



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

October 30, 2008

Mr. Michael D. Wadley
Site Vice President
Prairie Island Nuclear Generating Plant
Northern States Power - Minnesota
1717 Wakonade Drive East
Welch, MN 55089

SUBJECT: PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNITS 1 AND 2 –
CLOSEOUT OF GENERIC LETTER 2007-01 "INACCESSIBLE OR
UNDERGROUND POWER CABLE FAILURES THAT DISABLE ACCIDENT
MITIGATION SYSTEMS OR CAUSE PLANT TRANSIENTS"
(TAC NOS. MD4367 AND MD4368)

Dear Mr. Wadley:

On February 07, 2007, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 2007-01 "Inaccessible or Underground Power Cable Failures That Disable Accident Mitigation Systems or Cause Plant Transients" (Agencywide Documents Access and Management System (ADAMS) Accession No. ML070360665). GL 2007-01 requested that licensees provide the following information within 90 days of the date of the GL:

- (1) A history of inaccessible or underground power cable failures for all cables that are within the scope of 10 CFR 50.65 (the Maintenance Rule) and for all voltage levels including the cable type, cable manufacturer, date of failure, type of service, voltage class, years of service, and the root causes for the failure; and,
- (2) A description of all inspection, testing, and monitoring programs to detect the degradation of inaccessible or underground power cables that support emergency diesel generators (EDGs), offsite power, emergency service water (ESW), service water, component cooling water and other systems that are within the scope of 10 CFR 50.65 (the Maintenance Rule).

In your letter dated May 8, 2007, (ADAMS Accession No. ML071290142), you provided the information requested in GL 2007-01 including: (1) A history of inaccessible or underground power cable failures for all cables that are within the scope of 10 CFR 50.65 (the Maintenance Rule) and for all voltage levels including the cable type, cable manufacturer, date of failure, type of service, voltage class, years of service, and the root causes for the failure; and, (2) A description of all inspection, testing, and monitoring programs to detect the degradation of inaccessible or underground power cables that support EDGs, offsite power, ESW, service water, component cooling water and other systems that are within the scope of 10 CFR 50.65 (the Maintenance Rule).

The NRC staff has reviewed the submitted information and has concluded that for Prairie Island Nuclear Generating Plant, Units 1 and 2, your response to GL 2007-01 is adequate. Based on this review, your response to GL 2007-01 is considered closed and no further action is requested of you at this time.

M. Wadley

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If you have any questions regarding this letter, please feel free to contact me at (301) 415-4037.

Sincerely,

A handwritten signature in cursive script that reads "Thomas J. Wengert".

Thomas J. Wengert, Senior Project Manager
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-282 and 50-306

cc: Distribution via ListServ

October 30, 2008

M. Wadley

- 2 -

If you have any questions regarding this letter, please feel free to contact me at (301) 415-4037.

Sincerely,

/RA/

Thomas J. Wengert, Senior Project Manager
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-282 and 50-306

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ADAMS Accession Number: ML082910435

NRR-106

OFFICE	LPL3-1/PM	LPL3-1/LA	EEEB/BC	LPL3-1/BC
NAME	TWengert <i>TW</i>	THarris <i>TH</i>	GWilson <i>GW</i>	LJames <i>LJ</i>
DATE	10/28/08	10/20/08	10/28/08	10/30/08

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