

OCT 10 1978

DOCKET NOS. 50-269
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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 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			ccp app 3
SURNAME	RMDiggs:slc	WOMiller				
DATE	10/ /78	10/ /78				

DOCKET NOS. 50-269
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SEP 22 1978

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

DISTRIBUTION:
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Docket Files (3)
Reactor Files (3)
M. Fairtile, ORB-4
R. Ingram, ORB-4
R. Diggs, LFMB
E. Coupe, LFMB
Reading File (2)

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

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

MBF

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

AA3

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 $\pm 10\%$, 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 $\pm 10\%$, 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.