NRC Form 366 (9-63)	L	ICENSEE EVEI	NT REP	PORT	(LER)		CLEAR REGULATO				
LANCE & ELTYDAT DIGK HUGITAD DOWED DIANT						DOCKET NUMBER (2) PAGE (3)					
						0 5 0 0 0 3 3 3 1 0					
Rod Select	Switch Malfur	iction In	React	tor I	Manual (Control	System				
EVENT DATE (5)	LER NUMBER (6)	REPORT DATE	E (7)		OTHER	FACILITIES INVO	LVED (8)				
MONTH DAY YEAR YEAR	ION MONTH DAY YEAR FACILITY N										
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	REPORT IS SUBMITTED PURSUAN	T TO THE REQUIREME	_	CFR 5: /0	Check one or more	of the following) (1					
	20.402(b)	20.406(c)		_	50.73(a)(2)(iv)		73.71(b)				
LEVEL IN O O	20.405(e)(1)(i) 20.405(a)(1)(ii)	60.36(c)(1) 50.36(c)(2)		X	50.73(a)(2)(v)		73.71(e)				
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	20.405(a)(1)(iv)	60.73(e)(2)(ii)			50.73(e)(2)(viii))						
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NAME		LICENSEE CONTACT	FOR THIS	ER (12)			TELEPHONE NUM	ED			
Hartfo	rd N. Keith					AREA CODE	A CONTRACTOR NOM				
and the second second		and the second		der h	121-12-12	31115	3 4 21-	3 8 4 0			
	COMPLETE ONE LINE F	OR EACH COMPONENT	FAILURE	DESCRIBE	D IN THIS REPOI						
CAUSE SYSTEM COMPONENT	TURER TO NPRO		CAUSE	SYSTEM	COMPONENT	MANUFAC- TURER	REPORTABLE TO NPRDS	•			
X J D S E L	G 0 8 2 Y			-1-1		111					
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YES (If yes, complete EXPECTED SUBMISSION DATE)				EXPECTED SUBMISSION DATE (15)							
In preparation plant maintena Interlocks" wa technical spec Rod Drive Main selection of a rod block afte notch. The attending suspended CRD power off posi to prevent any manipulation. Corrective act select pushbut supply from ot switch resulte	for Control H ince outage, su is being perfor ification, sec tenance". Dur second control r control rod plant operator maintenance, f tion and rod v further control ton switch which ther select switch	Rod Drive irveillanc med as re tion 4.10 ring the p ol rod fai 34-27 had as immedia tagged the vithdraw/i col rod dr cement of ich had no itches. R	e te quir .D.1 erfo led bee tely rod nser ive a ma t is etes	st F ed by "Con rman to in n se ins con t sw main lfun olat t af	-ST-20r y the p ntrol R ce of t nitiate lected erted c trol po itch in tenance ctionin ed the	g 34-27 return	control control control	ntrol test control ne 7, he sition rod r			
NRC Form 3966	8411130085 PDR ADOCK S	841028 05000333 PDR				IE2	2	sk i i i i i i i i i i i i i i i i i i i			

	IS BUILDED SEE EVENT REPORT (LER) TEXT CONTINUATION									
FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)				PAGE (3)				
JAMES A. FITZPATRICK		YEAR SEQUENTIAL REVISION NUMBER NUMBER								
NUCLEAR POWER PLANT	0 5 0 0 0 3 3 3	814	0,1,9 0,0		0, 0	0 0 1 2 OF 0		0.1		
TEXT (If more space is required, use additional NRC Form 366A's) (17)	10 0 0 0 0 3 3 3	0 4		1	111	0	1011	01		
On September 28, 1984, with the refueling position and indrive 34-27 (Coordinate positions surveillance test F-ST-20F "Frequired by the plant operation" Control Rod Drive and Control Prive Pri	n preparation for ma ion of drive in the Refueling Interlocks ing technical specif	inter react " was licati	ance of for con- being lon, se	e)	contr , erfor	med	as			
The expected results of the s mode switch locked into the r from the reactor core. No ot selection of another rod is p isolating the select power so	refueling position a ther rods can be sel prevented by the sel	ected	he (1) d for v d rod '	ro vit 'se	d wit hdraw lect	hdra al.	awn Ti	he		
During the performance of this detected within the rod select another rod in the same without	ction circuit. This	s malf	functio	n	allow	red	n w	as		
The attending operators immed control rod drive maintenance power off position and the ro position to prevent any furth manipulation.	e, tagged the rod co od withdraw/insert s	ontrol	l power n in th	ne s	witch neutr	i in al	th	d e		
Troubleshooting of the CRD set 34-27 select switch. The select pushed in the downward direct in the open or closed position reactor mode switch in the re- isolates select power from of withdrawal sequence group. The withdrawal sequence group. The withdrawals are prohibited for are blocked from withdrawal here	ect switch contains tion the switch beco on. In the latched efueling position th ther rod select swit This allows for only ore (one rod only pe rom being selected h by the Rod Sequence	seven position is la tches y one ermiss oy the Contr	ral con magnet: tion and atching within (1) ro sive). e selector sol System	nta ica nd g a n t od A cti	cts. lly l with ctior he sa to be ll ot on ci	When atcl the me ther ther	n hed ro	d		
which monitors the full inser	rted position of the	e rods	5.							
One of the select switch cont position, allowing the power select switches. From circus the permissible one rod) coul allowed three (3) rods to be	tacts had failed to supply return to be it analysis it appea ld be selected. The	stay conn ars tw is con	latch nected wo oth ndition	to	the rods	othe	er yon			
One of the select switch cont position, allowing the power select switches. From circuit the permissible one rod) court	tacts had failed to supply return to be it analysis it appea ld be selected. The withdrawn at the sa ed with a new unit a	stay e cont ars tw is con ame ti ame ti	latch nected wo oth ndition ime.	to er n c	the rods ould	othe (bey have	er yon e			
One of the select switch cont position, allowing the power select switches. From circus the permissible one rod) coul allowed three (3) rods to be The failed switch was replace	tacts had failed to supply return to be it analysis it appea ld be selected. The withdrawn at the sa ed with a new unit a	stay e cont ars tw is con ame ti ame ti	latch nected wo oth ndition ime.	to er n c	the rods ould	othe (bey have	er yon e			

James A. FitzPatrick Nuclear Power Plant P.O. Box 41 Lycoming, New York 13093 315 342 3840

> Harold A. Glovier Resident Manager



October 29, 1984 JAFP84-1009

United States Nuclear Regulatory Commission Document Control Desk Washington, D.C. 20555

REFERENCE: DOCKET NO. 50-333 LICENSEE EVENT REPORT: 84-019-00 Dear Sir:

We have enclosed the referenced Licensee Event Report in accordance with 10CFR50.73.

If there are any questions concerning this report, please contact Mr. Hartford N. Keith at (315) 342-3840, Extension 230.

Very truly yours,

love 11.4.1

Harold A. Glovier Resident Manager

HAG/HNK/jmk Enclosure

CC: USNRC, Region I (1) INPO Records Center, Altanta, Georgia (1) Internal Power Authority Distribution NRC Resident Inspector Locument Control Center LER/OR File

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