



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

April 15, 2011

Mr. Mark Schimmel
Site Vice President
Prairie Island Nuclear Generating Plant
Northern States Power Company – Minnesota
1717 Wakonade Drive East
Welch, MN 55089

SUBJECT: SUPPLEMENTAL SAFETY EVALUATION REPORT RELATED TO THE
LICENSE RENEWAL OF PRAIRIE ISLAND NUCLEAR GENERATING PLANT,
UNITS 1 AND 2 (TAC NOS. MD8528 AND MD8529)

Dear Mr. Schimmel:

By letter dated April 11, 2008, Nuclear Management Company, LLC (NMC), submitted an application pursuant to Title 10 of the *Code of Federal Regulations* Part 54 (10 CFR Part 54), "Requirements for Renewal of Operating Licenses for Nuclear Power Plants," to renew the operating license DPR-42 and DPR-60 for the Prairie Island Nuclear Generating Plant (PINGP), Units 1 and 2, for review by the U.S. Nuclear Regulatory Commission (NRC).

The NRC issued a safety evaluation report (SER), dated October 2009, which summarizes the results of its safety review of the renewal application for compliance with the requirements of 10 CFR Part 54.

On September 22, 2008, NMC transferred its operating authority to Northern States Power Company, a Minnesota Corporation (NSPM), doing business as Xcel Energy. By letter dated September 3, 2008, NSPM assumed responsibility for actions and commitments previously submitted by NMC.

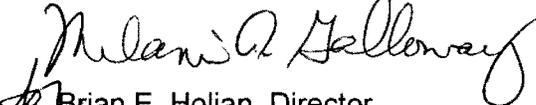
The enclosed supplemental SER documents the staff's review of additional information provided by NSPM in annual updates and license renewal application amendments since the issuance of the SER.

M. Schimmel

- 2 -

If you have any questions regarding this matter, please contact the license renewal project manager, Richard Plasse, at 301-415-1427 or by e-mail at richard.plasse@nrc.gov.

Sincerely,


for Brian E. Holian, Director
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-282 and 50-306

Enclosure:
Supplemental Safety Evaluation Report

cc w/encl: Listserv

M. Schimmel

- 2 -

If you have any questions regarding this matter, please contact the license renewal project manager, Richard Plasse, at 301-415-1427 or by e-mail at richard.plasse@nrc.gov.

Sincerely,
/RA/ M. Galloway for
Brian E. Holian, Director
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-282 and 50-306

Enclosure:
Supplemental Safety Evaluation Report

cc w/encl: Listserv

DISTRIBUTION:

See next page

ADAMS Accession Nos.: ML110800519 (Pkg), ML110800492 (Ltr), ML110800538
(Enclosure) *via e-mail

OFFICE	LA:DLR	PM:DLR:RPB2	BC:DLR:RPB2	(A)BC:DLR:RARB
NAME	IKing	RPlasse	DWrona*	ADias*
DATE	3/21/2011	03/21/2011	03/15/2011	03/21/2011
OFFICE	BC:DLR:RASB	BC:DLR:RAPB	OGC (NLO)	D:DLR
NAME	RAuluck*	DPelton*	BMizuno*	BHolian (MGalloway for)
DATE	03/15/2011	03/03/2011	03/21/2011	04/15/2011

OFFICIAL RECORD COPY

Letter to Mark Schimmel from Brian E. Holian dated April 15, 2011

SUBJECT: SUPPLEMENTAL SAFETY EVALUATION REPORT RELATED TO THE
LICENSE RENEWAL OF PRAIRIE ISLAND NUCLEAR GENERATING PLANT,
UNITS 1 AND 2 (TAC NOS. MD8528 AND MD8529)

DISTRIBUTION:

HARD COPY:
DLR RF

E-MAIL:

PUBLIC

RidsNrrDir Resource

RidsNrrDirRpb1 Resource

RidsNrrDirRpb2 Resource

RidsNrrDirRarb Resource

RidsNrrDirRasb Resource

RidsNrrDirRapb Resource

RidsNrrDirRerb Resource

RidsNrrDirRpob Resource

RidsNrrDciCvib Resource

RidsNrrDciCpnb Resource

RidsNrrDciCsgb Resource

RidsNrrDraAfpb Resource

RidsNrrDraApla Resource

RidsNrrDeEmcb Resource

RidsNrrDeEeeb Resource

RidsNrrDssSrxb Resource

RidsNrrDssSbpb Resource

RidsNrrDssScvb Resource

RidsOgcMailCenter

RidsOpaMailResource

R. Plasse

E. Keegan

T. Wengert

V. Mitlyng, RIII

K. Stoedter, RIII

P. Zurawski, RIII

I. Couret, OPA

B. Mizuno, OGC

R. Shane OCA