(7-77)	LICENSEE EVENT REPORT
	CONTROL BLOCK:
	I       L       D       R       S       3       2       0       0       -       0       0       0       -       0       0       3       4       1
	REPORT. L 6 0 5 0 0 0 2 4 9 0 0 9 1 2 8 2 3 1 0 0 5 8 2 3 SOURCE 50 61 DOCKET NUMBER 58 69 EVENT DATE 74 75 REPORT DATE 30
02	EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10   During unit start-up, when first stage pressure of 380 psi was reached (45 percent )
03	power), annunciator alarm 903-5-N-4 indicated turbine pressure operator load rejection
04	and turbine stop valve scrams were bypassed on one subchannel of channel A's half
0 5	scram circuitry (T.S. 6.6.B.2.b). The event was of minimal safety significance since
06	the other three subchannels were operable. There was no effect on public health or
07	safety. First occurrence of this type.
018	
, .	SYSTEM CAUSE CAUSE CAUSE COMPONENT CODE CCMP. VALVE SUBCODE SUBCODE
7 8	$\begin{bmatrix} I & A \\ 9 & 10 \end{bmatrix} \begin{pmatrix} 11 \\ 11 \end{pmatrix} \begin{bmatrix} 12 \\ 12 \end{bmatrix} \begin{pmatrix} A \\ 13 \end{pmatrix} \begin{bmatrix} R \\ 13 \end{bmatrix} \begin{bmatrix} R \\ 13 \end{bmatrix} \begin{bmatrix} L \\ 13 \end{bmatrix} \begin{pmatrix} A \\ 13 \end{bmatrix} \begin{pmatrix} Y \\ 13 \end{bmatrix} \begin{pmatrix} X \\ 13 \end{pmatrix} \begin{pmatrix} A \\ 13 \end{pmatrix} \begin{pmatrix} Y \\ 13 \end{pmatrix} \begin{pmatrix} X \\ 13 \end{pmatrix} \begin{pmatrix} A \\ 13 \end{pmatrix} \begin{pmatrix} Y \\ 13 \end{pmatrix} \begin{pmatrix} X \\ 13 \end{pmatrix} \begin{pmatrix} Y \\ 13 \end{pmatrix} \begin{pmatrix} X \\ 13 \end{pmatrix} \begin{pmatrix} Y \\ 13 \end{pmatrix} \begin{pmatrix} X \\ 13 \end{pmatrix} \begin{pmatrix} Y \\ 13 \end{pmatrix} \begin{pmatrix} X \\ 13 \end{pmatrix} \begin{pmatrix} Y \\ 13 \end{pmatrix} \begin{pmatrix} X \\ 13 \end{pmatrix} \begin{pmatrix} Y \\ 13 \end{pmatrix} \begin{pmatrix} X \\ 13 \end{pmatrix} \begin{pmatrix} Y \\ 13 \end{pmatrix} \begin{pmatrix} X \\ 13 \end{pmatrix} \begin{pmatrix} Y \\ 13 \end{pmatrix} \begin{pmatrix} X \\ 13 \end{pmatrix} \begin{pmatrix} Y \\ 13 \end{pmatrix} \begin{pmatrix} X \\ 13 \end{pmatrix} \begin{pmatrix} Y \\ 13 \end{pmatrix} \begin{pmatrix} X \\ 13 \end{pmatrix} \begin{pmatrix} Y \\ 13 \end{pmatrix} \begin{pmatrix} X \\ 13 \end{pmatrix} \begin{pmatrix} Y \\ 13 \end{pmatrix} \begin{pmatrix} X \\ 13 \end{pmatrix} \begin{pmatrix} Y \\ 13 \end{pmatrix} \begin{pmatrix} X \\ 13 \end{pmatrix} \begin{pmatrix} Y \\ 13 \end{pmatrix} \begin{pmatrix} X \\ 13 \end{pmatrix} \begin{pmatrix} Y \\ 13 \end{pmatrix} \begin{pmatrix} X \\ 13 \end{pmatrix} \begin{pmatrix} Y \\ 13 \end{pmatrix} \begin{pmatrix} X \\ 13 \end{pmatrix} \begin{pmatrix} Y \\ 13 \end{pmatrix}$
