

December 13, 1988

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

Dear Mr. Withers:

SUBJECT: CORRECTION TO AMENDMENT NO. 23 TO FACILITY OPERATING  
LICENSE NO. NPF-42 - WOLF CREEK GENERATING STATION

On December 5, 1988 the staff issued Amendment No. 23 to Facility Operating License No. NPF-42 to revise the Technical Specifications (TS) and corresponding Bases necessary for Cycle 4 operation in response to your application dated June 24, 1988.

Due to an administrative error, TS pages 3/4 1-11 and 3/4 1-12 were inadvertently omitted from the amendment package. Enclosed are the corrected instruction page with a marginal line indicating the area of change and TS pages 3/4 1-11 and 3/4 1-12. Please accept our apology for any inconvenience this may have caused you.

Sincerely,

Douglas V. Pickett, Project Manager  
Project Directorate - IV  
Division of Reactor Projects - III,  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation

Enclosures:  
As stated

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PD4/D *NAC*  
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

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Mr. Bart D. Withers  
Wolf Creek Nuclear Operating Corporation

Wolf Creek Generating Station  
Unit No. 1

cc:

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P. O. Box 411  
Burlington, Kansas 66839

ATTACHMENT TO LICENSE AMENDMENT NO. 23

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 PAGES

2-4  
2-5  
2-8  
2-10  
B 2-1  
3/4 1-11  
3/4 1-12  
3/4 2-8  
3/4 2-9  
3/4 5-1  
3/4 5-10  
3/4 10-4  
B 3/4 1-2  
B 3/4 1-3  
B 3/4 2-5  
B 3/4 5-2

INSERT PAGES

2-4  
2-5  
2-8  
2-10  
B 2-1  
3/4 1-11  
3/4 1-12  
3/4 2-8  
3/4 2-9  
3/4 5-1  
3/4 5-10  
3/4 10-4  
B 3/4 1-2  
B 3/4 1-3  
B 3/4 2-5  
B 3/4 5-2

## REACTIVITY CONTROL SYSTEMS

### BORATED WATER SOURCE - SHUTDOWN

#### LIMITING CONDITION FOR OPERATION

---

3.1.2.5 As a minimum, one of the following borated water sources shall be OPERABLE:

- a. A Boric Acid Storage System with:
  - 1) A minimum contained borated water volume of 2968 gallons,
  - 2) Between 7000 and 7700 ppm of boron, and
  - 3) A minimum solution temperature of 65°F.
- b. The refueling water storage tank (RWST) with:
  - 1) A minimum contained borated water volume of 55,416 gallons,
  - 2) A minimum boron concentration of 2400 ppm, and
  - 3) A minimum solution temperature of 37°F.

APPLICABILITY: MODES 5 and 6.

#### ACTION:

With no borated water source OPERABLE, suspend all operations involving CORE ALTERATIONS or positive reactivity changes.

#### SURVEILLANCE REQUIREMENTS

---

4.1.2.5 The above required borated water source shall be demonstrated OPERABLE:

- a. At least once per 7 days by:
  - 1) Verifying the boron concentration of the water,
  - 2) Verifying the contained borated water volume, and
  - 3) Verifying the Boric Acid Storage System solution temperature when it is the source of borated water.
- b. At least once per 24 hours by verifying the RWST temperature when it is the source of borated water and the outside air temperature is less than 37°F.

## REACTIVITY CONTROL SYSTEMS

### BORATED WATER SOURCES - OPERATING

#### LIMITING CONDITION FOR OPERATION

---

3.1.2.6 As a minimum, the following borated water sources shall be OPERABLE as required by Specification 3.1.2.2 for MODES 1, 2, and 3 and one of the following borated water sources shall be OPERABLE as required by Specification 3.1.2.1 for MODE 4:

- a. A Boric Acid Storage System with:
  - 1) A minimum contained borated water volume of 17,658 gallons,
  - 2) Between 7000 and 7700 ppm of boron, and
  - 3) A minimum solution temperature of 65°F.
- b. The refueling water storage tank (RWST) with:
  - 1) A minimum contained borated water volume of 394,000 gallons
  - 2) Between 2400 and 2500 ppm of boron,
  - 3) A minimum solution temperature of 37°F, and
  - 4) A maximum solution temperature of 100°F.

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

#### ACTION:

- a. With the Boric Acid Storage System inoperable and being used as one of the above required borated water sources in MODE 1, 2 or 3, restore the storage system to OPERABLE status within 72 hours or be in at least HOT STANDBY within the next 6 hours and borated to a SHUTDOWN MARGIN equivalent to at least 1%  $\Delta k/k$  at 200°F; restore the Boric Acid Storage System to OPERABLE status within the next 7 days or be in COLD SHUTDOWN within the next 30 hours.
- b. With the RWST inoperable in MODE 1, 2, or 3, restore the tank to OPERABLE status within 1 hour or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.
- c. With no borated water source OPERABLE in MODE 4, restore one borated water source to OPERABLE status within 6 hours or be in COLD SHUTDOWN within the following 30 hours.