(7-77) LICENSEE EVENT REPORT			
	CONTROL BLOCK:		
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CON'T	REPORT LIGO 5 0 0 3 3 8 0 0 5 0 1 7 SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE	9 8 0 15 13 1 17 19 9 74 75 REPORT DATE 80	
02	[During Startup Operations the following rods (HO6, FO8, B	08, H10, CO7, CO9, E05, and	
03	[L11], were observed to have a 12 step disagreement betw	een the various rod position.	
04	[indications, at various times during the Startup. These	were corrected as they occurr-	
0 5	[ed and all RPI's were in specification within 1 hour. The	he health and safety of the	
06	[general public was not affected. This event is reportabl	e as per T.S. 6.9.1.9.b.	
0 7	L	I	
	9	80	
	$\begin{array}{c} \begin{array}{c} \text{SYSTEM} \\ \text{CODE} \\ \end{array} \\ \begin{array}{c} \text{CODE} \\ 1 \\ \end{array} \\ \begin{array}{c} \text{CODE} \\ 1 \\ \end{array} \\ \begin{array}{c} \text{CODE} \\ 1 \\ \end{array} \\ \begin{array}{c} \text{CAUSE} \\ \text{SUBCODE} \\ \end{array} \\ \begin{array}{c} \text{CAUSE} \\ \text{SUBCODE} \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \hline \\ 1 \\ 1 \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \hline \\ 1 \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \hline \\ 1 \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \hline \\ 1 \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \hline \\ 1 \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \hline \\ 1 \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \hline \\ 1 \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \hline \\ 1 \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \hline \\ 1 \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \hline \\ 1 \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \hline \\ 1 \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \hline \end{array} \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \hline \end{array} \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \hline \end{array} \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \hline \end{array} \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \hline \end{array} \\ \end{array} \\ \end{array} $ \\ \begin{array}{c} \text{COMPONENT CODE} \\ \hline \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \hline \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \text{COMPONENT CODE} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \\ \end{array} \\ \\ \end{array} \\ \end{array} \\ \\ \end{array} \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \end{array} \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \\	$4 \underbrace{\begin{matrix} COMP. \\ SUBCODE \\ 19 \end{matrix}}_{19} \underbrace{\begin{matrix} VALVE \\ SUBCODE \\ Z0 \end{matrix}}_{20} \underbrace{\begin{matrix} VALVE \\ 16 \\ 16 \end{matrix}}_{16}$	
	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	E REPORT REVISION TYPE NO. L 30 31 32 NPRD-4 PRIME COMP. COMPONENT DRM SUB. SUPPLIER MANUFACTURER N 24 N 25 W 1 2 0 26 42 43 43 44 47	
10	The cause of this indicator disagreement was due to elect	ronic drift in the RPI circ-	
11	Jurity. Corrective action was to recalibrate the affected	RPI's.	
12	L		
13	L	l	
	P FACILITY (30) METHOD OF	80	
15	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Observation (32)	
	ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) Z (33) Z (34) N/A (44) 45 PERSONNEL EXPOSURES (39)	LOCATION OF RELEASE 36	
17		80	
7 8	9 PERSONNEL INJURIES NUMBER DESCRIPTION (41) 0 0 0 (4) N/A	2294 08	
7 8	9 11 12 LOSS OF OR DAMAGE TO FACILITY (43) TYPE DESCRIPTION Z' (42) N/A	60 	
7 8	9 10 9 10 0 3 2 3	80 NRC USE ONLY	
20	Issued Description (45) 79060500 305 9 10 10		
	NAME OF PREPARER W. R. Cartwright	PHONE: 703-894-5151	

Virginia Electric and Power Company North Anna Power Station, Unit 1 Docket No: 50-333 Report No: 79-063/03L-0

Attachment 1 Page 1 of 1

Description of Event

During normal startup a greater than 12 step disagreement was noted for rods H06, F08, K08, H10, C07, C09, E05 and L11. These rods were noted at various times during the startup and were corrected as they occurred. All RPI's were returned to service within one hour. Reactor power was less than 5% at the time of this event, therefore, the requirements of action statement A2 were met.

Probable Consequence of Occurrence

Operability of the control rod position indication is required to determine control rod position and thereby ensure compliance with the control rod alignment and insertion limits.

Since reactor power was below 50% there was no effect on the safe operation of the plant and the health and safety of the general public was not affected.

This event has no direct affect on Unit #2 since Unit #2 is not operational at this time. Since identical RPI circuity exists for Unit #2, this problem of voltage drift may occur when Unit #2 does become operational.

Cause of Occurrence

This cause of the indicator disagreement was due to the electronic drift in the RPI circuity. The exact cause was voltage drift in the associated signal conditioning card.

Immediate Corrective Action

Recalibration and functional check were performed on rods HO6, FO8, KO8, H10, C07, C09, E05, and L11 individual rod position indicators.

Scheduled Corrective Action

An engineering study of IRPI drift is already in progress.

Action Taken To Prevent Recurrence

No further action required at this time.

2294 09