	Image: Number         Event year         SEQUENTIAL REPORT NO.         OCCURRENCE COOE         REPORT TYPE         REVISION NO.           10         8         2         0         3         6         0         3         1         10         11         12
	ACTION FUTURE EFFECT SHUTDOWN HOURS (2) ATTACHMENT NPRD-4 PRIME COMP. COMPONENT TAKEN ACTION ON PLANT METHOD HOURS (2) ATTACHMENT FORM SUB. SUPPLIER MANUFACTURER
	$\begin{bmatrix} A \\ 18 \\ 33 \\ 34 \\ 19 \\ 34 \\ 19 \\ 34 \\ 19 \\ 35 \\ 35 \\ 36 \\ 37 \\ 36 \\ 37 \\ 40 \\ 41 \\ 40 \\ 41 \\ 41 \\ 42 \\ 42 \\ 42 \\ 42 \\ 43 \\ 43 \\ 43 \\ 43$
10	The cause of the event was the failure of auxiliary relay 590-123C to drop out. The
111	relay was replaced, tested and proven operable. Surveillances DIS-500-7, DOS-500-9,
12	and DOS-500-10 will continue to be performed monthly. Modifications M12-2(3)-82-27
13	have been initiated to provide a more reliable relay and/or modify the circuitry to
14	improve relay operation.
	30     METHOD OF DISCOVERY     DISCOVERY DESCRIPTION (32)     30       C     0     5     8     29     N/A     A     (31)     Operator Observation     (32)
	CTIVITY CONTENT ELEASED OF RELEASE AMOUNT OF ACTIVITY 35 Z 33 Z 34 N/A LOCATION OF RELEASE 36 N/A
	PERSONNEL EXPOSURES NUMBER 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
13	
	LOSS OF OR DAMAGE TO FACILITY (1) TYPE DESCRIPTION N/A 8210190471 821005
7 3	PDR ADOCK 05000247
20	SSUED DESCRIPTION 45 N/A N/A
7 8	Leslie Turnquést 815-942-2920, X-550
	NAME OF PREPARER

Commonwealth E	DVR	DEVIATION REPORT	- 60	7		
		STA UNIT YE	AR NO.			
RT 1 TITLE OF DEVIATIO	)N			OCCURRED 9/12	/02 111	F
Aux Relay 590-	123C Stuck	Closed	1.0.14	9/12 DA	111 TE TI	
STEM AFFECTED 590 PL	ANT STATUS A	T TIME OF EVENT				TING
S MO	DE Run	PWR (MWT)147	6 . LOAD	D(MWE)44	4 D	NO
ring startup, Aux re	lay 590-12	3C did not drop out	when f	irst stage	pressure o	
ached (45% power) can	using the	123C relay to still	bypass	the Turbin	e Gen. Loa	d Reject an
op valve scram. Con	dition dis	covered when first	stage p	ressure was	492 psi a	nd annuncia
arm 903-5 H-4 was st	ill up. F	use 590-726C was pu	lled to	see if 590	-123C woul	d drop out
d clear annunciator	alarm. Th	us it was found tha	t the 5	90-123C Aux	relay's a	rmature was
uck. Aux relay was	operated m	anually to release	armatur	e. W.R. wr	itten to r	eplace the
ux relay 590-123C. F	use put ba	ck in at 1135 and	10 CFR50.	72 NRC RED P		
UIPMENT FAILURE 2277		(over)	NOTIFICAT	TION MADE	YES	NO
			Cary	L. Smith		9/12/82
RT 2 OPERATING ENGINEER	and the second s	RESPONSIBLE SUPERVISOR	Galy	L. OULCH	DATE	5/12/02
		ve prevented a scra	m on TST	or contro	1 valve fa	et closure
						or crobare
ince it affected only	1 of 4 su	bchannels.				
