

Docket Nos. 50-282  
and 50-306

April 28, 1992

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

Dear Mr. Parker:

SUBJECT: PRAIRIE ISLAND SBO/ESU PROJECTS EVALUATIONS (TAC NOS. M80659  
AND M80660)

The staff is continuing its review of your Station Blackout/Electrical Safeguards Upgrade (SBO/ESU) Design Report of 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. Additional Safety Evaluations, relating to (1) structural engineering, (2) electrical distribution aspects, (3) instrumentation/load sequencing, and (4) auxiliary/support systems are enclosed. The latter, (4) was prepared by our contractor Science Applications International Corporation (SAIC). Its conclusions are endorsed by the staff.

Two additional Safety Evaluations are planned, one addressing mechanical design aspects of the SBO/ESU project and one addressing the proposed Technical Specifications. If you have any questions concerning these reviews, please contact me at (301) 504-3026.

Sincerely,

<sup>/s/</sup>  
William O. Long, Project Manager  
Project Directorate III-1  
Division of Reactor Projects III, IV, V  
Office of Nuclear Reactor Regulation

Enclosures:

1. Structural engineering
2. Electrical distribution
3. Instrumentation/load sequencing
4. Auxiliary/support systems

cc w/ enclosures:  
See next page

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20565

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Sincerely,

A handwritten signature in dark ink, appearing to read "William O. Lorg".

William O. Lorg, Project Manager  
Project Directorate III-1  
Division of Reactor Projects III, IV, V  
Office of Nuclear Reactor Regulation

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cc w/enclosures:  
See next page

Mr. T. M. Parker  
Northern States Power Company

Prairie Island Nuclear Generating  
Plant

cc:

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Kris Sanda, Commissioner  
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