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VPNPD-92-150

April 13, 1992

State of Wisconsin
Department of Natural Resources
WPDES Permit Section
Post Office Box 7921
Madison, Wisconsin 53707

Gentlemen:

WPDES PERMIT WI-0000957-4
POINT BEACH NUCLEAR PLANT

On March 6, 1992, Wisconsin Electric notified the Department that the daily maximum total residual chlorine (TRC) effluent limitation was exceeded at the Point Beach Nuclear Plant (PBNP). The TRC concentration in the Unit 1 cooling water discharge (outfall 001) was 0.71 mg/l on March 4, 1992.

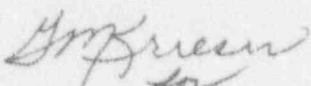
Cause of Incident

The limitation was caused by a malfunction of the chlorination pump stroke adjustment control which allowed the rate of sodium hypochlorite addition to increase to the maximum pumping rate. The amount of dechlorination chemical was not sufficient to reduce the TRC below the permit limit of 0.2 mg/l.

Corrective Action Taken to Prevent Recurrence of Incident

A maintenance work request was initiated to repair the pump stroke adjustment control. In the interim, the stroke adjustment control has been tightly locked to keep it from changing during pump operation. Also, a formal change is being made to PBNP's Chemical Analytical Methods and Procedures ("CAMP 009") to ensure that the system operator verifies that the adjustment control is locked. The system has operated within permit limits since the March 4, 1992 TRC limitation exceedance.

Sincerely,


James J. Zach
Vice President
Nuclear Power

Copies to: DNR Lake Michigan District
NRC Document Control Desk
NRC Regional Administrator, Region III

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