

OCT 26 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. 25  
License No. DPR-23

Gentlemen:

Your letter dated October 19, 1973, requested a change to the Technical Specifications that would change the definition (b) of Technical Specification 3.10.2.1.1 by deleting the inclusion of factors for engineering tolerances and measurement uncertainty in  $F_{qi}^N$ . We agree that clarification of the definitions is required and after discussions with your staff, we have added clarifying definitions for  $F_{qi}^N$  and  $[F_j(z) S(z)]_{max}$  in addition to the deletions which you propose. These changes make clear that the factors for measurement uncertainty  $F_{qi}^N$  and  $F_q^a$  are included in the limits.

We conclude that these changes to the Technical Specifications do not involve a significant hazards consideration and that there is reasonable assurance that the health and safety of the public will not be endangered.

Accordingly, pursuant to Section 50.59 of 10 CFR Part 50, the Technical Specifications appended to Facility Operating License No. DPR-23 are hereby changed to revise item (b) of Section 3.10.2.1.1 to read as follows:

"(b)  $\bar{R}_j$ , for thimble j, is determined from core power maps i and is by definition:

$$\bar{R}_j = 1/6 \sum_{i=1}^6 \frac{F_{qi}^N}{[F_{1j}(z) S(z)]_{max}}$$

$F_{qi}^N$  is the value obtained from a full core map without the measurement uncertainty factor  $F_{qi}^N$ . The quantity  $[F_{1j}(z) S(z)]_{max}$  is the measured value without inclusion of the instrument uncertainty factor  $F_q^a$ . These uncertainty factors,  $F_{qi}^N = 1.05$  and  $F_q^a = 1.02$ , have been included in the limiting values of 2.184/P for regions 2 and 3 fuel and 2.325/P for region 4 fuel."

Sincerely,

Original signed by  
Donald J. Skovholt

OFFICE ▶			Donald J. Skovholt		
SURNAME ▶			Assistant Director for		
DATE ▶			Operating Reactors		
			Directorate of Licensing		

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cc: G. F. Trowbridge, Esquire  
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