

October 29, 1993

Docket No. 50-482

Mr. Neil S. Carns
President and Chief Executive Officer
Wolf Creek Nuclear Operating Corporation
Post Office Box 411
Burlington, Kansas 66839

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Dear Mr. Carns:

SUBJECT: WOLF CREEK GENERATING STATION - AMENDMENT NO. 68 TO FACILITY
OPERATING LICENSE NO. NPF-42 (TAC NO. M86672)

The Commission has issued the enclosed Amendment No. 68 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 June 1, 1993.

The amendment changes Technical Specification 3.8.3.1, Onsite Power Distribution, related to the allowable outage time for two motor control centers associated with the essential service water system. The revision makes the allowable outage time for the motor control centers consistent with the limiting conditions of Technical Specification 3.7.4, Essential Service Water System.

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. 68 to NPF-42
2. Safety Evaluation

cc w/enclosures:
See next page

<div>OTSB CGrimes 10/5/93</div> <div>#92-165</div>					
OFFICE	PDIV-2/LA	PDIV-2/INT.	PDIV-2/PM	OGC	PDIV-2/D
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Mr. Neil S. Carns

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October 29, 1993

cc w/enclosures:

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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. 68
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 June 1, 1993, 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. 68, 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: October 29, 1993

ATTACHMENT TO LICENSE AMENDMENT NO. 68

FACILITY OPERATING LICENSE NO. NPF-42

DOCKET NO. 50-482

Revise Appendix A Technical Specifications by removing the pages identified below and inserting the enclosed pages. The revised pages are identified by amendment number and contain marginal lines indicating the area of change. The corresponding overleaf pages are also provided to maintain document completeness.

REMOVE

3/4 8-13
3/4 8-14

INSERT

3/4 8-13
3/4 8-14

ELECTRICAL POWER SYSTEMS

3/4.8.3 ONSITE POWER DISTRIBUTION

OPERATING

LIMITING CONDITION FOR OPERATION

3.8.3.1 The following electrical busses shall be energized in the specified manner with tie breakers open between redundant busses within the unit:

- a. Division #1 A.C. Emergency Busses consisting of:
 - 1) 4160-Volt Emergency Bus #NB01, and
 - 2) 480-Volt Emergency Busses #NG01, NG03, and
 - 3) 480-Volt Emergency Bus #NG05E.
- b. Division #2 A.C. Emergency Busses consisting of:
 - 1) 4160-Volt Emergency Bus #NB02, and
 - 2) 480-Volt Emergency Busses #NG02, NG04, and
 - 3) 480-Volt Emergency Bus #NG06E.
- c. 120-Volt A.C. Vital Bus #NN01 energized from its associated inverter connected to D.C. Bus #NK01,
- d. 120-Volt A.C. Vital Bus #NN02 energized from its associated inverter connected to D.C. Bus #NK02,
- e. 120-Volt A.C. Vital Bus #NN03 energized from its associated inverter connected to D.C. Bus #NK03,
- f. 120-Volt A.C. Vital Bus #NN04 energized from its associated inverter connected to D.C. Bus #NK04,
- g. 125-Volt D.C. Bus #NK01 energized from Battery #NK11 and Charger #NK21,
- h. 125-Volt D.C. Bus #NK02 energized from Battery #NK12 and Charger #NK22,
- i. 125-Volt D.C. Bus #NK03 energized from Battery #NK13 and Charger #NK23, and
- j. 125-Volt D.C. Bus #NK04 energized from Battery #NK14 and Charger #NK24.

APPLICABILITY: MODES 1, 2, 3, and 4.

ACTION:

- a. With one of the required divisions of A.C. emergency busses not fully energized due to an item 1) or 2) bus, reenergize the division within 8 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours. With one of the required divisions of A.C. emergency busses not fully energized due to the item 3) bus only, reenergize the division within 72 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

ELECTRICAL POWER SYSTEMS

LIMITING CONDITION FOR OPERATION

ACTION (Continued)

- b. With one A.C. vital bus either not energized from its associated inverter, or with the inverter not connected to its associated D.C. bus: (1) reenergize the A.C. vital bus within 2 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours, and (2) reenergize the A.C. vital bus from its associated inverter connected to its associated D.C. bus within 24 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.
- c. With one D.C. bus not energized from its associated battery bank or charger, reenergize the D.C. bus from its associated battery bank and charger within 2 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

SURVEILLANCE REQUIREMENTS

4.8.3.1 The specified busses shall be determined energized in the required manner at least once per 7 days by verifying correct breaker alignment and indicated voltage on the busses.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 68 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 June 1, 1993, the Wolf Creek Nuclear Operating Corporation proposed to amend Facility Operating License No. NPF-42. The amendment would change the existing 8-hour allowed outage time (AOT) in Technical Specification (TS) Section 3.8.3.1 for motor control centers (MCC) MCC NG05E and MCC NG06E to the 72-hour AOT that TS 3.7.4 provides for one train of the emergency service water (ESW) system. The Wolf Creek Generating Station (WCGS) has two independent ESW divisions, each including its own independent power supply, from the 4160-V buses down to the subject 480-V MCCs, which power only ESW components in the same train.

2.0 EVALUATION

The onsite ac power distribution network at WCGS has two independent divisions of electrical buses. Each of these divisions consists of one 4160-V ac emergency bus which feeds, via transformers, two 480-V emergency load centers and one 480-V emergency MCC. The TS requires both electrical divisions to be operable in Modes 1, 2, 3, and 4, and at least one of the divisions to be operable in Modes 5 and 6. These requirements will still be operative after the proposed limiting condition for operation (LCO) change. The 480-V ac emergency buses covered in the TS include MCC NGC05E in Division 1 and MCC NG06E in Division 2. These MCCs power only ESW equipment. The proposed TS revision allows the deenergization of either MCC NG05E or MCC NG06E, but not both simultaneously, for up to 72 hours, which is the same time allowed by the existing TS for one train of the ESW system.

If either MCC NGC05E or MCC NGC06E is inoperable, the ESW division dependent on that MCC is also inoperable. The AOT for each ESW division is 72 hours, without regard for which component or subsystem of that ESW division has made it inoperable. Increasing the AOT for MCC NGC05E and MCC NGC06E from 8 hours to 72 hours is consistent with the existing AOT for each ESW division.

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 a requirement with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. 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 34098). 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: C. Morris, EELB/NRR

Date: October 29, 1993