

Mr. Richard R. Grigg
Chief Nuclear Officer
Wisconsin Electric Power Company
231 West Michigan Street, Room P379
Milwaukee, WI 53201

July 31, 1997

SUBJECT: POINT BEACH NUCLEAR PLANT, UNIT NOS. 1 AND 2 - CORRECTION LETTER
FOR TECHNICAL SPECIFICATION AMENDMENTS 173 AND 177 (TAC NOS.
M95682, M95683, M95697, AND M95698)

Dear Mr. Grigg:

On July 1, 1997, the Commission issued Amendment Nos. 173 and 177 to Facility Operating License Nos. DPR-24 and DPR-27 for the Point Beach Nuclear Plant, Unit Nos. 1 and 2, respectively. The amendments consisted of changes to the Technical Specifications (TS) in response to your applications dated June 4, 1996 (two applications), as supplemented August 5, September 26, October 21, November 13, November 20, and December 2, 1996, and January 16, March 20, and April 2, 1997. Your June 4, 1996, application (TS Change Request 189) requested changes to page 15.2.3-3. These changes included moving the current cycle specific parameters for Unit 1 applicable for the remainder of the current cycle (prior to U1R24) to a footnote. The value of K_4 included in the TS page markup was ≤ 1.09 of rated power. As stated in your application "From the time this TSCR is implemented until U1R24, however, Unit 1 will be operating with the existing setpoints." In processing the change, the value used was the value consistent with the markup rather the approved value of ≤ 1.089 . Since it was not your intent to change the Unit 1 parameters and since the safety evaluation did not review this as a change, the change is considered a typographical error. The corrected page 15.2.3-3 is enclosed.

Sincerely,

ORIGINAL SIGNED BY
Linda L. Gundrum, Project Manager
Project Directorate III-1
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

Docket Nos. 50-266
and 50-301

Enclosure: Corrected Page 15.2.3-3

cc w/encl: See next page

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Mr. Richard R. Grigg
Wisconsin Electric Power Company

Point Beach Nuclear Plant
Unit Nos. 1 and 2

cc:

Ernest L. Blake, Jr.
Shaw, Pittman, Potts & Trowbridge
2300 N Street, N.W.
Washington, DC 20037

Mr. Scott A. Patulski
Vice President
Point Beach Nuclear Plant
Wisconsin Electric Power Company
6610 Nuclear Road
Two Rivers, Wisconsin 54241

Mr. Ken Duveneck
Town Chairman
Town of Two Creeks
13017 State Highway 42
Mishicot, Wisconsin 54228

Chairman
Public Service Commission
of Wisconsin
P.O. Box 7854
Madison, Wisconsin 53707-7854

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
801 Warrenville Road
Lisle, Illinois 60532-4351

Resident Inspector's Office
U.S. Nuclear Regulatory Commission
6612 Nuclear Road
Two Rivers, Wisconsin 54241

Ms. Sarah Jenkins
Electric Division
Public Service Commission of Wisconsin
P.O. Box 7854
Madison, Wisconsin 53707-7854

- (c) for each percent that the magnitude of $q_t - q_b$ exceeds -17 percent, the ΔT trip setpoint shall be automatically reduced by an equivalent of 2.0 percent of rated power.

$$(5) \quad \text{Overpower } \Delta T \left(\frac{1}{1+\tau_3 S} \right) \\ \leq \Delta T_o \left[K_4 - K_5 \left(\frac{\tau_5 S}{\tau_5 S + 1} \right) \left(\frac{1}{1+\tau_4 S} \right) T - K_6 \left[T \left(\frac{1}{1+\tau_4 S} \right) - T' \right] \right]$$

where (values are applicable to operation at both 2000 psia and 2250 psia)

ΔT_o = indicated ΔT at rated power, °F
 T = average temperature, °F
 T' \leq 572.9°F*
 K_4 \leq 1.09 of rated power*
 K_5 = 0.0262 for increasing T
 = 0.0 for decreasing T
 K_6 = 0.00123 for $T \geq T'$
 = 0.0 for $T < T'$
 τ_5 = 10 sec
 τ_3 = 2 sec for Rosemont or equivalent RTD
 = 0 sec for Sostman or equivalent RTD
 τ_4 = 2 sec for Rosemont or equivalent RTD
 = 0 sec for Sostman or equivalent RTD

- (6) Undervoltage - ≥ 75 percent of normal voltage
- (7) Indicated reactor coolant flow per loop - ≥ 90 percent of normal indicated loop flow
- (8) Reactor coolant pump motor breaker open
- (a) Low frequency set point ≥ 55.0 HZ
- (b) Low voltage set point ≥ 75 percent of normal voltage.

* These values apply to Unit 2 following U2R22 and to Unit 1 following U1R24. Prior to U1R24, the values for Unit 1 are: $T' \leq 573.9^\circ\text{F}$ and $K_4 \leq 1.089$ of rated power.

Unit 1 - Amendment No. ~~142~~, 173

Unit 2 - Amendment No. ~~146~~, 177