				NAME AND POST OFFICE ADDRESS OF TAXABLE ADDRESS OF	sector and the sector of the s	the state of the second s
						- 69 - en
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						24
EVENT OF PUBLIC INTER	PEST	24-HOUR NRC NOTIF	FICATION F	REQ.D		×
				REQ'D (courtesy)		0800
TECH. SPEC. VIOLATION		Tom	Tongue			
TECH. SPEC. VIOLATION	ENCE	Tom	Tongue REGIO	(courtesy)	9/13/82	0800
TECH. SPEC. VIOLATION	ENCE	TELEPH TOT	Tongue REGIO	(courtesy)	9/13/82	0800
TECH. SPEC. VIOLATION	ENCE	TELEPH TOT	REGIO	(courtesy)	9/13/82 DATE	0800 TIME
TECH. SPEC. VIOLATION	ence 6.B.2.b	TELEPH TOT	REGIO REGIO	(courtesy) DN 111 DN 111	9/13/82 DATE	0800 TIME
TECH. SPEC. VIOLATION NON REPORTABLE OCCURR 14 DAY REPORTABLE/T.S 30 DAY REPORTABLE/T.S ANNUAL/SPECL REPORT R	ence 6.B.2.b	TELEPH TOT	REGIO REGIO REGIO DTIFICATIO ATION IS P	(courtesy) DN III DN III DN MADE PER 10CFR21	9/13/82 DATE	0800 TIME
TECH. SPEC. VIOLATION NON REPORTABLE OCCURR 14 DAY REPORTABLE/T.S 30 DAY REPORTABLE/T.S ANNUAL/SPECL REPORT R I.R. #	ence 6.B.2.b	TELEOM/TELECOPY	REGIO REGIO REGIO DTIFICATIO ATION IS P	(courtesy) DN III DN III DN MADE PER 10CFR21	9/13/82 DATE	0800 TIME
TECH. SPEC. VIOLATION NON REPORTABLE OCCURR 14 DAY REPORTABLE/T.S 30 DAY REPORTABLE/T.S ANNUAL/SPECL REPORT R I.R. #	ence 6.B.2.b	TELEPH Tom TELEGM/TELECOPY CECO CORPORATE NO IF ABOVE NOTIFIC/ 5-DAY WRITTEN REF Denni	REGIO REGIO REGIO DTIFICATIO ATION IS P	(courtesy) ON III ON III ON MADE PER 10CFR21	9/13/82 DATE	0800 Time Time
TECH. SPEC. VIOLATION TECH. SPEC. VIOLATION NON REPORTABLE OCCURR I 4 DAY REPORTABLE/T.S 30 DAY REPORTABLE/T.S ANNUAL/SPECL REPORT R I.R. #	ence 6.B.2.b	TELEPH TOM TELEGM/TELECOPY CECO CORPORATE NO IF ABOVE NOTIFIC/ 5-DAY WRITTEN REF Denni TELEPH	REGIO REGIO REGIO DTIFICATIO ATION IS P PORT REQ'D	(courtesy) ON III ON MADE PER 10CFR21 O PER 10CFR21 11e	9/13/82 DATE DATE	0800 Time Time
TECH. SPEC. VIOLATION NON REPORTABLE OCCURR 14 DAY REPORTABLE/T.S 30 DAY REPORTABLE/T.S ANNUAL/SPECL REPORT R I.R. #	ence 6.B.2.b	TELEPH TOM TELEGM/TELECOPY CECO CORPORATE NO IF ABOVE NOTIFIC/ S-DAY WRITTEN REF TELEPH Denni CECO COF	REGIO REGIO REGIO DTIFICATIO ATION IS P PORT REQ'D LS P. Gal	(courtesy) ON III ON III ON MADE PER 10CFR21 O PER 10CFR21 11e FFICER	9/13/82 DATE DATE 9/16/82 DATE	0800 TIME TIME 1455
