NRC FOR (7-77)	U. S. NUCLEAR REGULATORY COMMISSION		
	CONTROL BLOCK		
	$ \underbrace{M}_{9} \underbrace{D}_{\text{LICENSEE CODE}} \underbrace{14}_{15} \underbrace{0}_{15} \underbrace{0}_{15} \underbrace{0}_{\text{LICENSE NUMBER}} \underbrace{0}_{25} \underbrace{3}_{26} \underbrace{4}_{16} \underbrace{1}_{16} \underbrace{1}$		
CON'T	REPORT LG 0 5 0 0 3 1 7 7 1 0 1 9 8 2 8 1 1 1 1 8 8 2 9 SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80		
0 2	At 0853, Engineered Safety Features Actuation System (ESFAS) sensor chan-		
03	nel ZE for #11 Steam Generator (SG) pressure failed in a tripped condi-		
04	tion and was declared inoperable (T.S.3.3.2.1). Troubleshooting required		
0 5	Reactor Protective System (RPS) SG pressure and thermal margin/low pres-		
06	sure trips to be bypassed at 0855. (T.S.3.3.1.1). The sensor channel was		
07	restored to operability at 1110. All redundant ESFAS and RPS channels		
08	remained operable during the event. Similar events: 81-07; 50-318/81-08.		
09 7 8	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \end{array}\end{array} \\ \begin{array}{c} \\ \\ \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ $		
	$\begin{array}{c c c c c c c c c c c c c c c c c c c $		
10	A voltage drift problem in a Transmation #230IT isolator caused the		
11	channel failure. It was replaced with a spare. Manufacturer's recommend-		
12	ed modification done to the other isolators last year were not done to		
1 3	this one since it was out for repair at the time. To prevent recurrence,		
14	all other suspect isolators have been checked for the modification.		
7 8	9 ACILITY STATUS E 28 1 0 0 29 N/A B OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION 32 A 31 Operator Observation 20		
7 8 A R 1 6 7 8	9 12 13 44 45 46   CTIVITY CONTENT LOCATION OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)   2 (33) 2 (34) N/A 44 45   9 10 11 44 45 80   9 10 11 44 45 80   9 10 11 44 45 80   NUMBER TYPE DESCRIPTION (39) 1 1		
1 7 7 8 1 8 7 8	0   0   0   37   Z   38   N/A     9   11   12   13   80     NUMBER   DESCRIPTION (41)   N/A   80     9   11   12   13   80     9   11   12   N/A   80     9   11   12   N/A   8211290515   821118     9   11   12   N/A   80   80     9   11   12   N/A   8211290515   821118   80     1   12   12   N/A   9   9   10   10   10     1   12   12   12   12   12   13   80   10     1   12   14   14   14   14   14   14   14   14		
7 8	9 10 PUBLICITY ISSUED DESCRIPTION (45) NRC USE ONLY		
7 8	N 44 N/A 68 69 80 5		
	NAME OF PREPARER G. S. Pavis/L. F. Basso PHONE 301-269-4742/4933		

LER NO.	82-58/3L
DOCKET NO.	50-317
LICENSE NO.	DPR 53
EVENT DATE	10-19-82
REPORT DATE	11-18-82
ATTACHMENT	

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D)

An output voltage drift problem in an isolator (Transmation, Inc. #230IT) caused the channel failure. The isolator was replaced with a spare. A facility change (FCR 80-25) to upgrade isolator components was done last year as recommended by the manufacturer. The failed isolator was not modified at that time since it was out for repair. Upon receipt from the manufacturer, the isolator was returned to stock without being checked for upgrade. It was consequently installed on June 1, 1982. To prevent recurrence, all other suspect isolators have been checked for installation of upgraded components per FCR 80-25.