

DISTRIBUTION

Docket No. 50-261

Carolina Power & Light Company  
ATTN: Mr. J. A. Jones  
Senior Vice President  
336 Fayetteville Street  
Raleigh, N. C. 27602

Docket  
NRC PDR  
Local PDR  
OELD  
OI&E(3)  
NDube  
BJones (4)  
JMcGough  
JSaltzman  
RIngram  
RReid  
KRColler

SKari Abernathy  
WOMiller A. Rosenthal  
BScharf (15) N. H. Goodrich  
TJCarter GRAY FILE (5)  
PCollins  
SVarga  
CHEbron  
AESTeen  
DEisenhut  
ACRS (16)  
SBridges

OCT 29 1975

Gentlemen:

The Commission has issued the enclosed Amendment No. 14 to Facility Operating License No. DPR-23 for the H. B. Robinson Steam Electric Plant Unit No. 2. The amendment includes Change No. 39 to your Technical Specifications and is in response to your request dated October 10, 1975.

This amendment revises provisions in the Technical Specification relating to the surveillance technique employed for examining certain welds in your inservice inspection program.

Copies of the related Safety Evaluation and the Federal Register Notice are also enclosed.

Sincerely,

Robert W. Reid, Chief  
Operating Reactors Branch 4  
Division of Reactor Licensing

Enclosures:

- 1. Amendment No. 14
- 2. Safety Evaluation
- 3. Federal Register Notice

cc: See next page

*RLR*

*Gallo - add Robinson-2  
interior to distribution  
A-4*

OFFICE ➤	RL:ORB 4 <i>RLR</i>	RL:ORB 4 <i>RLR</i>	RL:ORB 4 <i>RLR</i>	OELD <i>Gallo</i>		
SURNAME ➤	RIngram/BK	DBridges	RReid			
DATE ➤	10/24/75	10/24/75	10/29/75	10/21/75		

Carolina Power & Light Company

cc: w/enclosures

G. F. Trowbridge, Esq.  
Shaw, Pittman, Potts, Trowbridge & Madden  
Barr Building  
910 17th Street, N. W.  
Washington, D. C. 20006

Mr. McCuen Morrell, Chairman  
Darlington County Board of Supervisors  
County Courthouse  
Darlington, South Carolina 29532

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

cc: w/enclosures & incoming

Office of Intergovernmental Relations  
116 West Jones Street  
Raleigh, North Carolina 27603

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

Docket No. 50-261

Carolina Power & Light Company  
ATTN: Mr. J. A. Jones  
Senior Vice President  
336 Fayetteville Street  
Raleigh, N. C. 27602

OCT 29 1975

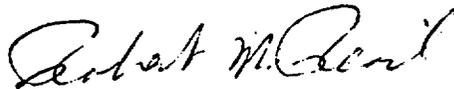
Gentlemen:

The Commission has issued the enclosed Amendment No. 14 to Facility Operating License No. DPR-23 for the H. B. Robinson Steam Electric Plant Unit No. 2. The amendment includes Change No. 39 to your Technical Specifications and is in response to your request dated October 10, 1975.

This amendment revises provisions in the Technical Specifications relating to the surveillance technique employed for examining certain welds in your inservice inspection program.

Copies of the related Safety Evaluation and the Federal Register Notice are also enclosed.

Sincerely,



Robert W. Reid, Chief  
Operating Reactors Branch 4  
Division of Reactor Licensing

Enclosures:

1. Amendment No. 14
2. Safety Evaluation
3. Federal Register Notice

cc: See next page

Carolina Power & Light Company

cc: w/enclosures

G. F. Trowbridge, Esq.  
Shaw, Pittman, Potts, Trowbridge & Madden  
Barr Building  
910 17th Street, N. W.  
Washington, D. C. 20006

Mr. McCuen Morrell, Chairman  
Darlington County Board of Supervisors  
County Courthouse  
Darlington, South Carolina 29532

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

cc: w/enclosures & incoming

Office of Intergovernmental Relations  
116 West Jones Street  
Raleigh, North Carolina 27603

John D. Whisenhunt, Esq.  
Bridges and Whisenhunt  
Bridges Building  
P. O. Box 26  
Florence, South Carolina 29501

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. 14  
License No. DPR-23

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Carolina Power & Light Company dated October 10, 1975, 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; and
  - 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.
2. Accordingly, the license is amended by a change to the Technical Specifications as indicated in the attachment to this license amendment and Paragraph 3.B. of Facility License No. DPR-23 is hereby amended to read as follows:

"B. Technical Specifications

The Technical Specifications contained in Appendix A, as revised, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications, as revised by issued changes thereto through Change No. 39."

