



OCT 20 2014

L-PI-14-067  
10 CFR 50.90

U S Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Prairie Island Nuclear Generating Plant Units 1 and 2  
Dockets 50-282 and 50-306  
Renewed License Nos. DPR-42 and DPR-60

Supplement to License Amendment Request (LAR) to Add a Methodology to Technical Specification (TS) 5.6.5, "CORE OPERATING LIMITS REPORT (COLR)" (TAC Nos. MF1891 and MF1892)

By letter dated May 23, 2013 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML13144A750), Northern States Power Company, a Minnesota corporation, doing business as Xcel Energy (hereafter "NSPM"), submitted a license amendment request for Prairie Island Nuclear Generating Plant (PINGP), Units 1 and 2, to add a methodology to TS 5.6.5. The LAR was supplemented by letters dated March 25, 2014 (ML14085A228) and June 26, 2014 (ML14177A476). Enclosure 1 to this letter provides a revised marked up of TS page 5.0-37 and Enclosure 2 provides a revised final version TS page 5.0-37. These pages supersede the TS page 5.0-37 submitted by letter dated March 25, 2014 (ML14085A228).

The supplemental information provided in this letter and enclosures does not impact the conclusions of the Determination of No Significant Hazards Consideration or Environmental Assessment presented in the May 23, 2013, (ML13144A750) submittal as supplemented March 25, 2014 (ML14085A228) and June 26 (ML14177A476).

In accordance with 10 CFR 50.91, NSPM is notifying the State of Minnesota of this LAR supplement by transmitting a copy of this letter and enclosure to the designated State Official.

If there are any questions or if additional information is needed, please contact Mr. Dale Vincent, P.E., at 651-267-1736.

Summary of Commitments

This letter contains no new commitments and no revisions to existing commitments.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on **OCT 20 2014**



Kevin Davison  
Site Vice President, Prairie Island Nuclear Generating Plant  
Northern States Power Company - Minnesota

Enclosures (2)

cc: Administrator, Region III, USNRC  
Project Manager, PINGP, USNRC  
Resident Inspector, PINGP, USNRC  
State of Minnesota

**ENCLOSURE 1**

**Technical Specification Pages (Markup)**

5.0-37

1 page follows

5.6 Reporting Requirements

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5.6.5 CORE OPERATING LIMITS REPORT (COLR) (continued)

29. Caldon Engineering Report ER-157P, "Supplement to Topical Report ER-80P: Basis for a Power Uprate with the LEFM or LEFM CheckPlus System";
  30. WCAP-12610-P-A, "VANTAGE+ Fuel Assembly Reference Core Report"; and
  31. WCAP-12610-P-A and CENPD-404-P-A, Addendum 1-A, "Optimized ZIRLO<sup>TM</sup>";
  32. Commencing Unit 1 Cycle 30 and Unit 2 Cycle 30, this reference shall be used in lieu of reference 23: WCAP-16045-P-A, "Qualification of the Two-Dimensional Transport Code PARAGON", August 2004; and
  33. Commencing Unit 1 Cycle 30 and Unit 2 Cycle 30, this reference shall be used in lieu of reference 23: WCAP-16045-P-A, Addendum 1-A, "Qualification of the NEXUS Nuclear Data Methodology", August 2007.
- c. The core operating limits shall be determined such that all applicable limits (e.g., fuel thermal-mechanical limits, core thermal-hydraulic limits, Emergency Core Cooling Systems (ECCS) limits, nuclear limits such as SDM, transient analysis limits, and accident analysis limits) of the safety analysis are met.
  - d. The COLR, including any midcycle revisions or supplements, shall be provided upon issuance for each reload cycle to the NRC.

**ENCLOSURE 2**

**Technical Specification Pages (Retyped)**

5.0-37

1 page follows

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5.6.5 CORE OPERATING LIMITS REPORT (COLR) (continued)

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