



Northern States Power Company

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May 4, 1988

Director of Nuclear Reactor Regulation
U S Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket Nos. 50-282 License Nos. DPR-42
50-306 DPR-60


Request for Meeting With NRC Staff Related to
Project for Addition of Two Emergency Diesel Generators

The purpose of this letter is to request a meeting with the NRC Staff to discuss our preliminary plans for the addition of two new safety related emergency diesel generators at the Prairie Island Nuclear Generating Plant.

The new emergency diesel generators are intended to improve the flexibility and reliability of the emergency power system, provide an alternate ac power capability to meet NRC station blackout requirements, and provided additional flexibility in the plant cooling water system.

This modification will require NRC Staff review and approval since changes to the Technical Specifications will be required. Because of the cost and complexity of this modification, it is important for us to solicit input from the NRC Staff early in the project. If possible, a meeting in June, 1988 with the Staff is requested. A preliminary agenda for this meeting is attached.

Please contact us if you have any questions related to our request.


David Musolf
Manager Nuclear Support Services

c: Regional Administrator, Region III, NRC
NRC Sr Resident Inspector
NRC Project Manager
G Charnoff

Attachment

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May 4, 1988

PROPOSED AGENDA FOR MEETING BETWEEN NRC STAFF AND
NORTHERN STATES POWER COMPANY

INSTALLATION OF TWO NEW SAFETY GRADE DIESEL GENERATORS AND
ENHANCEMENTS TO PLANT COOLING WATER SYSTEM

OBJECTIVE: To present preliminary plans to NRC Staff related to planned installation of two new safety grade diesel generators at the Prairie Island plant. NRC Staff views on several important licensing issues will be solicited.

Topic

1. Introduction and Brief Explanation of the Reason for the Project
2. Description of Current Prairie Island Emergency AC System
3. Description of Current Prairie Island Cooling Water System
4. Description of Proposed Emergency AC System With Addition of D5 and D6
 - Preliminary One-Line Diagram
 - Preliminary Switchgear and Logic Changes
 - Supply to 121 Cooling Water Pump
 - Sizing of D5 and D6
 - Cooling System for D5 and D6
 - Use of Safeguards Bus Tie Breakers for Meeting Station Blackout Rule Alternate AC Requirements
 - New Building Alternatives
 - Preliminary Schedule
5. Diesel Vendor Selection Process (including potential foreign vendor and unique NRC requirements which may be imposed)

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Topic

6. Licensing Issues

- Technical Specification Changes
to Reflect Two Diesel Generators
per Unit vs. Shared Diesel Generators
- Technical Specification Changes
to Reflect "swing" Safety-Related
Cooling Water Pump
- Plans and Schedule for Submitting
License Amendment Request for
NRC Review and Approval

7. NRC Preliminary Comments, Questions
and Concerns