



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 4.3.1, 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.

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Date: April 6, 1993