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UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

VICE PRESIDENT
NSM/EL/RI/NS

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Docket Nos. 50-282
and 50-306

SEP 26 1972

Northern States Power Company
ATTN: Mr. A. V. Dienhart
Vice President, Engineering
414 Nicollet Avenue
Minneapolis, Minnesota 55401

Gentlemen:

A failure of an expansion bellows in the circulating water line which serves the main condenser recently occurred at Quad-Cities, Unit 1. The resultant flooding caused degradation of some safety-related equipment.

You are requested to review Prairie Island Nuclear Generating Plant, Units 1 and 2 to determine whether the failure of any non-Category I (seismic) equipment, particularly in the circulating water system and fire protection system, could result in a condition, such as flooding or the release of chemicals, that might potentially adversely affect the performance of safety-related equipment required for safe shutdown of the facilities or to limit the consequences of an accident.

The integrity of barriers to protect critical equipment from potentially damaging conditions should be assumed only when the barrier has been specifically designed for such conditions. If your review determines that safety-related equipment could be adversely affected, provide your plans and schedules for corrective action.

Please submit your response within 30 days of receipt of this letter.

Sincerely,

R. C. DeYoung, Assistant Director
for Pressurized Water Reactors
Directorate of Licensing

cc: See next page

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Northern States Power Company

- 2 -

SEP 26 1972

cc: Gerald Charnoff, Esq.
Shaw, Pittman, Potts, Trowbridge & Madden
910 17th Street, NW
Washington, D. C.

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