

May 27, 1994

Docket No. 50-155

Mr. Patrick M. Donnelly, Plant Manager
Big Rock Point Plant
Consumers Power Company
10269 U.S. 31 North
Charlevoix, Michigan 49201

Dear Mr. Donnelly:

SUBJECT: BIG ROCK POINT PLANT - CHANGE TO ALTERNATE SHUTDOWN BATTERY
TECHNICAL SPECIFICATION BASIS

By letter dated April 21, 1994, you requested a change to the Technical Specification (TS) Bases for the Big Rock Point Plant. This change was requested to correct a discrepancy between the updated Final Hazards Summary Report (FHSR), section 8.4.2.2 and the basis for the alternate shutdown battery sizing in TS 11.4.5.3. This discrepancy was noted during the Electrical Distribution System Safety Functional Inspection conducted by the NRC in the fall of 1992. The change to the TS was proposed prior to completion of the sizing calculation and was submitted with an incorrect temperature/duration value. You have determined that the FHSR is correct and have updated the TS basis to reflect the correct value.

The NRC finds your proposed change acceptable and has enclosed a corrected Basis page for the Big Rock Point Plant alternate shutdown battery TS.

Sincerely,

Original signed by

Leonard N. Olshan, Project Manager
Project Directorate III-1
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

Enclosure:
Corrected TS Basis page

cc w/enclosure:
See next page

OFFICE	LA:PD31	PM:PD31	BC:EE/LB	D:PD31
NAME	CJamerson	LOlshan:	CBerlinger	LBMarsh
DATE	05/19/94	05/27/94	05/16/94	05/27/94

OFFICIAL RECORD COPY FILENAME: G:\WPDOCS\BIGROCK\BRP94421.BAS

9406080204 940527
PDR ADOCK 05000155
P PDR

000050

NRC FILE CENTER COPY

DFD

Mr. Patrick M. Donnelly, Plant Manager
cc:

Big Rock Point Nuclear Plant

Mr. Thomas A. McNish, Secretary
Consumers Power Company
212 West Michigan Avenue
Jackson, Michigan 49201

Judd L. Bacon, Esquire
Consumers Power Company
212 West Michigan Avenue
Jackson, Michigan 49201

Jane E. Brannon, County Clerk
County Building Annex
203 Antrim Street
Charlevoix, Michigan 49720

Office of the Governor
Room 1 - Capitol Building
Lansing, Michigan 48913

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

Nuclear Facilities and Environmental
Monitoring Section Office
Division of Radiological Health
Department of Public Health
3423 N. Logan Street
P. O. Box 30195
Lansing, Michigan 48909

U.S. Nuclear Regulatory Commission
Resident Inspector Office
Big Rock Point Plant
10253 U.S. 31 North
Charlevoix, Michigan 49720

Mr. Robert A. Fenech, Vice President
Nuclear Operations
Consumers Power Company
Palisades Plant
27780 Blue Star Memorial Hwy.
Covert, Michigan 49043

Bases (Contd)

sustaining its outputs for one hour. The Station Battery has adequate capacity to supply and maintain in an operable status all of the emergency loads during a Loss of Coolant Accident plus an assumed Loss of AC Power for two hours. The station battery and the four (4) RDS batteries will be considered operable if they are essentially fully charged and the battery charger is in service. Additionally, prior to the startup following the 1977 refueling outage, successful completion of service testing and performance discharge testing within each operating cycle and each sixty months, respectively, will further establish battery reliability.

An alternate shutdown battery supplies power to the main steam isolation valve, the emergency condenser outlet valves and other alternate shutdown equipment. The battery is sized so that loss of the charger does not affect operability of the battery. The ASD battery is sized to, without support from its charger, operate associated continuous loads for nine (9) days followed by three (3) days of fire protection loads, with a battery cell temperature of 25°F. /
/

DATED: May 27, 1994

BASES PAGE FOR BIG ROCK POINT PLANT TS

Docket File

NRC & Local PDRs

PDIII-1 Reading

J. Roe

J. Zwolinski

L. Marsh

C. Jamerson

L. Olshan

OGC-WF

D. Hagan, 3302 MNBB

G. Hill (2), T-5 C3

C. Grimes, 11/F/23

C. Berlinger, 7/E/4

ACRS (10)

OPA

OC/LFDCB

M. Phillips, R-111

cc: Plant Service list