

April 6, 1993

Docket No. 50-482

Mr. Bart D. Withers
President and Chief Executive Officer
Wolf Creek Nuclear Operating Corporation
Post Office Box 411
Burlington, Kansas 66839

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Dear Mr. Withers:

SUBJECT: WOLF CREEK GENERATING STATION - AMENDMENT NO. 62 TO FACILITY
OPERATING LICENSE NO. NPF-42 (TAC NO. M85267)

The Commission has issued the enclosed Amendment No. 62 to Facility Operating License No. NPF-42 for the Wolf Creek Generating Station. The amendment consists of changes to the Technical Specifications in response to your application dated December 22, 1992.

The amendment revises Technical Specification Table 4.8-1, Diesel Generator Test Schedule, to eliminate the requirement to increase the testing frequency upon experiencing five or more failures in the last 100 valid tests. The provision for increased testing based upon the last 20 valid tests is maintained.

A copy of our related Safety Evaluation is enclosed. The Notice of Issuance will be included in the Commission's next biweekly Federal Register notice.

Sincerely,
Original Signed By

William D. Reckley, Project Manager
Project Directorate IV-2
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 62 to NPF-42
2. Safety Evaluation

cc w/enclosures:
See next page

Office	PDIV-2/LA	PDIV-2/PM	NRR:EELB	NRR:OTSB	OGC	PDIV-2/D
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Date	3/5/93	3/8/93	3/11/93	3/15/93	2/ /93	3/26/93

Document Name: M85267.WC

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Mr. Bart D. Withers

- 2 -

April 6, 1993

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

WOLF CREEK NUCLEAR OPERATING CORPORATION

WOLF CREEK GENERATING STATION

DOCKET NO. 50-482

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 62
License No. NPF-42

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment to the Wolf Creek Generating Station (the facility) Facility Operating License No. NPF-42 filed by the Wolf Creek Nuclear Operating Corporation (the Corporation), dated December 22, 1992, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance: (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this license amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and Paragraph 2.C.(2) of Facility Operating License No. NPF-42 is hereby amended to read as follows:

2. Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 62, and the Environmental Protection Plan contained in Appendix B, both of which are attached hereto, are hereby incorporated in the license. The Corporation shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. The license amendment is effective as of its date of issuance, to be implemented within 30 days of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Suzanne C. Black, Director
Project Directorate IV-2
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: April 6, 1993

ATTACHMENT TO LICENSE AMENDMENT NO. 62

FACILITY OPERATING LICENSE NO. NPF-42

DOCKET NO. 50-482

Revise Appendix A Technical Specifications by removing the page identified below and inserting the enclosed page. The revised page is identified by amendment number and contains marginal lines indicating the area of change.

REMOVE

3/4 8-7

INSERT

3/4 8-7

TABLE 4.8-1
DIESEL GENERATOR TEST SCHEDULE

<u>NUMBER OF FAILURES IN LAST 20 VALID TESTS*</u>	<u>TEST FREQUENCY</u>
≤ 1	At least once per 31 days
$\geq 2^{**}$	At least once per 7 days

*Criteria for determining number of valid failures and number of valid tests shall be in accordance with Regulatory Position C.2.e of Regulatory Guide 1.108, Revision 1, August 1977, but determined on a per diesel generator basis. For the purposes of determining the required test frequency, the previous test failure count may be reduced to zero if a complete diesel overhaul to like-new conditions is completed, provided that the overhaul including appropriate post-maintenance operation and testing, is specifically approved by the manufacturer, and if acceptable reliability has been demonstrated. The reliability criterion shall be the successful completion of 14 consecutive tests in a single series. Ten of these tests shall be in accordance with Specifications 4.8.1.1.2a.4 and 4.8.1.1.2a.5, four tests, in accordance with Specification 4.8.1.1.2f. If this criterion is not satisfied during the first series of tests, any alternate criterion to be used to transvalue the failure count to zero requires NRC approval.

**The associated test frequency shall be maintained until seven consecutive failure free tests have been performed and the number of failures in the last 20 valid tests has been reduced to one.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 62 TO FACILITY OPERATING LICENSE NO. NPF-42
WOLF CREEK NUCLEAR OPERATING CORPORATION
WOLF CREEK GENERATING STATION
DOCKET NO. 50-482

1.0 INTRODUCTION

By application dated December 22, 1992, Wolf Creek Nuclear Operating Corporation (the licensee) requested changes to the Technical Specifications (Appendix A to Facility Operating License No. NPF-42) for the Wolf Creek Generating Station. The proposed changes would revise Technical Specification Table 4.8-1, Diesel Generator Test Schedule, to eliminate the requirement to increase the testing frequency upon experiencing five or more failures in the last 100 valid tests. The provision for increased testing based upon the last 20 valid tests has been retained.

2.0 EVALUATION

The existing Technical Specification (TS) Table 4.8.1, Diesel Generator Test Schedule, provides criteria for determining whether a diesel generator should be tested at the normal frequency of every 31 days or at an accelerated frequency of every 7 days. The criteria for accelerated testing are either 2 or more failures in the last 20 tests or 5 or more failures in the last 100 tests. A footnote associated with the table states that the accelerated test frequency shall be maintained until the diesel has performed seven consecutive failure free demands and the number of failures in the last 20 valid demands has been reduced to one. However, no such provision is provided for removal of the increased test frequency when 5 or more failures have occurred in the last 100 tests. This could result in as many as 99 tests at the accelerated test frequency before the normal monthly frequency could be restored. Therefore the licensee has proposed to base the test frequency on the number of failures in the last 20 tests and eliminate the 5 of 100 criteria for increasing the frequency of diesel generator testing.

The staff has previously expressed concern, including issuance of Generic Letter (GL) 84-15, "Proposed Staff Actions to Improve and Maintain Diesel Generator Reliability", regarding the possible degradation of diesel generators as a result of excessive testing requirements. Generic Letter 84-15 included a sample Technical Specification which is consistent with the licensee's proposed revision to Table 4.8.1. The requirement to maintain an accelerated test frequency until such time as seven consecutive tests have been completed and the number of failures in the last 20 tests is equal to or less than one has been retained. This degree of testing has been determined

to adequately demonstrate diesel generator reliability. The possibility of continued accelerated testing beyond the above requirements due to the existing Technical Specification to demonstrate continued diesel generator reliability is not necessary. Therefore the staff considers the proposed change to be consistent with Table 4.8-1 of the example TS in GL 84-15 and acceptable.

3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Kansas State official was notified of the proposed issuance of the amendment. The State official had no comments.

4.0 ENVIRONMENTAL CONSIDERATION

The amendment changes surveillance requirements. The NRC staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendment involves no significant hazards consideration, and there has been no public comment on such finding (58 FR 7008). Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendment.

5.0 CONCLUSION

The Commission has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: William D. Reckley

Date: April 6, 1993