



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

December 2, 2010

Mr. Matthew W. Sunseri
President and Chief Executive Officer
Wolf Creek Nuclear Operating Corporation
Post Office Box 411
Burlington, KS 66839

SUBJECT: WOLF CREEK GENERATING STATION - ACCEPTANCE OF REQUESTED
LICENSING ACTION RE: LICENSE AMENDMENT REQUEST TO MAKE
CHANGES TO THE APPROVED FIRE PROTECTION PROGRAM AS
DESCRIBED IN THE UPDATED SAFETY ANALYSIS REPORT
(TAC NO. ME4757)

Dear Mr. Sunseri:

By letter dated September 22, 2010 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML102720417), as supplemented by letter dated November 22, 2010 (ADAMS Accession No. ML103340290), Wolf Creek Nuclear Operating Corporation (the licensee) submitted a license amendment request for Wolf Creek Generating Station. The proposed amendment request would change the approved fire protection program as described in the Updated Safety Analysis Report (USAR). The licensee has proposed to revise USAR Table 9.5E-1 to include information on reactor coolant system process variables not maintained within those predicted for a loss of normal alternating current (ac) power. The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this amendment request. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical review. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

Consistent with Section 50.90 of Title 10 of the *Code of Federal Regulations* (10 CFR), an amendment to the license (including the technical specifications) must fully describe the changes requested, and following as far as applicable, the form prescribed for original applications. Section 50.34 of 10 CFR addresses the content of technical information required. This section stipulates that the submittal address the design and operating characteristics, unusual or novel design features, and principal safety considerations.

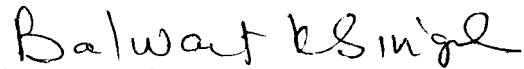
By e-mail dated November 3, 2010 (ADAMS Accession No. ML103070207), the NRC staff transmitted the results of its initial acceptance review. The staff found the application unacceptable with opportunity to supplement. This was discussed with the licensee during a conference call on October 26, 2010. The licensee provided a supplement to the license amendment request by letter dated November 22, 2010. The technical staff has reviewed the supplemental information and found it to be responsive to the staff's request.

The NRC staff has reviewed your application and supplement and concluded that it provides technical information in sufficient detail to enable the NRC staff to complete its detailed technical

review and make an independent assessment regarding the acceptability of the proposed amendment in terms of regulatory requirements and the protection of public health and safety and the environment. Given the lesser scope and depth of the acceptance review as compared to the detailed technical review, there may be instances in which issues that impact the NRC staff's ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. You will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

If you have any questions, please contact me at (301) 415-3016 or by e-mail at Balwant.Singal@nrc.gov.

Sincerely,

A handwritten signature in black ink that reads "Balwant K. Singal". The signature is written in a cursive, flowing style.

Balwant K. Singal, Senior Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-482

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M. Sunseri

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If you have any questions, please contact me at (301) 415-3016 or by e-mail at Balwant.Singal@nrc.gov.

Sincerely,

/RA/

Balwant K. Singal, Senior Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-482

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ADAMS Accession No. ML103350032

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