



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 86 TO FACILITY OPERATING LICENSE NO. DPR-23  
CAROLINA POWER AND LIGHT COMPANY  
H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261

Introduction

By letter dated January 9, 1984, the licensee submitted a request for a license amendment concerning Technical Specification (TS) revisions to correct errors and to achieve consistency within the TS. The changes concern the Automatic Feedwater (AFW) pump initiation. NRC Inspection Report 83-09 (IER 83-09), dated April 26, 1983, requested that the licensee clarify discrepancies between Table 3.4-1 and other existing AFW TS.

Evaluation

The licensee has requested a revision in the H. B. Robinson Unit 2 Technical Specification Table 3.4-1 to require the AFW flow automatic initiation system be operable whenever the RCS is greater than 350°F.

Currently, the notes to Table 3.4-1 imply that the AFW pump automatic initiation feature is required above 200°F whereas TS 3.4.1 and Table 3.5-5 require operability of other AFW system components above 350°F. Therefore, the licensee requested that the temperature requirement in Table 3.4-1 be changed to 350°F to be consistent with the other AFW TS requirements. The 4 kV Bus undervoltage signal to start the turbine-driven AFW pump (Item 2) should also be operable under the same conditions. The only item in Table 3.4-1 which should not be under this temperature specification is the AFW actuation signal from trip of both main feedwater pumps (Item 5). It should not be changed because this signal is defeated prior to securing both main feed pumps at no load temperature in order to prevent the undesirable condition of an AFW auto start and the subsequent steam generator blowdown valve auto closure.

We have reviewed the licensee's request and find that the requested changes would provide consistency within the Technical Specifications thus eliminating confusion due to two-temperature requirements. In addition, the change would be consistent with the Westinghouse Standard Technical Specifications, NUREG-0452. Therefore, the staff finds these changes acceptable.

8411080604 841012  
PDR ADOCK 05000261  
P

### Environmental Consideration

This amendment involves a change in the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The 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 this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR Sec 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 this amendment.

### Conclusion

We have 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, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Dated: October 12, 1984

Principal Contributor:

G. Requa

October 12, 1984

DISTRIBUTION

~~Docket File #~~

MEMORANDUM FOR: James R. Miller, Chief  
Operating Reactors Branch #3  
Division of Licensing

ORB#1 Rdg  
CParrish  
Memo File  
GRequa  
JMiller  
SVarga

FROM: Steven A. Varga, Chief  
Operating Reactors Branch #1  
Division of Licensing

SUBJECT: REQUEST FOR PUBLICATION IN MONTHLY FR NOTICE - NOTICE OF  
ISSUANCE OF AMENDMENT TO FACILITY OPERATING LICENSE

Carolina Power and Light Company, Docket No. 50-261, H. B. Robinson Steam  
Electric Plant, Unit No. 2, Darlington, South Carolina

Date of application for amendment: January 9, 1984

Brief description of amendment: The amendment would revise the Technical  
Specifications to correct inconsistencies regarding AFW pump automatic  
initiation.

Date of issuance: October 12, 1984

Effective date: October 12, 1984

Amendment No. 86

Facility Operating License No. DPR-23. Amendment revised the Technical  
Specifications.

Date of initial notice in Federal Register: March 22, 1984 (49 FR 10732)

The Commission's related evaluation of the amendment is contained in a  
Safety Evaluation dated October 12, 1984

Significant hazards consideration comments received: No

Local Public Document Room location: Hartsville Memorial Library, Home  
and Fifth Avenues, Hartsville, South Carolina 29535

/s/SVarga

Steven A. Varga, Chief  
Operating Reactors Branch #1  
Division of Licensing

ORB#1:DL  
CParrish  
10/10/84

ORB#1:DL  
GRequa,ps  
10/11/84

G-ORB#1:DL  
SVarga  
10/11/84

DEBNS  
Bachmann  
10/11/84

MLO20520140