SAN ONOFRE NUCLEAR GENERATING STATION UNITS 2 AND 3

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HIGH PRESSURE SAFETY INJECTION SYSTEM ELECTRICAL LINE-UP - UNIT 2 .

DATE 2-15-85

TIME

2020

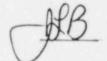
1.0 PREREQUISITES

INITIALS

1.1 Prior to use of an uncontrolled (pink) copy of this Station Document to perform work, verify that it is current by checking a controlled copy an any TCNs or by use of the method described in S0123-VI-1.0.

1.1.1 List all applicable TCNs or write N.A.

1.2 On-shift SRO-Operations Supervisor approval obtained. (SRO OPS SUPV Initials)



NOTE:

- (1) May be closed if in Modes 3, 4 or 5 with Pressurizer pressure less than 715 psia.
- (2) Requires a manual reset on a loss of power.

NOTE:

All locked breakers are locked with an ESF lock.

2.0 PROCEDURE

2.1 Control Room Key Switches

Before energizing breaker, verify key switch CAUTION ====== position is selected to match actual valve position.

Œ	STEP	COMPONENT	DESCRIPTION NOTE	REQUIRED INITIALS STATUS 1ST/2ND
50717 PDR	2.1.1	2BE-10	2HV-9350, SIT 2T-007 (1) Discharge Valve	OPEN MAI
11A 425	2.1.2	2BE-11	2HV-9360, SIT 2T-009 (1) Discharge Valve	OPEN STAI O
81502 F01	2.1.3	2BY-09	2HV-9306, SI Pumps Mini-Flow	CLOSED Stylos O
888	2.1.4	2BY-13	2HV-9307, SI Pumps Mini-Flow	CLOSED Wy 1/21/2
	2.1.5	2BY-41	2HV-9300, RWST 2T-005 Outlet Valve	CLOSED MADIA

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2.0	PROCEDURE	10
	MOCCOOKE	(Continued)

2.0	PRUCEDURE	(Continued)		
	STEP	COMPONENT	DESCRIPTION ,	REQUIRED INITIALS NOTE STATUS 15T/2ND
	2.1.6	2BJ-06	2HV-9340, SIT 2T-008 Discharge Valve	(1) LOCKER I.
	2.1.7	2BJ-07	2HV-0370 SIT 07 0-	(1) LOCKED (1)
	2.1.8	28J-09	2HV-9347, SI Pumps Mini-Flow	OPEN JULIANIA
	2.1.9	2BJ-13	2HV-9348, SI Pump Mini-Flow	CLOSED W/101 /2
	2.1.10	2BZ-28	2HV-9301, RWST 2T-006 Outlet Valve	CLOSED DE 1001 R
2.	2 ESF Swi	tchgear Room Tr		CLOSED & 101 Q
	2.2.1	2BE-09	2HV-9334, SIT's Drain Header to RWT	CLOSED Duyen A
	2.2.2	2BE-18	2HV-9327, HPSI #1 Header Injection Valve	A manufacture of the
	2.2.3	2BE-19	2HV-9330, HPSI #1 Header Injection Valve	1
	2.2.4	2BE-22	2HV-S324, HPSI #1 Header Injection Valve	Yun A
	2.2.5	2BE-23	2HV-9333, HPSI #1 Header Injection Valve	CLOSED WID R
	2.2.6	2BE-35	2HV-9305, Containment Emer. Sump Outlet Valve	CLOSED Willar D
	2.2.7	2BY-28	2HV-9303, Containment Eme Sump Outlet Valve	A-1-V
	2.2.8	2BY-29	2HV-9420, HPSI #1 Header Hot Leg Injection	LOCKED A TAN Q
2.3	ESF Switc	hgear Room Train	B MCCs	OLEH A TOOL DE
	2.3.1	2BJ-14	2HV-9323, HPSI #2 Header Injection Valve	CLOSED WYAY A
	2.3.2	2BJ-15	2HV-9332, HPSI #2 Header Injection Valve	CLOSED MAROL A
	NOTE:	(1) May be clo	sed if in Modes 3 A on E	1 1801 Im

OTE: (1) May be closed if in Modes 3, 4 or 5 with Pressurizer pressure less than 715 psia.

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2.0	PROC	EDURE (Co	ntinued)		DECUTOED INITIALS
		STEP	COMPONENT	DESCRIPTION	REQUIRED INITIALS STATUS 1ST/2ND
		2.3.3	2BJ-18	2HV-9326, HPSI #2 Header Injection Valve	CLOSED JAMES A
		2.3.4	2BJ-19	2HV-9329, HPSI #2 Header Injection Valve	CLOSED WHOR
		2.3.5	2BJ-33	2HV-9302, Containment Emer. Sump Outlet Valve	CLOSED JULEA R
		2.3.6	2BJ-34	2HV-9304, Containment Emer. Sump Outlet Valve	CLOSED WIPI A
		2.3.7	2BZ-39	2HV-9434, HPSI #2 Header Hot Leg Injection Valve	DOCKED JAMINO A
		2.3.8	2BJ-22	HV-0508, RCS TH#1	CLOSED W1/21 /2
				Sample Valve	
		2.3.9	2BJ-27	2HV-0512, PZR Sample Valve	CLOSED WINI
		2.3.10	2BJ-23	2HV-0517, RCS T _H #2 Sample	CLOSED W/61/2
		2.3.11	2BJ-26	2HV-0510, PZR Vapor Sample Valve	CLOSED MAID
	2.4	45' Pene	tration		
		2.4.1	2BA-59	2HV-9335 SIT's Tank Drain Header to RCS Drain Tank	CLOSED AMOS
	2.5	At Shutd	own Panel 2L-42		V
		2.5.1	2HS-9350C1	SI Tank 2T-007 S.W. Outlet "Local/ Control Room" Selector	CONTROL YM.
				Switch	ROOM \$ /15/ 12
		2.5.2	2HS-9360C1	SI Tank 2T-009 Outlet "Local/ Control Room" Selector Switch	CONTROL WILLS Q

