



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

Docket

50-266

October 16, 1995

Mr. Robert E. Link, Vice President
Nuclear Power Department
Wisconsin Electric Power Company
231 West Michigan Street, Room P379
Milwaukee, WI 53201

SUBJECT: STATION BLACKOUT MODIFICATION, POINT BEACH NUCLEAR PLANT,
UNITS 1 AND 2 (TAC NOS. M90613 AND M90614)

Dear Mr. Link:

The NRC safety evaluations dated October 3, 1990, and March 22, 1991, for Point Beach Nuclear Plant (PBNP) for the station blackout (SBO) rule stated that you needed to reevaluate the SBO coping duration after the installation of additional emergency diesel generators (EDGs). On September 22, 1994, you submitted that reevaluation. You are in compliance with the SBO rule by using the onsite gas turbine generator as an alternate ac (AAC) power source. You concluded that the new EDGs will provide additional flexibility for AAC power and emergency ac (EAC) power configurations.

In response to the NRC staff's concern regarding the EAC classification of group "A" (expressed during a telephone conference in December 1994), you agreed to reevaluate the EAC classification group and to revise its SBO evaluation as needed. By letter dated June 14, 1995, you submitted the revised SBO evaluation to address the staff's concerns. You changed the extremely severe weather (ESW) classification group for PBNP from "ESW4" to "ESW2" and, as a result, the SBO coping duration was reduced from 8 hours to 4 hours.

The staff's analysis is provided in the attached Safety Evaluation. On the basis of its review, the staff agrees with you that (1) the SBO coping duration at PBNP will be 4 hours (EAC classification group "C," EDG target reliability 0.95 or 0.975, and ESW classification group "ESW2") once the EDG modifications are completed (the new EDGs will provide additional flexibility for AAC power and EAC power configurations); and (2) without consideration of the new EDGs, the SBO coping duration will be 4 hours based on the change of ESW classification group from "ESW4" to "ESW2," EDG classification group "D," and EDG target reliability of 0.975.

100099

NRG FILE CENTER COPY

9510200194 951016
PDR ADOCK 05000266
P PDR

QF01
11

R. Link

- 2 -

This completes the staff review under TACs M90613 and M90614. Please contact me if you have any questions concerning this issue.

Sincerely,

original signed by

Allen G. Hansen, Project Manager
Project Directorate III-3
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

Docket Nos. 50-266
and 50-301

Enclosure: Safety Evaluation

cc: See next page

Distribution w/encl:

Docket File TKobetz, RIII
PUBLIC ACRS
PD3-3 Reading WAxelsson, RIII
JRoe APal
GMarcus OGC

DOCUMENT NAME:G:\PTBEACH\PTB90613.LTR

To receive a copy of this document, indicate in the box: "C" = Copy without enclosures "E" = Copy with enclosures
"N" = No copy

OFFICE	PD33-LA	<input checked="" type="checkbox"/>	PD33:PM	<input checked="" type="checkbox"/>
NAME	DFoster-Curseen		AHansen	
DATE	10/16/95		10/16/95	

OFFICIAL RECORD COPY

R. Link

- 2 -

This completes the staff review under TACs M90613 and M90614. Please contact me if you have any questions concerning this issue.

Sincerely,



Allen G. Hansen, Project Manager
Project Directorate III-3
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

Docket Nos. 50-266
and 50-301

Enclosure: Safety Evaluation

cc: See next page

Mr. Robert E. Link, Vice President
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. Gregory J. Maxfield, Manager
Point Beach Nuclear Plant
Wisconsin Electric Power Company
6610 Nuclear Road
Two Rivers, Wisconsin 54241

Town Chairman
Town of Two Creeks
Route 3
Two Rivers, Wisconsin 54241

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

Regional Administrator
U.S. NRC, Region III
801 Warrenville Road
Lisle, Illinois 60532-4531

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