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DOCKET NOS. 50-269  
50-270  
50-287

Duke Power Company  
ATTN: Mr. William O. Parker, Jr.  
Vice President - Steam Production  
Power Building  
422 South Church Street  
Charlotte, North Carolina 28242

Gentlemen:

This office has received a copy of your September 18, 1978 application for amendment to Facility License Nos. DPR-38, DPR-47, and DPR-55 which you filed with the Office of Nuclear Reactor Regulation. The application proposes Technical Specification changes required to support operation of Oconee 2 at full rated power during Cycle 4 and revisions incorporating xenon reactivity considerations and other changes for Oconee 1, 2, and 3. Amendment fees totalling \$4,800 for a Class III amendment and two Class I amendments were forwarded with your letter of September 18.

We have determined from our preliminary review that the requested action falls in Class IV (\$12,300) for Oconee 2 because this review involves a complex issue, and Class I for both Oconee 1 and Oconee 3 (\$400 each) for duplicate amendments. You should forward the additional \$8,300 promptly to this office. If after the final evaluation of your application is completed it is determined that it was incorrectly classified, you will be refunded any overpayment or billed for any additional amount due.

If we can be of assistance to you, call 301/492-7225.

Sincerely,

Original Signed by

Wm. O. Miller

William O. Miller, Chief  
License Fee Management Branch  
Office of Administration

OFFICE >	LFMB:ADM	LFMB:ADM	LFMB:ADM						
SURNAME >	RMDiggs:slc	WOMiller							ccp app 3
DATE >	10/ /78	10/ /78							

DOCKET NOS. 50-269  
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SEP 22 1978

DISTRIBUTION:  
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Duke Power Company  
 ATTN: Mr. William O. Parker, Jr.  
 Vice President - Steam Production  
 Power Building  
 422 South Church Street  
 Charlotte, North Carolina 28242

Gentlemen:

This office has received a copy of your June 26, 1978 application for amendment to Facility License Nos. DPR-38, DPR-47, and DPR-55 which you filed with the Office of Nuclear Reactor Regulation. The application proposes Technical Specification changes required to support operation of Oconee 1 at full rated power during Cycle 5 and revisions incorporating xenon reactivity considerations for Oconee 1, 2, and 3. Amendment fees totalling \$4,800 for a Class III amendment and two Class I amendments were forwarded with your letter of June 26.

We have determined from our preliminary review that the requested action falls in Class IV (\$12,300) for Oconee 1 because this review involves a complex issue, and Class I for both Oconee 2 and Oconee 3 (\$400 each) for duplicate amendments. You should forward the additional \$8,300 promptly to this office. Fees are payable to the U.S. Nuclear Regulatory Commission by check, draft, or money order. If after the final evaluation of your application is completed it is determined that it was incorrectly classified, you will be refunded any overpayment or billed for any additional amount due.

If we can be of assistance to you, call 301/492-7225.

Sincerely,

Original Signed by  
 Wm. O. Miller

William O. Miller, Chief  
 License Fee Management Branch  
 Office of Administration

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OFFICE →	LFMB:ADM	LFMB:ADM	LFMB:ADM	LFMB:ADM	
SURNAME →	ECoupe:fb	RDiggs	CJHolloway	WOMiller	
DATE →	9/19/78	9/20/78	9/21/78	9/22/78	

August 21, 1978

Docket No. 50-269

Duke Power Company  
ATTN: Mr. William O. Parker, Jr.  
Vice President - Steam  
Production  
P. O. Box 2178  
422 South Church Street  
Charlotte, North Carolina 28242

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Gentlemen:

In order to complete our review of your Oconee Unit 1 - Cycle 5 reload submittal of June 26, 1978, we find that we need additional information.

It is requested that you provide the information identified in the enclosure to enable us to complete our review. Kindly submit three signed originals and 37 additional copies within 30 days of receipt of this letter.

Sincerely,

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

Enclosure:  
Request for Additional  
Information

cc w/enclosure: See next page

AA3  
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OFFICE	ORB#4:DOR	C-ORB#4:DOR			
SURNAME	MFairtile:dn	RWReid			
DATE	8/21/78	8/21/78			

Duke Power Company

cc: Mr. William L. Porter  
Duke Power Company  
P. O. Box 2178  
422 South Church Street  
Charlotte, North Carolina 28242

J. Michael McGarry, III, Esquire  
DeBevoise & Liberman  
700 Shoreham Building  
806-15th Street, NW.,  
Washington, D.C. 20005

Oconee Public Library  
201 South Spring Street  
Walhalla, South Carolina 29691

REQUEST FOR ADDITIONAL INFORMATION

OCONEE 1 - CYCLE 5 RELOAD

1. Provide the analysis which justifies the xenon reactivity Technical Specification 3.5.2.6.a.3 requested in your letter of June 26, 1978.
2. Your present Technical Specifications allow prolonged operation with a quadrant tilt up to 20% due to causes other than a misaligned control rod. Discuss any potential mechanism other than misaligned control rods that could generate a quadrant tilt equal to or greater than 20%.
3. You indicate in BAW-1493 that "The shuffle pattern for Cycle 5 was designed to minimize the effects of any power tilt present in Cycle 4." Provide a detailed description of what was done.
4. You have stated in phone conversations that the action to be taken, if the sum of the worth of groups 5, 6 and 7 differs from predicted by more than +10%, is to measure group 4 by dilution. And that if the sum of the worths of groups 4, 5, 6 and 7 differs from the predicted by more than +10%, additional measurements, as well as evaluation of the discrepancy, will be made. Please provide these statements as an amendment to your 6/23/78 letter on startup testing.
5. Your description of ejected control rod reactivity worth tests in the June 23, 1978 letter does not state that 4 symmetric control rods will be measured. As stated in BAW-1477-"Oconee 1 Cycle 4 Quadrant Flux Tilt," page 12, this test "has proven to be an indicator of core symmetry." Please indicate if measurement of ejected rod worth at 4 symmetric locations is part of your test program for the Cycle 5 core.
5. It is requested that a brief summary report of physics startup tests be submitted to the NRC within 45 days of completion of the startup tests. This report should include both measured and predicted values. If the difference between the measured and predicted value exceeded the acceptance criterion, the report should discuss the actions that were taken and justify the adequacy of these actions. Kindly inform us if such a report will be submitted.