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

FOR THE NUCLEAR REGULATORY COMMISSION



Robert W. Reid, Chief  
Operating Reactors Branch 4  
Division of Reactor Licensing

Attachment:

Change No. 39

Technical Specifications

Date of Issuance:

OCT 29 1975

ATTACHMENT TO LICENSE AMENDMENT NO. 14

CHANGE NO. 39 TO THE TECHNICAL SPECIFICATIONS

FACILITY OPERATING LICENSE NO. DPR-23

DOCKET NO. 50-261

Replace the 5th page of Table 4.2-1 with the attached revised page. The changed area on the revised page is shown by a marginal line.

TABLE 4.2-1 (Cont'd)

<u>Item No.</u>	<u>Examination Category</u>	<u>Components and Parts To Be Examined</u>	<u>Method</u>	<u>Extent of Examination (Percent in 10 Year Interval)</u>	<u>Extent of Examination (Percent in 5 Year Interval)</u>	<u>Remarks</u>
4.1	F	<u>Piping Pressure Boundary</u> Vessel, pump and valve safe-ends to primary pipe welds and safe-ends in branch piping welds	Visual and Surface and Volumetric	100%	0%	This examination covers only the pressurizer safe-ends.
4.2	J	Circumferential and longitudinal pipe welds	Visual and Volumetric	25%	5%	1) Exception is taken to inaccessible welds. 2) Exception is taken for socket welds.
4.3	C-1	Pressure-retaining bolting		Not Applicable	Not Applicable	
4.4	C-2	Pressure-retaining bolting	Visual	100%	33%	
4.5	K-1	Integrally welded supports	Visual and Volumetric	100%	33%	Exception is taken for supports which are not accessible. Surface examinations will be performed in lieu of volumetric examinations on fillet welds.
4.6	K-2	Piping support and hanger	Visual	100%	33%	Exception is taken for those supports which are not accessible.
5.1	L-1	<u>Pump Pressure Boundary</u> Pump casing welds		0%	0%	No meaningful ultrasonic examinations can be performed on these welds.

OCT 29 1975

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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 14 TO LICENSE NO. DPR-23

CHANGE NO. 39 TO TECHNICAL SPECIFICATIONS

CAROLINA POWER AND LIGHT COMPANY

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

DOCKET NO. 50-261

Introduction

By letter dated October 10, 1975, Carolina Power and Light Company (the licensee) requested a change to the Technical Specifications appended to Facility Operating License No. DPR-23 for the H. B. Robinson Steam Electric Plant Unit No. 2. This change involved a revision in the surveillance technique employed for examining certain welds in connection with the inservice inspection program.

Evaluation

The licensee desires to revise item number 4.5 of Table 4.2-1 of the inservice inspection program to indicate that a surface examination will be performed on integrally welded pipe supports of the primary system having fillet welds instead of the currently specified volumetric examination. Present Technical Specifications require that integrally welded pipe supports be inspected both visually and volumetrically. The latter method, the volumetric examination, is performed to indicate the presence of sub-surface discontinuities and is normally capable of examining the entire volume of metal contained beneath the surface of the area being examined. However, the volumetric examination method does not provide meaningful results for certain classes of welds, viz fillet welds (a corner weld usually joining metals at right angles) and, hence, is not applicable for that class of welds.

The licensee has proposed that for fillet welds the volumetric examination method (which is not applicable) be replaced by a surface examination method which will provide meaningful results. The visual inspection requirement will be retained. The change from volumetric examination to surface inspection for the welds on these pipe supports is a change in inspection methods and will not significantly affect the reliability of the support. We conclude that the change is acceptable as it serves to introduce a needed change in inspection methods employed for the examination of integrally welded pipe supports for the primary coolant system.

## Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the change 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 change 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.

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-261

CAROLINA POWER & LIGHT COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY

OPERATING LICENSE

Notice is hereby given that the U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 14 to Facility Operating License No. DPR-23 issued to Carolina Power & Light Company which revised Technical Specifications for operation of the H. B. Robinson Steam Electric Plant Unit No. 2, located in Darlington County, Hartsville, South Carolina. The amendment is effective as of its date of issuance.

The amendment revises provisions in the Technical Specifications relating to the surveillance technique employed for examining certain welds in the inservice inspection program.

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 is not required since the amendment does not involve a significant hazards consideration.

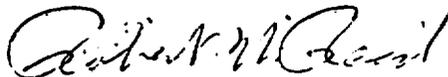
For further details with respect to this action, see (1) the application for amendment dated October 10, 1975, (2) Amendment No. 14 to License No. DPR-23, with Change No. 39 and (3) the Commission's

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 & Fifth Avenue, Hartsville, South Carolina.

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 Reactor Licensing.

Dated at Bethesda, Maryland, this 29th day of October, 1975

FOR THE NUCLEAR REGULATORY COMMISSION



Robert W. Reid, Chief  
Operating Reactors Branch 4  
Division of Reactor Licensing