

Docket No. 50-261

MAR 11 1982

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Mr. J. A. Jones  
 Vice Chairman  
 Carolina Power and Light Company  
 336 Fayetteville Street  
 Raleigh, North Carolina 27602

Dear Mr. Jones:

The Commission has issued the enclosed Amendment No. 65 to Facility Operating License No. DPR-23 for the H. B. Robinson Steam Electric Plant, Unit No. 2. The amendment consists of changes to the Technical Specifications in response to your application transmitted by letter dated January 26, 1982.

The amendment revises the Technical Specifications by adopting surveillance frequency notations used in the Standard Technical Specifications for instrument channels.

Copies of the Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,

ORIGINAL SIGNED

W. J. Ross, Project Manager  
 Operating Reactors Branch #1  
 Division of Licensing



Enclosures:

1. Amendment No. 65 to DPR-23
2. Safety Evaluation
3. Notice of Issuance

cc w/encls:  
 See next page

*Joseph L. Eisenhut*

FR NOTICE  
 +  
 AMENDMENT

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OFFICE	DL:ORB#1	DL:ORB#1	DL:ORB#1	DL:OR	OELD		
SURNAME	CParrish	WRoss	SAVarga	DMovak	M. KARMA		
DATE	3/3/82	3/2/82	3/3/82	3/5/82	3/8/82		

Mr. J. A. Jones  
Carolina Power and Light Company

cc: G. F. Trowbridge, Esquire  
Shaw, Pittman, Potts and Trowbridge  
1800 M Street, N.W.  
Washington, D. C. 20036

James P. O'Reilly  
Regional Administrator - Region II  
101 Marietta Street Suite 3100  
Atlanta, Georgia 30303

Hartsville Memorial Library  
Home and Fifth Avenues  
Hartsville, South Carolina 29550

Mr. McCuen Morrell, Chairman  
Darlington County Board of Supervisors  
County Courthouse  
Darlington, South Carolina 29535

State Clearinghouse  
Division of Policy Development  
116 West Jones Street  
Raleigh, North Carolina 27603

Attorney General  
Department of Justice  
Justice Building  
Raleigh, North Carolina 27602

U. S. Nuclear Regulatory Commission  
Resident Inspector's Office  
H. B. Robinson Steam Electric Plant  
Route 5, Box 266-1A  
Hartsville, South Carolina 29550

Alan S. Rosenthal, Chairman  
Atomic Safety and Licensing  
Appeal Board Panel  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Richard S. Salzman  
Atomic Safety and Licensing  
Appeal Board Panel  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

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Atomic Safety and Licensing  
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Washington, D. C. 20555

Regional Radiation Representatives  
EPA Region IV  
345 Courtland Street, N.E.  
Atlanta, Georgia 30308



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

CAROLINA POWER AND LIGHT COMPANY

DOCKET NO. 50-261

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 65  
License No. DPR-23

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Carolina Power and Light Company (the licensee) dated January 26, 1982, 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, 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 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 3.B of Facility Operating License No. DPR-23 is hereby amended to read as follows:

(B) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 65, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

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

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: March 11, 1982

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 65 TO FACILITY OPERATING LICENSE NO. DPR-23

DOCKET NO. 50-261

Revise Appendix A as follows:

Remove Pages

4.1-4  
4.1-6  
4.1-6a

Insert Pages

4.1-4  
4.1-6  
4.1-6a

TABLE 4.1-1  
MINIMUM FREQUENCIES FOR CHECKS, CALIBRATIONS AND TEST OF INSTRUMENT CHANNELS

<u>Channel</u>	<u>Check</u>	<u>Calibration</u>	<u>Test</u>	<u>Remarks</u>
1. Nuclear Power Range	S	D (1) M* (3) R* (4)	B/W (2)	(1) Thermal Power calculations during power operations (2) Signal to $\Delta T$ ; bistable action (permissive, rod stop, trips) (3) Upper and lower chambers for symmetric offset: ( monthly during power operations. When periods of reactor shutdown extend this interval beyond one month, the calibration shall be performed immediately following return to power. (4) Calibration of excore detectors.
2. Nuclear Intermediate Range	S (1)	N.A.	S/U (2)	(1) Once/shift when in service (2) Log level; bistable action (permissive, rod stop, trip)
3. Nuclear Source Range	S (1)	N.A.	S/U (2)	(1) Once/shift when in service (2) Bistable action (alarm, trip)
4. Reactor Coolant Temperature	S	R	B/W (1) (2)	(1) Overtemperature- $\Delta T$ (2) Overpower- $\Delta T$
5. Reactor Coolant Flow	S	R	M	
6. Pressurizer Water Level	S	R	M	
7. Pressurizer Pressure	S	R	M	
8. 4 kv Voltage	N.A.	R	M	Reactor Protection circuits only

