

SEPTEMBER 19 1978

Docket Nos. 50-250
and 50-251

Florida Power and Light Company
ATTN: Robert E. Uhrig, Vice President
Advanced Systems and Technology
Post Office Box 529100
Miami, Florida 33152

Gentlemen:

We had discussions with members of your staff last week regarding the matter of demonstrating that the reactor core, following the upcoming Unit 4 reload for Cycle 5 operation, will behave as predicted within the expected accuracy of ± 10 percent. During that discussion, we learned that the sum of the worths of the rod banks measured following reload for Unit 4 Cycle 4 operation exceeded this expected ± 10 percent accuracy. (The sum of these worths was 13% less than predicted.)

Within 90 days of the date of this letter, we request that you provide the basis on which you determined that it was safe to operate Unit 4 for Cycle 4 with this 13% deviation from predicted values. Include a summary of any reanalyses performed by or for you that demonstrated that these lower rod worths were acceptable.

It is our position that on future reloads, including the present Unit 4 Cycle 5 reload, that you should obtain start up test data as indicated in Branch Position DOR-1 "Guidance for Reload Submittals". A copy of DOR-1 was provided to you earlier. In particular, with regard to rod bank worth if any one bank differs from the predicted value by more than 15%; or if the sum of the measured worths of the regulating banks differs from the predicted value by more than 10%, the first shutdown bank should also be measured. If the sum of measured worths of the regulating banks and the first shutdown bank differs from the predicted value by more than 10%, the worth of additional shutdown bank should be measured to verify the existence of the shutdown margin specified in the Technical Specifications. If the sum of the worths of

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all measured rod banks still differs by more than 10% from the predicted value, you are requested to notify the Division of Operating Reactors of this fact before taking the plant to power. Such notification should include the basis on which you conclude that operation with more than a 10% difference from predicted performance is safe.

We request that you provide a commitment to this position before you startup for Unit 4 Cycle 5.

Sincerely,

/s/

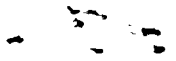
A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

cc: See next page

Distribution
Docket Files 50-250
and 50-251

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SURNAME➤	MGrotenhuis	PCheck	DGEisenhut	ASchwencer		
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