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 FACIL: 50-269 Oconee Nuclear Station, Unit 1, Duke Power Co.  
 50-270 Oconee Nuclear Station, Unit 2, Duke Power Co.  
 50-287 Oconee Nuclear Station, Unit 3, Duke Power Co.

DOCKET #  
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AUTH. NAME: PARKER, W.O. AUTH. AFFILIATION: Duke Power Co.  
 RECIP. NAME: DENTON, H.R. RECIPIENT AFFILIATION: Office of Nuclear Reactor Regulation, Director  
 STOLZ, J.F. Operating Reactors Branch 4

SUBJECT: Forwards proposed amend to OL revising Tech Specs 2.1 & 2.3  
 re reactor core safety limits & protective instrumentation  
 limiting safety sys settings, respectively.

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# DUKE POWER COMPANY

POWER BUILDING

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WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

TELEPHONE: AREA 704  
373-4083

September 10, 1981

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

Attention: Mr. J. E. Stolz, Chief  
Operating Reactors Branch No. 4

Re: Oconee Nuclear Station  
Docket Nos. 50-269, -270, -287



Dear Sir:

Pursuant to 10 CFR 50, §50.90 please find attached a proposed amendment to the Oconee Nuclear Station Facility Operating License to revise portions of the following Oconee Technical Specifications:

- 2.1 Safety Limits, Reactor Core
- 2.3 Limiting Safety System Settings, Protective Instrumentation

These changes are necessary to reflect the current calculated string errors used in the determination of Reactor Protective System setpoints. The errors used in the determination of maximum nuclear power and maximum reactor coolant temperature have been conservatively calculated for Oconee Unit 3. Based on a comparison of instrumentation installed on each unit, the errors established for Oconee Unit 3 have been determined to bound those for Oconee Units 1, 2. Thus, for the above two setpoints, the proposed change is requested for all three units. Because these new setpoints are conservative with respect to the existing Specifications, they have been implemented on Oconee Units 2, 3 and will be implemented on Oconee Unit 1 prior to restart from the current refueling outage.

The remaining changes to Technical Specifications, Core Protection Safety Limits, and Protective System Maximum Allowable Setpoints are for Oconee Unit 3 only. These setpoint changes will be implemented prior to 200 EFPD burn-up of Oconee Unit 3, Cycle 6. The equivalent analyses for Oconee Units 1, 2 are in progress. Changes are not required for the current cycle of operation. The results of the analysis for Oconee Unit 1 will be provided as a supplement to Cycle 7 reload submittal (Duke letter dated May 29, 1981) currently under Staff review. The results of the analysis for Oconee Unit 2 are expected to be included in the Cycle 6 reload submittal, currently expected to be submitted for Staff review in September.

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Mr. Harold R. Denton, Director  
September 10, 1981  
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Pursuant to 10 CFR 170, §170.22, this license amendment request has been determined to consist of one Class III and two Class I license fees in that the request involves a single safety issue not involving a significant hazards consideration and is applicable to all three Oconee Units.

Very truly yours,

*William O. Parker, Jr.*

William O. Parker, Jr.

*By [Signature]*

RLG/php  
Attachment