May 8, 2008

MEMORANDUM TO: Lois M. James, Chief
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

FROM: Mahesh Chawla, Project Manager
Plant Licensing Branch III-1 **/RA/**
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

SUBJECT: PRAIRIE ISLAND NUCLEAR GENERATING PLANT UNITS 1 AND 2 - REVIEW OF REVISION 29 TO THE UPDATED SAFETY ANALYSIS REPORT (TAC NOS. MD5651 AND MD5652)

This memorandum documents the in-office review of Revision 29 to the Updated Safety Analysis Report (USAR) for Prairie Island Nuclear Generating Plant, Units 1 and 2, dated May 7, 2007 (Agencywide Documents Access and Management System Accession No. ML071290624). Enclosure 2, Information Regarding Changes to the USAR, identifies describing the changes made to the USAR as a result of the following categories. The numbers in the bracket represent the quantity of the changes.

1) Nuclear Regulatory Commission (NRC) Approved Amendments (3).
2) Evaluations/Safety Evaluations under the provisions of Title 10 of the *Code of Federal Regulations* (10 CFR) 50.59 (5).
3) Screenings under the provisions of 10 CFR 50.59 (24).
4) Modifications (5).
5) Editorial Changes (9).
6) Other Miscellaneous Changes (5).

Enclosure 2 briefly describes these changes and the bases for updating the USAR. Enclosure 3 provides the updating instructions and includes a CD-ROM which contains the entire USAR. In addition, the licensee provided the hard copy of the USAR revised replacement pages and the instructions for replacing the pages. Revision 29 was made pursuant to 10 CFR 50.71(e), using the guidance of NEI 98-03, Rev. 1, "Guidelines for Updating Final Safety Analysis Reports."

The review of USAR changes was conducted as required by the Division of Operating Reactor Licensing (DORL) Handbook. No review of 10 CFR 50.59 evaluations was conducted, in accordance with the current policy stated in the DORL Handbook:

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Under the current Reactor Oversight Process, Region-based inspectors have been given the responsibility to perform an inspection module/procedure on facility changes made by licensees without prior NRC approval in accordance with 10 CFR 50.59. Consequently, DORL Project Managers are currently not performing these reviews.

Revision 29 reflects 51 changes to the USAR. The changes made in Revision 29 reflect three amendments:

1) Issuance of Amendments 162 and 153 on April 28, 2004, to include implementation of relaxed offset control of the reactor core (TAC Nos. MB8128 and M8129) (Agencywide Documents Access and Management System (ADAMS) Accession No. ML041210016).

2) Issuance of Amendments 163 and 154 on June 8, 2004, to eliminate requirements for hydrogen recombiners (TAC Nos. MC1906 and MC1907) (ADAMS Accession No. ML041380441).

3) Issuance of Amendments 172 and 162 on February 5, 2006, to revise the spent fuel pool criticality analysis methodology and technical specifications governing the storage of irradiated fuel in the spent fuel spool (TAC Nos. MC8511 and MC8512) (ADAMS Accession No. ML060250224).

The changes made to the USAR were reviewed for compliance with the safety evaluations issued by the NRC staff for the above amendments, and were found to be acceptable.

This revision represents changes made to the Prairie Island Nuclear Generating Plant, USAR since the last updated submittal through November 15, 2006. This review marks the completion of this activity and no further follow-up action is required.

The issuance of this memorandum closes TAC Nos. MD5651 and MD5652.

Docket Nos. 50-282 and 50-306

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