

# REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8602240261 DOC. DATE: 86/02/12 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 (post 851125  
 STOLZ, J. F. PWR Project Directorate 6

SUBJECT: Application for amends to Licenses DPR-38, DPR-47 & DPR-55,  
 changing Tech specs governing operation & maint of  
 containment hydrogen recombiner sys as primary method to  
 maintain post-accident atmosphere below limit. Fee paid.

DISTRIBUTION CODE: A001D COPIES RECEIVED: LTR 1 ENCL 40 SIZE: 3+11  
 TITLE: OR Submittal: General Distribution

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

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL		RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PWR-B ADTS	1 0		PWR-B PD6 PD 01	5 5
	PWR-B EB	1 1		PWR-B PEICSB	1 1
	PWR-B FOB	1 1		NICOLARAS, H	1 1
	PWR-B PEICSB	1 1		PWR-B RSB	1 1
INTERNAL:	ADM/LFMB	1 0		ELD/HDS4	1 0
	NRR/DHFT/TSCB	1 1		NRR/DSRO/RRAB	1 1
	NRR/ORAS	1 0		<u>REG FILE</u> 04	1 1
	RGN2	1 1			
EXTERNAL:	24X	1 1		EG&G BRUSKE, S	1 1
	LPDR 03	1 1		NRC PDR 02	1 1
	NSIC 05	1 1			

NOTES: 1 1

*w/chuck*  
*\$150.00*  
*86243896*

**DUKE POWER COMPANY**

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

HAL B. TUCKER  
VICE PRESIDENT  
NUCLEAR PRODUCTION

TELEPHONE  
(704) 373-4531

February 12, 1986

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

Attention: Mr. J. F. Stolz, Project Director  
PWR Project Directorate No. 6

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 Facility Operating License and revision to the Oconee Nuclear Station Technical Specifications.

This proposal concerns changes to Technical Specifications 3.16 and 4.4.3, Hydrogen Purge System. These proposed technical specifications will govern the operation and maintenance of the Containment Hydrogen Recombiner System, recently installed and operational, as the primary method to maintain the post-accident containment atmosphere hydrogen below the control limit. The Hydrogen Purge System will be available, however, as a backup system when needed.

The Oconee FSAR describes both purging and recombination as methods for controlling post-accident Reactor Building hydrogen concentrations. However, the Containment Hydrogen Recombiner System is a preferable method of post accident hydrogen control since it produces no radioactive gaseous release to the atmosphere, thus, improving the margin of safety.

Attachment 1 contains the proposed Technical Specifications 3.16 and 4.4.3. Please note that the proposed technical specifications are rewritten to reflect the inclusion of Containment Hydrogen Recombiner System with the associated action statements.

Duke has performed an evaluation in accordance with the standards in 50.92 and determined that the proposed amendment request involves no significant hazards considerations (Attachment 2). Technical justifications in support of this evaluation are presented in Attachment 3.

8602240261 860212  
PDR ADDCK 05000269  
P PDR

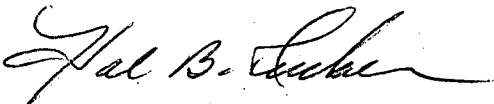
*Acc'd 1/40* *w/ check 150*  
*# 18243896*

Mr. Harold R. Denton, Director  
February 12, 1986  
Page Two

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 NRC staff.

Pursuant to 10 CFR 170, §170.12, please find enclosed a check in the amount of \$150.00 for application fee.

Very truly yours,



Hal B. Tucker

MAH:slb

Attachment

cc: Dr. J. Nelson Grace, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

Mr. Heyward Shealy, Chief  
Bureau of Radiological Health  
South Carolina Department of Health &  
Environmental Control  
2600 Bull Street  
Columbia, South Carolina 29201

Ms. Helen Nicolaras  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

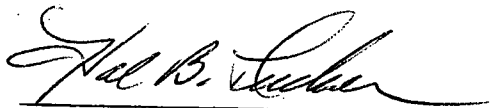
Mr. J. C. Bryant  
NRC Resident Inspector  
Oconee Nuclear Station

Mr. Harold R. Denton, Director

February 12, 1986

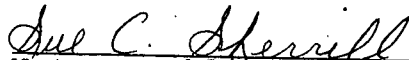
Page Four

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 matter 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 12th day of February, 1986.

  
Sue C. Sherrill

Notary Public

My Commission Expires:

Sept. 10, 1989