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| Carolina Power & Light Company Raleigh, N. C. 27602 E. E. Utley | | 2-22-73 | 2-28-73 | X | | | |
| TO: | | ORIG | CC | OTHER | SENT AEC PDR <u>X</u> SENT LOCAL PDR <u>X</u> | | |
| Mr. Skovholt | | 3 signed | | | | | |
| CLASS: <u>U</u> PROP INFO | | INPUT | NO CYS REC'D | DOCKET NO: | | | |
| | | X | 40 | 50-261 | | | |
| DESCRIPTION: Ltr requesting change to Tech Specs - Control Rod Insertion Limits..... | | | ENCLOSURES: | | | | |
| PLANT NAMES: H. B. Robinson Unit No. 2 | | | <p align="center">Do Not Remove ACKNOWLEDGED</p> | | | | |

FOR ACTION/INFORMATION 2-28-73 AB

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| ✓ 16-CYS ACRS HOLDING SENT TO LIC ASST. | | Rm C-427, GT) |
| S. TEETS | | 1-RD...MULLER...F-309GT |

Regulatory

File CV.

CP&L

Carolina Power & Light Company

February 22, 1973

Mr. D. J. Skovholt
Asst. Director for Operating Reactors
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

50-261



H. B. ROBINSON UNIT NO. 2
LICENSE DPR-23
REQUEST FOR REVISION OF TECHNICAL SPECIFICATIONS
CONTROL ROD INSERTION LIMITS

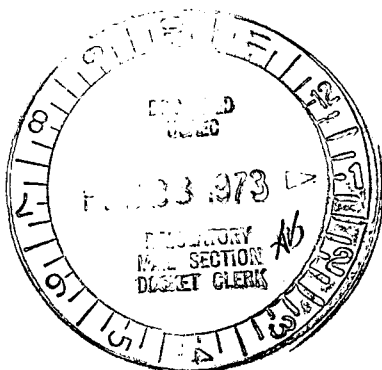
Dear Mr. Skovholt:

During our startup physics testing prior to operation of Cycle 2 of the H. B. Robinson Plant, we are planning to perform a test to determine the minimum shutdown boron concentration for the condition of all full length control rods, except the most worthy one, fully inserted in the core and part length rods fully withdrawn. This test is significant for comparison of calculated and measured rod worths for this condition and for an accurate determination of the shutdown margin provided by the control rods. In order to perform the test with the above configuration of control rods, a change to the Technical Specifications is required. Previously, the test was performed with a shutdown bank only partially inserted in order to meet the Technical Specification 3.10.1.5 that the required shutdown margin specified in Figure 3.10-2 must be maintained. The change would permit the bypassing of this requirement for the short period of time that the rod banks would be fully inserted, and would not place the plant in an unsafe condition. It would provide a more accurate determination of the rod worth present in the plant and improve knowledge of the available shutdown margin. The proposed change is consistent with specifications in effect in other plants of similar design to the Robinson Plant. Thus, in order to provide a more accurate determination of the minimum shutdown boron concentration for the Robinson Plant, Carolina Power & Light requests the following Technical Specification change:

Section

Specification 3.10.1.5

Delete this paragraph and replace with the following: "During physics tests and control rod exercises, the insertion limits need not be observed, but the Figure 3.10-2 must be observed except for the low-power physics test to measure control rod worth and shutdown margin. For this test, the reactor may be



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Specification 3.10.1.5
(Cont'd)

critical with all but one full-length control rod (expected to have the highest worth) inserted and part length rods fully withdrawn. This condition will be allowed to exist for a period not to exceed two hours per year and provided that a rod drop test be performed on the withdrawn full length rod prior to this condition being achieved."

Very truly yours,



E. E. Utley
Vice President
Bulk Power Supply

DBW/za

cc: Mr. C. D. Barham
Mr. N. B. Bessac
Mr. B. J. Furr
Mr. D. V. Menscer