LICENSEE EVENT REPORT CONTROL BLOCK:	RC FOR	
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312 During scram testing in refuel mode, substantial loss of position indication was 313 noted for CRD H-9. Per GE SDM analysis Tech. Spec. 3.3.A.1 met by disarming adja- 314 Cent rods G-9 and J-9 at "00" and inserting H-9 to 20, the first functional position. 315 After subsequent GE SDM analysis, adjacent rods were fully withdrawn. To avoid rod 316 drift, H-9 fully inserted (verified by TIPS) and disarmed. Safety significance minimal 317 since SDM was always met. This is the first event of this magnitude. 318 B B O E O I X O I I N S T R U O I I N S T R U O I I O I Z O I I N S T R U O I I O I Z O I I N S T R U O I I O I Z O I I N S I I R U O I I O I Z O I I I S O I I N S I I R U O I I O I Z O I I I S O I I N S I I R U O I I O I Z O I I I S O I I N S I I R U O I I O I I I I S O I I N S I I R U O I I O I I I I S O I I N S I I R U O I I O I I I I S O I I N S I I R U O I I O I I I I S O I I I N S I I R U O I I O I I I I S O I I I N S I I R U O I I O I I I I S O I I N S I I R U O I I O I I I I S O I I I N S I I R U O I I O I I I I S O I I I N S I I R U O I I I I S O I I I N S I I R U O I I I I S O I I I N S I I R U O I I I I S O I I I N S I I R U O I I I I S O I I I N S I I R U O I I I I S O I I I N S I I R U O I I I I I S O I I I I S O I I I N S I I R U O I I I I S O I I I N S I I R U O I I I I S O I I I N S I I R U O I I I I S O I I I N S I I R U O I I I I S O I I I N S I I R U O I I I I S O I I I N S I I R U O I I I I S O I I I N S I I R U O I I I I S O I I I N S I I R U O I I I I S O I I I N S I I R U O I I I I S O I I I N S I I R U O I I I I S O I I I N S I I R U O I I I I S O I I I N S I I R U O I I I I S O I I I N S I I I I I I I I I I I I I I I	20N'T	SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80
<pre>19 cent rods G-9 and J-9 at "00" and inserting H-9 to 20, the first functional position 19 after subsequent GE SDM analysis, adjacent rods were fully withdrawn. To avoid rod 19 after subsequent GE SDM analysis, adjacent rods were fully withdrawn. To avoid rod 19 after subsequent GE SDM analysis, adjacent rods were fully withdrawn. To avoid rod 19 after subsequent GE SDM analysis, adjacent rods were fully withdrawn. To avoid rod 19 after subsequent GE SDM analysis, adjacent rods were fully withdrawn. To avoid rod 19 after subsequent GE SDM analysis, adjacent rods were fully withdrawn. To avoid rod 19 after subsequent GE SDM analysis, adjacent rods were fully withdrawn. To avoid rod 19 after subsequent GE SDM analysis, adjacent rods were fully withdrawn. To avoid rod 19 after subsequent GE SDM analysis, adjacent rods were fully withdrawn. To avoid rod 19 after subsequent GE SDM analysis, adjacent rods were fully withdrawn. To avoid rod 10 after subsequent GE SDM analysis, adjacent rods were fully withdrawn. To avoid rod 10 after subsequent GE SDM analysis, adjacent rods were fully withdrawn. To avoid rod 10 after subsequent GE SDM analysis, adjacent rods were fully inserted and subsequent fully inserted and electrically disarmed. 10 after subsequent for subsequent for subsequent for the subsection of subsection of subsection of subsection for the subsection of subsection for the subsection of subsection of subsection for the subsection of subsection of subsection for the subsection of subsection for the subsection of subsection of subsection of subsection for the subsection of s</pre>	0 2	
