NRC FO		U. S. NUCLEAR REGULATORY COMMISSION
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	CONTROL BLOCK:	PE ALL REQUIRED INFORMATION)
01 78	M I D C C 1 O	4 11 11 11 11 4 57 CAT 58 5
CON'T 0 1 7 8	SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE	9 8 0 1 1 6 8 0 74 75 REPORT DATE 80
02	EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) AFTER THE APDMS F SETPOINTS WERE UPDATED IT WAS FOUND T	HAT TWO OUT OF THE FOUR
03	THIMBLES USED WERE NOT THE ONES WITH THE LOWEST UNCERTAI	NTY (SIGMA) FOR R
04	THIS CONDITION WAS INCONSISTENT WITH T.S. 3.3.3.6 ITEMS	a AND b.
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06		
07	· · ·	]
08 78	9	80
09 78	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} $	
	LER/RO EVENT YEAR REPORT NO. CODE   (1), REPORT [7]9 [0]6 [7] [0]3	
	ACTION FUTURE EFFECT SHUTDOWN TAKEN ACTION ON PLANT METHOD HOURS (22) ATTACHMENT FO X 18 H 19 Z (20 Z (21 0 0 0 0 V (23 1))	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
10	CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)	
	THE THIMBLE SIGMA DATA FROM THE WRONG COLUMN ON THE COMP	
	COLUMN OF SIGMA DATA WITH A LOWER BOUND OF 2 PERCENT WAS	
	THE THIMBLES THAT WERE INCORRECTLY SELECTED FOR DETECTOR	S 1 AND 2 HAD SIGMAS
	OF 1.9 PERCENT. THE LOW UNCERTAINTY THIMBLES THAT SHOUL	D HAVE (SEE SUPPLEMENT)
	9 FACILITY * POWER OTHER STATUS 30 METHOD OF DISCOVERY  E [28]   1   0   0   29] NA     A [31] ENGINEER	BO DISCOVERY DESCRIPTION 32
	9 10 12 13 44 45 46	LOCATION OF RELEASE 36
	$\begin{array}{c} \begin{array}{c} \text{ACTIVITY} & \text{CONTENT} \\ \text{IELEASED} & \text{OF RELEASE} \\ \hline \begin{array}{c} Z \\ 9 \end{array} & \begin{array}{c} 33 \\ 10 \end{array} & \begin{array}{c} Z \\ 11 \end{array} & \begin{array}{c} \text{AMOUNT OF ACTIVITY} \end{array} & \begin{array}{c} 35 \\ \hline \begin{array}{c} NA \\ 44 \end{array} & \begin{array}{c} NA \\ 45 \end{array} \end{array}$	LOCATION OF RELEASE () 80
17		
7 8	9 11 12 13 PERSONNEL INJURIES NUMBER DESCRIPTION (4)	. 80
1 8 7 8	0 0 0 0 A0 NA 9 11 12 LOSS OF OR DAMAGE TO FACILITY (43)	. 80
19	Z 42 NA	8001220547
7 8	9 10 PUBLICITY ISSUED DESCRIPTION 45 NA	NRC USE ONLY
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## SUPPLEMENT TO LER # 79-067/03L-0

## SUPPLEMENT TO CAUSE DESCRIPTION

BEEN USED FOR THESE DETECTORS HAD SIGMAS OF 0.6 PERCENT AND 1.1 PERCENT RESPECTIVELY. DURING THIS TIME THE THIMBLES SELECTED FOR DETECTORS 3 AND 4 WERE CORRECT. THEREFORE, ONE APPROPRIATE DETECTOR WAS ALWAYS BEING USED TO MONITOR CORE PERFORMANCE.

THE PROBLEM WAS DISCOVERED IN  $2\frac{1}{2}$  HOURS AND  $F_z$  RECALCULATED USING THE CORRECT THIMBLES. THE  $F_z$  MARGINS WERE REDUCED FROM +15.9 PERCENT TO +14.5 PERCENT AND +17.4 PERCENT TO 15.5 PERCENT FOR DETECTORS 1 AND 2 RESPECTIVELY. THIS ERROR WAS DISCUSSED WITH THE INDIVIDUAL INVOLVED AND A TRAINING SESSION WAS CONDUCTED WITH ALL SECTION PERSONNEL IN ORDER TO PREVENT A REOCCURRENCE.

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