



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