

May 10, 2007

Mr. Rick A. Muench
President and Chief Executive Officer
Wolf Creek Nuclear Operating Corporation
Post Office Box 411
Burlington, KS 66839

SUBJECT: WOLF CREEK GENERATING STATION - CLOSEOUT LETTER FOR GENERIC LETTER 2006-02, "GRID RELIABILITY AND THE IMPACT ON PLANT RISK AND THE OPERABILITY OF OFFSITE POWER" (TAC NO. MD1050)

Dear Mr. Muench:

On February 1, 2006, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 2006-02, "Grid Reliability and the Impact on Plant Risk and the Operability of Offsite Power" (Agencywide Documents Access and Management System (ADAMS) Accession No. ML060180352). The purpose of the GL is for NRC to obtain information from its licensees in the following four areas involving the grid at a nuclear power plant (NPP):

1. Use of protocols between the NPP and the transmission system operator (TSO), independent system operator (ISO), or reliability coordinator/authority (RC/RA) and the use of transmission load flow analysis tools (analysis tools) by TSOs to assist NPPs in monitoring grid conditions to determine the operability of offsite power systems under plant technical specifications. (The TSO, ISO, or RA/RC is responsible for preserving the reliability of the local transmission system. In this GL, the term TSO is used to denote these entities);
2. Use of NPP/TSO protocols and analysis tools by TSOs to assist NPPs in monitoring grid conditions for consideration in maintenance risk assessments;
3. Offsite power restoration procedures in accordance with Section 2 of NRC Regulatory Guide (RG) 1.155, "Station Blackout"; and
4. Losses of offsite power caused by grid failures at a frequency equal to or greater than once in 20 site-years in accordance with RG 1.155.

Subsequent to the GL, the NRC also issued a letter dated December 5, 2006 (ADAMS Accession No. ML063380308) with a request for additional information (RAI) regarding the resolution of GL 2006-02 to 63 of 65 holders of operating licenses for nuclear power reactors, including Wolf Creek Nuclear operating Corporation (the licensee) for Wolf Creek Generating Station (WCGS). The RAI letter requested licensees respond to questions in the following six areas: (1) switchyard minimum voltage, (2) loss of real-time contingency analysis (RTCA) capability, (3) verification of RTCA predicted post-trip voltage, (4) identification of applicable single contingencies, (5) seasonal variation in grid stress (reliability and loss-of-offsite power probability, and (6) interface with transmission system operator during extended plant

maintenance. Of the six questions attached to the NRC's RAI letter, the licensee was requested to address questions numbered 1, 2, 3, 5, and 6 for WCGS.

By letter dated July 27, 2006 (WM 06-0027, ADAMS Accession No. ML062090523), the licensee responded to the information requested in the GL. By the additional letter dated January 31, 2007 (ET 07-0003, ADAMS Accession No. ML070380281) the licensee responded to the subsequent RAI letter dated December 5, 2006. The licensee also provided a response to the GL in its letter dated March 31, 2006, but the licensee stated that the information provided is sensitive and meets the criteria of 10 CFR 2.390 in that the letter, including the attachments, is exempt from public disclosure in accordance with 10 CFR 2.390, and is marked accordingly. The licensee's July 27, 2006, letter provided the same information with the sensitive information blanked out. Based on the information provided in these letters, the NRC staff has concluded that the licensee is complying with the NRC regulatory requirements governing electric power sources and associated personnel training, and considers the licensee's response to GL 2006-02 to be complete for WCGS.

Based on this, the subject TAC MD1050 is closed. If you have any questions with respect to this letter, contact me at 301-415-1307.

Sincerely,

/RA/

Jack Donohew, Senior Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-482

cc: See next page

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