TECH. SPEC. VIOLATION NON REPORTABLE OCCURR 14 DAY REPORTABLE/T.S 30 DAY REPORTABLE/T.S ANNUAL/SPECL REPORT R 1.R. #	6.B.2.b	TELEPH Tom TELEGM/TELECOPY CECO CORPORATE NO IF ABOVE NOTIFIC/ 5-DAY WRITTEN REF TELEPH Denni CECO COR Michael Wright	REGIO REGIO REGIO DTIFICATIO ATION IS P PORT REQ'D LS P. Gal RPORATE OF	(courtesy) N III N III N MADE PER 10CFR21 11e FICER 9/1	9/13/82 DATE DATE 9/16/82 DATE 3/82	0800 TIME TIME 1455
TECH. SPEC. VIOLATION NON REPORTABLE OCCURR 14 DAY REPORTABLE/T.S 30 DAY REPORTABLE/T.S ANNUAL/SPECL REPORT R 1.R. #	T T T T T T T T T T T T T T T T T T T	TELEPH TOM TELEGM/TELECOPY CECO CORPORATE NO IF ABOVE NOTIFIC/ S-DAY WRITTEN REF TELEPH Denni CECO COF	REGIO REGIO REGIO DTIFICATIO ATION IS P PORT REQ'D LS P. Gal RPORATE OF	(courtesy) ON III ON III ON MADE PER 10CFR21 O PER 10CFR21 11e FFICER	9/13/82 DATE DATE 9/16/82 DATE 3/82	0800 TIME TIME 1455
TECH. SPEC. VIOLATION NON REPORTABLE OCCURR 14 DAY REPORTABLE/T.S 30 DAY REPORTABLE/T.S ANNUAL/SPECL REPORT R 1.R. #	6.B.2.b	TELEPH Tom TELEGM/TELECOPY CECO CORPORATE NO IF ABOVE NOTIFIC/ 5-DAY WRITTEN REF TELEPH Denni CECO COR Michael Wright	REGIO REGIO REGIO DTIFICATIO ATION IS P PORT REQ'D LS P. Gal RPORATE OF	(courtesy) N III N III N MADE PER 10CFR21 11e FICER 9/1	9/13/82 DATE DATE 9/16/82 DATE 3/82	0800 TIME TIME 1455
TECH. SPEC. VIOLATION NON REPORTABLE OCCURR 14 DAY REPORTABLE/T.S 30 DAY REPORTABLE/T.S ANNUAL/SPECL REPORT R I.R. #	6.B.2.b	TELEPH Tom TELEGM/TELECOPY CECO CORPORATE NO IF ABOVE NOTIFIC/ 5-DAY WRITTEN REF TELEPH Denni CECO COR Michael Wright OPERATING ENGINEER CEL Brunne	REGIO REGIO REGIO DTIFICATIO ATION IS P PORT REQ'D LS P. Gal RPORATE OF	(courtesy) N III N III N MADE PER 10CFR21 11e FICER 9/1	9/13/82 DATE DATE 9/16/82 DATE 3/82	0800 TIME TIME 1455
TECH. SPEC. VIOLATION NON REPORTABLE OCCURR 14 DAY REPORTABLE/T.S 30 DAY REPORTABLE/T.S ANNUAL/SPECL REPORT R I.R. # E.R. #82-36/03L-0 PRELIMINARY REPOR COMPLETED AND REV NVESTIGATED REPORT & RESOR	6.B.2.b	TELEPH Tom TELEGM/TELECOPY CECO CORPORATE NO IF ABOVE NOTIFIC/ 5-DAY WRITTEN REF TELEPH Denni CECO COR Michael Wright	REGIO REGIO REGIO DTIFICATIO ATION IS P PORT REQ'D LS P. Gal RPORATE OF	(courtesy) N III N III N MADE PER 10CFR21 11e FICER 9/1	9/13/82 DATE DATE 9/16/82 DATE 3/82	0800 TIME TIME 1455
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## Description of Event (con't)

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system returned to normal.

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