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Taken Action ONPLANT WETTOO HOUNS (2) Subirties FORMAUE SUPPLIER MANUFACTURER [X] (3) [X] (3) [C] (2) [Z] (2) [0 0 0 0 0] [N] (3) [N] (3) [N] (3) [G 0 8 0 0] (5) CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (3) [] Precise cause of occurrence is unknown at this time. The suspect rod position indi- [] cator probe and cabling will be inspected during next available outage. Corrective [] (actions will be taken at that time. A supplemental LER will be filed after in- [] (actions will be taken at that time. A supplemental LER will be filed after in- [] (spection. Until then, CRD H-9 will remain fully inserted and electrically disarmed. [] (actions of percent of activity (3) [B] (3) (operator Observation (3) [B]		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
11 cator probe and cabling will be inspected during next available outage. Corrective 12 actions will be taken at that time. A supplemental LER will be filed after in- 13 spection. Until then, CRD H-9 will remain fully inserted and electrically disarmed. 14		TAKEN ACTION ON PLANT METHOD HOURS (22) SUBMITTED FORM SUB. SUPPLIER MANUFACTURER X (18) X (19) C (20) Z (21) 0 0 0 0 0 N (23) N (24) N (25) G 0 8 0 (26) 33 41 (3) 42 43 (41) (41) (42) (41) (42) (41) (42) (41) (42) (41) (42) (41) (42) (41) (42) (41) (42) (41) (42) (41) (42) (41) (42) (41) (42) (41) (42) (41) (41) (41) (41) (41) (41) (41) (41
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8 9 10 58 69 80-5 R. Magrow X-421 9	1 9	Z 42 NA 1579 126 80
R. Magrow X-421	20	ISSUED DESCRIPTION 45 . 7912140430 NRC USE ONLY NA
	8	R. Magrow X-421

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e	DI	EVIATION R	EPORT			
Commonwealth Edison		STA UNIT YE				
AT I TITLE OF DEVIATION		12 5	13 10 1	10	DCCURRED	
CRD H9, Loss of Indicate	ed Position betw	een 0 and	17		11-10-79 DATE	1500 TIM
SYSTEM AFFECTED 300	PLANT CONDITION	45				TESTING
Control Rod Drive	MODERefu	PWR (M	00	, LOAD (MWE)	0	
DESCRIPTION OF EVENT						
Following scram on 11-1	0-79, CRD H-9 wa	is withdraw	n after adjust	ments to the	scram out	let
valve. No position ind	ications (blank	windows) w	ere noted for a	any position	ns. More f	fully in
serted than position 17						
DESCRIPTION OF CAUSE			and a second			
Suspect bad RPIS probe	reed switches, o	r cable con	nnectors		-	
				PIIIk	IKI-	INAL
OTHER APPLICABLE INFO	RMATION	e			Unu	a ar an
Two adjacent rods taken	out-or-service	fully inser	rted and CRD H-	9 taken out	-of-servic	e at
position 20, per GE. Th	nis array very c	onservative	ly assures that	t the SDM i	s met.	
EQUIPMENT TYPES DR NO						
FAILURE NO	299	6 -	Michael Wright	LE SUPERVISOR		1-11-79 DATE
T 2 OPERATING ENGINEERS	COMMENTS		RESPONSION	LE SUPERVISOR		DAIL
GE contacted and provide		- ing adequat	a chutdorm mar	ain with CD	D 11 0	
20 and CRD's J-9 and G-9	at position 00	. CRD H-9	was declared 1	noperable b	y Tech. S	pec.
3.3.A.2.d because scram	times cannot be	verified.				
TYPE OF DEVIATION	VENT OF POTENTIA	L TECH SP	EC NON-REPORT			AFETY-
EPORTABLE OCCURRENCE	PUBLIC INTEREST					ISSUED
14 DAY 10CFR21				YES	X YES	
X 30 DAY NOTIFICATION				NO	NO	x
REPORTABLE OCCURRENCE	ACTION ITEM NO		OMPT ON-SITE NO	TIFICATION		
NUMBER			. E. Sargent		11-13-79	1130
XX- 79 30-03L-0	234		TITLE		DATE	TIM
	-54	- -				
			TITLE		CATE	TIM
24-HOUR NRC NOTI	FICATION	PR	OMPT OFF-SITE N	OTIFICATION		
REGION III	DATE		. A. Palmer		11-14-79	2:03
TGM	DATE T	IME J.	TITLE R. Gilliom		DATE 11-14-79	2:01
REGION III & COL		IME	TITLE		DATE	TIME
RESPONSIBLE COMPANY OFFIC CONDITIONS AND THEIR REPO	ER INFORMED OF 1	OCFR21	QUE AN AMELE		DATE	TIM
	REVIEW AND COM	PLETER LA M	ichael Wright	<u>y</u>		
UNDERLOND AND THEIR ALLO	NEVIEW AND (OM	A Prese	OPERATING ENGI	NEER	DATE	-
SHOLLING AND INCLA ACTO	NETTER HTD COM	the second s				
ACCEPTANCE BY ST		16 .	2 01.	1		
		Aprinisc	ana Jew	aliginia.		
ACCEPTANCE BY ST		April 12/10,	han Jili	2/27.		_
ACCEPTANCE BY ST AS REQUIRED	TATION REVIEW	April 12/10,	1 01	2		-