



Big Rock Point Nuclear Plant, 10269 US-31 North, Charlevoix, MI 49720

Patrick M Donnelly
Plant Manager

April 21, 1994

Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

DOCKET 50-155 - LICENSE DPR-6 - BIG ROCK POINT PLANT - CHANGE TO THE ALTERNATE SHUTDOWN BATTERY TECHNICAL SPECIFICATION BASIS; SECTION 11.4.5.3.

During the Electrical Distribution System Safety Functional Inspection conducted by the Nuclear Regulatory Commission during the fall of 1992, it was recognized that the basis for the Alternate Shutdown battery sizing in Technical Specification 11.4.5.3 did not agree with the updated Final Hazards Summary Report (FHSR); section 8.4.2.2. The change to the Technical Specification was proposed prior to completion of the sizing calculation (9/30/85 vs 10/16/85) and was submitted with an erroneous temperature/duration value. The FHSR has been determined by the Big Rock Point staff to be correct. Therefore, Consumers Power Company respectfully requests that the Office of Nuclear Reactor Regulation issue the corrected (attached) Technical Specification Basis. This will correct the discrepancy noted between the Facility Technical Specifications and the FHSR.

Patrick M Donnelly
Plant Manager

CC: Administrator, Region III, USNRC
NRC Resident Inspector - Big Rock Point

ATTACHMENTS

9404270091 940421
PDR ADOCK 05000155
P PDR

CMS ENERGY COMPANY

ADD

ATTACHMENT 1

Consumers Power Company
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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 for up to six (6) days at a minimum of 25°F (nine (9) days at a minimum of 40°F).