

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8402210174 DOC. DATE: 84/02/13 NOTARIZED: YES DOCKET #  
 FACIL: 50-269 Oconee Nuclear Station, Unit 1, Duke Power Co. 05000269  
 50-270 Oconee Nuclear Station, Unit 2, Duke Power Co. 05000270  
 50-287 Oconee Nuclear Station, Unit 3, Duke Power Co. 05000287

AUTH. NAME AUTHOR AFFILIATION  
 TUCKER, H. B. Duke Power Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
 DENTON, H. R. Office of Nuclear Reactor Regulation, Director  
 STOLZ, F. R. Operating Reactors Branch 4

SUBJECT: Application for amend to Licenses DPR-38, DPR-47 & DPR-55 re proposed Tech Spec change to core protection safety limits, protective sys max allowable setpoints & rod position limits.

DISTRIBUTION CODE: A001S COPIES RECEIVED: LTR 1 ENCL 40 SIZE: 4+119  
 TITLE: OR Submittal: General Distribution

NOTES: AEOD/Ornstein:1cy. 05000269  
 AEOD/Ornstein:1cy. 05000270  
 AEOD/Ornstein:1cy. 05000287

RECIPIENT ID CODE/NAME	COPIES LTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTR ENCL
NRR ORB4 BC 01	7 7		

INTERNAL: ELD/HDS4	1 0	NRR/DE/MTEB	1 1
NRR/DL DIR	1 1	NRR/DL/ORAB	1 0
NRR/DSI/METB	1 1	NRR/DSI/RAB	1 1
REG FILE 04	1 1	RGN2	1 1

EXTERNAL: ACRS 09	6 6	LPDR 03	1 1
NRC PDR 02	1 1	NSIC 05	1 1
NTIS	1 1		

NOTES: 1 1

Rec'd w/check #4,800

**DUKE POWER COMPANY**

P.O. BOX 33189  
CHARLOTTE, N.C. 28242

HAL B. TUCKER  
VICE PRESIDENT  
NUCLEAR PRODUCTION

February 13, 1984

TELEPHONE  
(704) 373-4531

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

Attention: Mr. John F. Stolz, Chief  
Operating Reactors Branch No. 4

Subject: Oconee Nuclear Station  
Units 1, 2, and 3  
Docket Nos. 50-269, -270, -287

Dear Sir:

Pursuant to 10 CFR 50, §50.90, please find attached (Attachment 1) proposed changes to the Oconee Nuclear Station (ONS) Technical Specifications which are required to support the operation of Oconee Unit 3 at full rated power during Cycle 8.

This proposal contains changes which concern the following:

1. Core Protection Safety Limits of Specification 2.1;
2. Protective System Maximum Allowable Setpoints of Specification 2.3;
3. Rod Position Limits of Specification 3.5.2.

In addition to the Unit 3 reload Technical Specification changes, an administrative change in the way the figures are identified (i.e., figure number) in Section 3.5.2, Control Rod Group and Power Distribution Limits, is enclosed. This revision simplifies the way the figures are numbered, thereby avoiding errors during any future updates of these curves. This has resulted in the assignment of new page numbers for several pages.

Also attached (Attachment 3) is "Oconee Unit 3, Cycle 8 Reload Report". This report includes a summary of Cycle 8 operating parameters and contains the safety analyses supporting the operation of Oconee 3, Cycle 8 core at rated power in accordance with the Technical Specification provided. This reload report employs a LOCA analysis which incorporates the NUREG-0630 data.

Startup testing of Oconee Unit 3 Cycle 8 will be performed in accordance with a modified version of the report entitled, "Oconee Nuclear Station Generic Startup Physics Test Program", which was initially approved by the Staff by a March 23, 1981 letter and as modified by the May 29, 1981 and May 19, 1983 Duke letters.

8402210174 840213  
PDR ADOCK 05000269  
PDR

Acc'd  
1/40  
Rec'd w/REC'd \$4,800

Mr. Harold R. Denton, Director

February 13, 1984

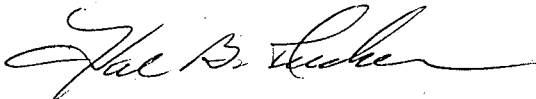
Page 2

Duke submits that the activities associated with the proposed amendment do not constitute a significant hazard to the public health and safety of the environment. Analysis of the proposed amendment was performed in accordance with the standards contained in §50.92 regarding the issue of no significant hazards consideration. Please find attached (Attachment 2) the No Significant Hazards Consideration Evaluation. Further, Duke is forwarding a copy of this application to the South Carolina Department of Health and Environmental Control for review and, as appropriate, subsequent consultation with the Staff.

Oconee Unit 3 is expected to shut down March 2, 1984 to commence the Cycle 8 refueling outage. The present planned outage duration is 70 days. The NRC will be kept apprised of the schedule for restart through the Project Manager.

The proposed license amendment concerning the reload design calculation for Oconee 3, Cycle 8 was conducted consistent with Duke Technical Report NFS-1001, "Oconee Nuclear Station Reload Design Methodology", which was reviewed and accepted by the Staff in a letter dated July 29, 1981. The proposed revision in the way the figures are identified is considered to be an administrative change. As such, this proposed revision to the ONS Technical Specifications is considered to be one Class III amendment for Unit 3 and two Class I amendments for Units 1 and 2. Therefore, pursuant to 10 CFR 170, §170.12, please find enclosed a check in the amount of \$4800 for all applicable licensing fees.

Very truly yours,



Hal B. Tucker

PFG/php

Attachment

cc: Mr. James P. O'Reilly, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30303

Mr. John F. Suermann  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

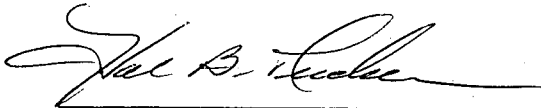
Mr. Harold R. Denton, Director  
February 13, 1984  
Page 3

cc: Mr. J. C. Bryant  
NRC Resident Inspector  
Oconee Nuclear Station

Mr. Hayward Shealey, Chief  
Bureau of Radiological Health  
South Carolina Department of Health and Environmental Control  
2600 Bull Street  
Columbia, South Carolina 29201

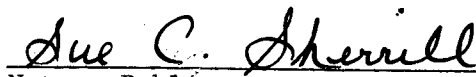
Mr. Harold R. Denton, Director  
February 13, 1984  
Page 4

HAL B. TUCKER, being duly sworn, states that he is Vice President of Duke Power Company; that he is authorized on the part of said Company to sign and file with the Nuclear Regulatory Commission this request for amendment of the Oconee Nuclear Station Technical Specifications, Appendix A to Facility Operating Licenses DPR-38, DPR-47, and DPR-55; and that all statements and matters set forth therein are true and correct to the best of his knowledge.



Hal B. Tucker, Vice President

Subscribed and sworn to before me this 13th day of February, 1984.

  
Notary Public

My Commission Expires:

September 20, 1984