

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9403010217 DOC. DATE: 94/01/24 NOTARIZED: NO 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
 HAMPTON, J.W. Duke Power Co.
 RECIPIENT NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: Provides addl info on use of Central Switchyard through CT-5 pending NRC approval of proposed rev to TS 3.7.

DISTRIBUTION CODE: A001D COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 2
 TITLE: OR Submittal: General Distribution

NOTES:

	RECIPIENT		COPIES			RECIPIENT		COPIES		
	ID	CODE/NAME	LTTR	ENCL		ID	CODE/NAME	LTTR	ENCL	
	PD2-3	LA	1	1		PD2-3	PD	1	1	
	WIENS, L		2	2						
INTERNAL:	ACRS		6	6		NRR/DE/EELB		1	1	
	NRR/DORS/OTSB		1	1		NRR/DRCH/HICB		1	1	
	NRR/DRPW		1	1		NRR/DSSA/SPLB		1	1	
	NRR/DSSA/SRXB		1	1		NUDOCS-ABSTRACT		1	1	
	OC/LFDCB		1	0		OGC/HDS2		1	0	
	<u>REG FILE</u>	01	1	1						
EXTERNAL:	NRC PDR		1	1		NSIC		1	1	

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK, ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 22 ENCL ~~20~~ 0

R
I
D
S
/
A
D
S
/
A
D
D
S

Duke Power Company
Oconee Nuclear Site
P.O. Box 1439
Seneca, SC 29679

J. W. HAMPTON
Vice President
(803)885-3499 Office
(803)885-3564 Fax



DUKE POWER

January 24, 1994

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Subject: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287
Administrative Controls for use of Central
Switchyard through CT-5

As a result of the review of the letter detailing administrative controls that was sent to the NRC on November 30, 1993, additional information was requested by the NRC. This letter provides additional information on the use of Central through CT-5 pending NRC approval of the proposed revision to Technical Specification 3.7.

The analytical calculations that were performed for the Degraded Grid Protection System (DGPS) on CT-5 utilized a computer model. The portion of this model not previously verified by actual measurement will be validated by actual measurement of voltage supplied to a loaded standby bus from Central switchyard. The verification will be done by loading the standby bus with available shutdown loads while the standby bus is powered from Central switchyard. Steady state and transient measurements will be taken for the portion of the system not previously verified. Calculations supporting the verification of the unverified portion of the model will be completed subsequent to the Unit 1 EOC15 outage. This verification will be performed only once and will not be repeated during subsequent outages.

A DGPS channel test and relay calibration will be performed prior to the use of the Central Switchyard to power Unit 1 EOC15 outage loads through CT-5. Subsequent channel tests and relay calibrations will be performed on a refueling frequency. Upon approval of the Tech Spec amendment, the surveillance frequency in Tech Spec 3.7 will govern the testing requirements of the DGPS.

The minimum and maximum limits for the setpoint of the first level of DGPS are 95.0% and 95.76%, respectively. The setpoint for the first level is 95.38%. This level provides a control room alarm and arms the DGPS logic following a nine second time

9403010217 940124
PDR : ADDCK 05000269
PDR

Printed on recycled paper

A001
1/10

Document Control Desk

Page 2

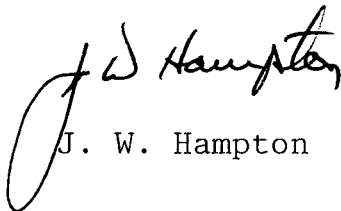
January 17, 1994

delay.

The minimum and maximum limits for the setpoint of the second level of DGPS are 93.12% and 93.87%, respectively. The setpoint for the second level is 93.49%. This level provides the actual protection against Degraded Grid conditions.

For additional information, please contact Steve G. Benesole at (803) 885-3292 or Michael E. Bailey at (803) 885-4390.

Very truly yours,



J. W. Hampton

cc: Mr. S. D. Ebnetter, Regional Administrator
U. S. Nuclear Regulatory Commission, Region II

Mr. L. A. Wiens, Project Manager
Office of Nuclear Reactor Regulation

Mr. P. E. Harmon
Senior Resident Inspector
Oconee Nuclear Site