\*By means of the movable in-core detector system

TABLE 4.1-1 (Continued)

<u>Channel Description</u>	<u>Check</u>	<u>Calibrate</u>	<u>Test</u>	<u>Remarks</u>
21. Containment Sump Level	N.A.	R	N.A.	
22. Turbine Trip Set Point **	N.A.	R	R	
23. Accumulator Level and Pressure	S	R	N.A.	
24. Steam Generator Pressure	S	R	M	
25. Turbine First Stage Pressure	S	R	M	
26. Emergency Plant Portable Survey Instruments	M	R	M	
27. Logic Channel Testing	N.A.	N.A.	M(1)	(1). During hot shutdown and power operations. When periods of reactor cold shutdown and re-fueling extend this interval beyond one month, the test shall be performed prior to startup.
28. Turbine Overspeed Protection Trip Channel (Electrical)	N.A.	R	M	
29. 4 Kv Frequency	N.A.	R	R	
30. Control Rod Drive Trip Breakers	N.A.	N.A.	M	
31. Overpressure Protection System	N.A.	R	M	

\*\*Stop valve closure or low EH fluid pressure

4.1-6

Amendment No. 65

TABLE 4.1-1 (Continued)

MINIMUM FREQUENCIES FOR CHECKS, CALIBRATIONS AND TEST OF INSTRUMENT CHANNELS

<u>Channel Description</u>	<u>Check</u>	<u>Calibration</u>	<u>Test</u>	<u>Remarks</u>
32. Loss of Power				
a. 480 Emerg. Bus Undervoltage (Loss of Voltage)	N.A.	R	R	
b. 480 Emerg. Bus Undervoltage (Degraded Voltage)	N.A.	R	R	
33. Auxiliary Feedwater Flow**** Indication	M	N.A.	R	
34. Reactor Coolant System** Subcooling Monitor	N	R	N.A.	
35. PORV Position Indicator***	N.A.	N.A.	R	
36. PORV Blocking Valve*** Position Indicator	N.A.	N.A.	R	
37. Safety Relief Valve Position*** Indicator	N.A.	N.A.	R	

\*\* Instrumentation for Detection of Inadequate Core Cooling - NUREG 0578 Item 2.1.3.b.

\*\*\* Direct Indication of Power Operated Relief Valve and Safety Valve Position - NUREG 0578 Item 2.1.3.a.

\*\*\*\* Auxiliary Feedwater Flow Indication to Steam Generator NUREG 0578 Item 2.1.7.b.

S - At least once per 12 hours  
D - At least once per 24 hours  
W - At least once per 7 days  
B/W - At least once per 14 days  
M - At least once per 31 days  
Q - At least once per 92 days  
S/U - Prior to each reactor startup  
R - At least once per 18 months  
N.A. - Not applicable

4.1-6a

Amendment No. 65



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 65 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 26, 1982 Carolina Power and Light Company (the licensee) requested that the abbreviations and definitions of certain frequency notations be changed to be identical to those used in the Standard Technical Specifications.

Evaluation

The notations under consideration define the frequency for checking, calibrating, and testing instrument channels. The licensee prefers to use the standard frequencies that are based on calendar periods rather than being based on fuel cycles. As a result of discussions related to this request, the licensee agreed to further clarification of these terms by the inclusion of an additional "Remark" in Table 4.1.1. These actions are considered to be administrative in nature and are acceptable.

Environmental Consideration

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §1.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) 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.

Date: March 11, 1982

Principal Contributor:  
W. J. Ross

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-261CAROLINA POWER AND LIGHT COMPANYNOTICE OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 65 to Facility Operating License No. DPR-23 issued to Carolina Power and Light Company (the licensee), which revised Technical Specifications for operation of the H. B. Robinson Steam Electric Plant, Unit No. 2 (the facility) located in Darlington County, South Carolina. The amendment is effective as of the date of issuance.

The amendment revises the Technical Specifications by adopting surveillance frequency notations used in Standard Technical Specifications for instrument channels.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since this amendment does not involve a significant hazards consideration.

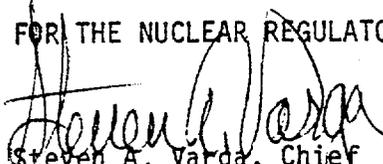
The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

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For further details with respect to this action, see (1) the application for amendment dated January 26, 1982, (2) Amendment No. 65 to License No. DPR-23, and (3) the Commission's related Safety Evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D. C. and at the Hartsville Memorial Library, Home and Fifth Avenues, Hartsville, South Carolina 29550. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 11th day of March, 1982.

FOR THE NUCLEAR REGULATORY COMMISSION

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