

MAR 27 1973

Docket No. 50-261

Carolina Power & Light Company
ATTN: Mr. E. E. Utley, Vice President
Bulk Power Supply Department
336 Fayetteville Street
Raleigh, North Carolina 27602

Change No. 15
License No. DPR-22

Gentlemen:

Your TWX dated March 20, 1973, submitted a proposed change to the Technical Specifications of Operating License No. DPR-23 for the H. B. Robinson Unit No. 2. The proposed change permits testing at reduced flow rates for DOP and Halon testing of charcoal and HEPA filters for the Spent Fuel Building and the Containment Purge Exhaust System.

We have reviewed your application for the proposed change and have designated our action as Change No. 15. We conclude that Change No. 15 does not present significant hazards considerations not described or implicit in the Safety Analysis Report and that there is reasonable assurance that the health and safety of the public will not be endangered.

Pursuant to 10 CFR Part 50, Section 50.59, the Technical Specifications appended to Facility Operating License No. DPR-23 are changed as shown in Attachment A.

Sincerely,

Original Signed by
D. J. Skovholt

Donald J. Skovholt
Assistant Director for
Operating Reactors
Directorate of Licensing

Enclosures:

1. Attachment A - Change No. 15
to the Technical Specifications
2. Safety Evaluation for Change No. 15

cc w/enclosures: see next page

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cc w/enclosures:

George F. Trowbridge, Esquire
Shaw, Pittman, Potts, Trowbridge
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ATTACHMENT A

CHANGE NO. 15 TO THE TECHNICAL SPECIFICATIONS

CAROLINA POWER & LIGHT COMPANY

DOCKET NO. 50-261

The following change is to be made in the Technical Specifications.

Table 4.1-3, Item 16

In the column entitled "Check" replace the second sentence with the words: "DOP tests on HEPA filters to show $\geq 99.95\%$ removal of DOP at $\geq 20\%$ of design flow. Halon tests on charcoal filters to show $\geq 99.9\%$ of Halon removal at $\geq 20\%$ of design flow. After July 1, 1973, both tests must be conducted at 100% of design flow."

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Files (Robinson-2, Docket No. 50-261) **Original signed by**
THRU: R. J. Schemel, Chief, ORB #1, L Robert J. Schemel

SAFETY EVALUATION FOR CHANGE NO. 15

The licensee's application supports Change No. 15. As the licensee states, DOP testing is more sensitive at 20% flow than at full flow according to ORNL-NSIC-65; however, ORNL-NSIC-65 does not state that Halon testing is more sensitive at low flows. Uncertainties regarding corrosion effects caused by introducing Halon and difficulties in generating the required full flow Halon concentrations support Halon testing at lower flows. Further investigation should be performed before concluding that a Halon test at 20% flow is acceptable for long term considerations. Because Halon testing has been satisfactorily performed by the Robinson plant at 20% flow, and because the advantage, if any, of full flow testing is not more clearly established, Halon testing at 20% flow is judged satisfactory on a temporary basis. Full flow testing will be a long term requirement for Halon testing unless further evaluation provides additional support for testing at reduced flow.

We conclude that Change No. 15 does not present significant hazards considerations not described or implicit in the Safety Analysis Report and that there is reasonable assurance that the health and safety of the public will not be endangered.

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V. L. Rooney
Operating Reactors Branch #1
Directorate of Licensing

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