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FACIL:50-269 Oconee Nuclear Station, Unit 1, Duke Power Co. 05000269
AUTH.NAME AUTHOR AFFILIATION
PARKER,W.O. Duke Power Co.
RECIP.NAME RECIPIENT AFFILIATION
DENTON,H.R. Office of Nuclear Reactor Regulation, Director
REID,R.W. Operating Reactors Branch 4

SUBJECT: Tech Specs correcting administrative errors for 3.5.2-1A2, 3.5.2-2A2,3.5.2-3A2 & 3.5.2-4A2.Formal proposed Tech Specs to be submitted by separate correspondence.

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NOTES:M Cunningham:all amends to FSAR & changes to Tech Specs. 05000269
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December 12, 1980

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. R. W. Reid, Chief
Operating Reactors Branch No. 4

Re: Oconee Nuclear Station
Docket No. 50-269

Dear Sir:

On August 6, 1979, Duke Power Company submitted proposed changes to the Oconee Nuclear Station Technical Specifications which were required to support the operation of Oconee Unit 1 at full rated power during Cycle 6. Oconee Nuclear Station Figures 3.5.2-1A2, 3.5.2-2A2, 3.5.2-3A2, and 3.5.2-4A2 were submitted with title blocks allowing operation beyond 200 $\pm$ 10 EFPD. These figures were based on a nominal Cycle 5 length of 320 $\pm$ 10 EFPD and would be valid for a nominal Cycle 6 length of 372 $\pm$ 10.

Oconee Unit 1 was shutdown for refueling November 21, 1979 at 303.6 EFPD in Cycle 5. This cycle length was outside the 320 $\pm$ 10 EFPD shutdown window assumed when the Cycle 6 reload licensing analyses were performed. Cycle 6 was reanalyzed based on a 300 EFPD Cycle 5 length. The nuclear, thermal-hydraulic, mechanical, accident, and radiation reanalyses were completed, and no technical specification changes were required in addition to those previously provided for Cycle 6. The Staff was informed of these results in a letter dated December 31, 1979.

The reduction in the Cycle 5 length by 20 EFPD had only a minor influence on the Cycle 6 performance characteristics. The beginning of cycle (BOC) burnups were 321 MWd/mtU lower on the average than in the original Cycle 6, and the inherent higher BOC reactivity translated into a Cycle 6 length of 383 EFPD rather than the initial nominal design length of 372 EFPD.

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By letter dated February 22, 1980, the Staff issued amendments which authorized full power operation of Oconee 1 during Cycle 6 and were based on our submittals dated August 6, 1979, August 22, 1979, December 31, 1979, and January 28, 1980. The Oconee Unit 1 figures mentioned above were revised by the Staff to read "after 200 ± 10 EFPD to 372 ± 10 EFPD." The appropriate end-of-cycle 6 operating limit time window is 383 ± 10 EFPD because of the shortened length of Cycle 5. The safety analysis of Cycle 6 continues to be valid with the Cycle 6 length of 383 ± 10 EFPD. It is requested that the Staff revise the title blocks to read "383 ± 10 EFPD vice 372 ± 10 EFPD" for figures 3.5.2-1A2, 3.5.2-2A2, 3.5.2-3A2, and 3.5.2-4A2.

It is considered that this request corrects administrative errors in the title blocks of four figures of the Technical Specifications which were made by the staff prior to issuance. As such, license fees are not considered to be required.

By separate correspondence, Duke Power Company will submit a proposed Technical Specification which addresses this issue.

Very truly yours,

William O. Parker, Jr.

JLJ:scs