stopped pump or for reactor internals vibration monitoring and testing.

Requiring the plant to be in hot shutdown with the reactor tripped from the C-06 panel, opening the 42-01 and 42-02 circuit breakers, assures an inadvertent rod bank withdrawal will not be initiated by the control room operator. Both steam generators are required to be operable whenever the temperature of the primary coolant is greater than the design temperature of the shutdown cooling system to assure a redundant heat removal system for the reactor.

The transient analyses were performed assuming a vessel flow at hot zero power (532°F) of 140.7×10^6 lb/hr minus 6% to account for flow measurement uncertainty and core flow bypass. A DNB analysis was performed in a parametric fashion to determine the core inlet temperature as a function of pressure and flow for which the minimum DNBR is equal to the DNB correlation safety limit. This analysis includes the following uncertainties and allowances: 2% of rated power for power