## REGULATORY NFORMATION DISTRIBUTION SY EM (RIDS

ACCESSION NBR:8007080207 DOC.DATE: 80/07/02 NOTARIZED: NO FACIL:50-270 Oconee Nuclear Station, Unit 2, Duke Power Co.

DOCKET # 05000270

AUTH.NAME

AUTHOR AFFILIATION

PHILPOTT, P.T.

Duke Power Co. RECIPIENT AFFILIATION

Region 2, Atlanta, Office of the Director

SUBJECT: LER 80-005/01T-0:on 800617, during RCS heatup, inconsistent: boron concentration measurements obtained, Caused by poor mixing in core flood tank, Unit cooled down & boric acide added, Methods under evaluation re maintaining concentration.

DISTRIBUTION CODE: A002S COPIES RECEIVED:LTR \_1 ENCL 1 SIZE: 1+ 2

## NOTES: M.CUNNINGHAM: ALL AMENDS TO FSAR + CHANGES TO TECH SPECS

	RECIPIENT	COPIES		RECIPIENT	COPIES	
	ID CODE/NAME	LTTR	ENCL	ID CODE/NAME	LTTR ENCL	
ACTION:	BC REID, R. 05	1	- 1	PM FAIRTILE, MO6	2 2	
INTERNAL:	A/D COMP&STRUCT	1.	1	A/D CORE & CS	1. (1.	
	A/D ENV TECH	1	1	A/D GEN PROJ	1 1	
	A/D LICENSING	1	1.	A/D MATL & QUAL	1, 1	
	A/D OP REACTORS	1	1	A/D PLANT SYS	1	
	A/D RAD PROT	1	1.	A/D SFTY ASSESS		
	A/D TECHNOLOGY	1	1	ACC EVAL BR	1 1	
	AEOD	1.0	10	AUX SYS BR	1 1	
	CHEM ENG BR	15	1	CONT SYS BR	11. *1.	
	CORE PERF BR	1.	£ <b>1</b>	DIR, ENGINEERING	1 · 1 · 1	
	DIR, HUM FAC SFY	1.	1	DIR, SFTY TECH	1 1	
	DIR, SYS INTEG	<u>ī</u> .	1	EFF TR SYS BR	1: -1:	
	EMERG PREP	1	1	ENV ENG BR	1 1	
	EQUIP QUAL BR	1	i	GEN ISSUES BR	1, 1	
	GEOSCIENCES	1	1	HUM FACT ENG BR	1 1	
	HYD/GEO BR	ī	1	I&C SYS BR	1 1	
	I&E 09	2	2	JORDAN, E. /IE	1 1	
	LIC GUID BR	1	1	LIC QUAL BR	1 1	
	MATL: ENG BR	ì	ī	MECH ENG BR	1 1	
	MOORE, V.	1	1	MPA 11	. 3 3	
	NRC PDR 02	1	1	OP EX EVAL BR	3 3	
	OR ASSESS BR	1.	i	POWER SYS BR	1 1	
	PPAS	1.	1	PROC/TST REV BR	1 1	
	QA BR	ĩ	1	RAD ASSESS BR	1 1	
	REACT SYS BR	1	1	REG FILE 01	1 1	
	REL & RISK A BR	1	1	SFTY PROG EVAL	1 1	
	SIT ANAL BR	1	1	STRUCT: ENG: BR	"1" 1'·	
	SYS INTERAC BR	1	1	TERA: DOUG MAY	1	
EXTERNAL:	ACRS	16	16	LPDR 03	1 1	
	NSIC 04	1 :	1			
				· · · · · · · · · · · · · · · · · · ·		

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## LICENSEE EVENT REPORT

**EXHIBIT** A

	CONTROL BLOCK: PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION
0 1 8	S   C   N   E   E   2   2   0   0   -   0   0   0   0   0   0   0
0 1	SOURCE L 6 0 5 10 10 10 2 7 0 7 0 6 1 7 8 0 8 0 7 0 2 8 0 9
0 2	During RCS heatup, CFT 2A was measured and verified as having a boron concentra-
0 3	tion of 895 ppm. This was inconsistent with previous measurements which show-
04	ed a concentration of greater than 2000 ppm. T. S. 3.3.3 requires a minimum
0 5	concentration of 1800 ppm. Since the unit was not operating, this incident
0 6	is not considered to be significant with respect to safe operation, and the
0   7	[health and safety of the public were not affected.
0 8	
, [0]	SYSTEM CAUSE CAUSE COMPONENT CODE SUBCODE SUBCODE    S   F   11   X   12   Z   13   Z   Z   Z   Z   Z   Z   3   18   19   30   30   30   30   30   30   30   3
	LER/RO EVENT YEAR SEQUENTIAL REPORT NO. CODE TYPE NO.
	ACTION RUTURE SPRECT SHUTDOWN HOURS 22 ATTACHMENT NPROJA PRIME COMP. COMPONENT METHOD HOURS 22 SUBMITTED FORM SUB. SUPPLIER COMPONENT METHOD SUBMITTED FORM SUB. SUPPLIER COMPONENT METHOD SUBMITTED FORM SUB. Z 9 9 9 5 5
110	CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) [CFT had been completely filled prior to heatup. It is considered that improper
11	mixing in the CFT caused the boron grab samples to have the widely different
1 2	results. Unit was cooled down and boric acid added to the CFT. Future actions
11	will include: evaluating necessity of draining CFT; revision of procedures to
14	fill CFT from tank with similar concentration; and, evaluation of a system for
	mixing CFT contents.  Security
	CITATITY CONTENT  SLEASED OF RELEASE AMOUNT OF ACTIVITY (35)  [Z] (3) [Z] (14) NA  NA  NA  NA
	PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION 39
7 4	0 0 0 37 Z 38 NA  PERSCHNEL INJURIES 13
13	NUMBER DESCRIPTION (41)  NA
7 8	\$ 11 12 LOSS OF OR DAMAGE TO FACILITY 43 TYPE DESCRIPTION 43
7 8	NA NA NA
2 0	SSUED DESCRIPTION (45)  NA
7 &	NAME OF PREPARER F. T. Philpott PHONE: (704) 373-7432