

Docket Nos. 50-282
and 50-306

January 4, 1993

Mr. Thomas M. Parker, Manager
Nuclear Support Services
Northern States Power Company
414 Nicollet Mall
Minneapolis, Minnesota 55401

Dear Mr. Parker:

SUBJECT: PRAIRIE ISLAND SBO/ESU PROJECTS EVALUATION (TAC NOS. M80659, M80660,
M84327 AND M84328)

The staff is continuing its review of your Station Blackout/Electrical Safeguards Upgrade (SBO/ESU) Design Report, Revision 1 dated December 23, 1991. Our evaluation of the Diesel Generator Qualification Plan was forwarded on January 31, 1990. Our evaluation of your 10 CFR 50.63 "Blackout Rule" response was forwarded on September 18, 1990. Safety Evaluations relating to structural engineering, electrical distribution aspects, instrumentation/load sequencing, and auxiliary/support systems were forwarded on April 28, 1992.

Additional Safety Evaluations are enclosed, they are: (1) an electrical distribution supplemental safety evaluation, (2) a revision to the instrumentation/load sequencing safety evaluation, (3) a safety evaluation documenting the results of the load sequencer audit and (4) a safety evaluation for the mechanical design aspects. If you have any questions concerning these reviews, please contact me at (301) 504-3024.

Sincerely,

Original signed by
Marsha Gamberoni, Acting Project Manager
Project Directorate III-1
Division of Reactor Projects III, IV, V
Office of Nuclear Reactor Regulation

Enclosures:

1. Electrical Distribution SSE
2. Instrumentation/Load Sequencer Revised SE
3. Load Sequencer Audit SE
4. Mechanical Engineering SE

cc w/enclosures:

See next page

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OFFICE	LA:PDIII-1*	PM:PDIII-1	D:PDIII-1 <i>LM</i>	
NAME	MShuttleworth	MGamberoni <i>MS</i>	LMarsh	
DATE	12/31/92	01/03/93	1/4/93	

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Mr. T. M. Parker
Northern States Power Company

Prairie Island Nuclear Generating
Plant

cc:

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NRC & Local PDRs

PDIII-1 Reading

PI Plant File

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W. Shafer, R-III

cc: Plant Service list