TON 12/2

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2.0	PROC	EDURE (Cor	itinued)				
		STEP	COMPONENT	DESCRIPTION	NOTE	STATUS STATUS	INITIALS 1ST/2ND
		12.5.3	2HS-9340C2	SI Tank 2T-008 Outlet "Local/Contro Room" Selector Switch	1 h	CONTROL	Yes A
		2.5.4	2HS-9370C2	SI Tank 2T-010 Outlet "Local/Control Room" Selector Switch	1	CONTROL	7,01 /2
	2.6	Inside Pa	nel 2L-071				
		2.6.1	2L071-1F-DS712	SIT 2T-009 Fill and Drain Valve 2HV-9362	(2)	CLOSED	MA A

2.0.1	20071-17-03712	Fill and Drain Valve 2HV-9362	(2)	CLOSED DYDI A
2.6.2	2L071-1F-DS715	SIT 2T-010 Fill and Drain Valve 2HV-9372	(2)	CLOSED W (101/2
2.6.3	2L071-2F-DS706	SIT 2T-008 Fill and Drain Valve 2HV-9342	(2)	CLOSED W/OI 2
2.6.4	2L071-2F-DS707	SIT 2T-008 Nitrogen Supply Valve 2HV-9344	(2)	CLOSED Mys 2
2.6.5	2L071-2F-DS709	SIT 2T-007 Fill and Drain Valve 2HV-9352	(2)	CLOSED Men D
2.6.6	2L071-2F-DS710	SIT 2T-007 Nitrogen Supply Valve 2HV-9354	(2)	CLOSED or 104 2
2.6.7	2L071-2F-DS713	SIT 2T-009 Nitrogen Supply Valve 2HV-9364	(2)	CLOSED W/ 101 /2
2.6.8	2L071-2F-DS716	SIT 2T-010 Nitrogen Supply Valve 2HV-9374	(2)	CLOSED VISI R

NOTE: (2) Requires a manual reset on a loss of power.

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2.0 PROCEDURE (Continued)

	STEP	COMPONENT	DESCRIPTION	REQUIRED INITIALS
	1200			STATUS 1ST/2ND
	72.6.9	2L071-3F-DS401	SI Header Check Valve Leakage Drain Valve 2HV-9351	CLOSED Julio 1 2
	2.6.10	2L071-3F-DS402	SI Header Check Valve Leakage Drain Valve 2HV-9361	CLOSED MPSI Q
	2.6.11	2L071-5F-DS454 & DS455		CLOSED SATION INSTALLED Mes, 2
24	2.6.12	F-19/F-20	2HV-9345 Fuses	INSTALLED Mesi A
	2.6.13	2L071-5F-DS456	Number One Header HP Hot Leg Injection Line Drain Valve 2HV-9433	CLOSED JAMAN P
)	2.6.14	2L071-5F-DS463 & DS464	SIT 2T-010 Vent Valve 2HV-9375	CLOSED SMAIR
7.4	2.6.15	F-23/F-24	2HV-9375 Fuses	INSTALLED W/20 1 R
	2.6.16	2L071-3R-DS401	SI Header Check Valve Leakage Drain Valve 2HV-9341	CLOSED Surpor R.
	2.6.17	2L071-3R-DS402	SI Header Check Valve Leakage Drain Valve 2HV-9371	CLOSED Surplay Pa
	2.6.18	2L071-3R-DS-445	SIT 2T-009 Vent Valve 2HV-9365	CLOSED S ANTI
74	2.6.19	F-52/F-53	2HV-9365 Fuses	INSTALLED MIDI 2

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2.0 PROCEDURE (Continued)

		STEP	COMPONENT	DESCRIPTION	REQUIRED INITIALS STATUS 1ST/2ND
		2.6.20	2L071-3R-DS447	Number Two Header HP Hot Leg Injection Drain Valve 2HV-9437	CLOSED 1/101/2
		2.6.21	2L071-3R-DS456	SIT 2T-007 Vent Valve 2HV-9355	CLOSED Junea 2
7-3		2.6.22	F-56/F-57	2HV-9355 Fuses	INSTALLED 1201 /2
		2.6.23	2L071-3F-DS811	Train A SIAS Automatic Alert system to OES in Sacramento	CLOSED CANAS
2-3		2.6.24	2L071-3R-DS911	Train B SIAS automatic alert system to OES in Sacramento	CLOSED W/BIRZ
0		2.6.25	2HS-8998	Automatic Alert System alarm Bypass keyswitch at 2L-492	OPERATE Key Removed MISIA
		2.6.26	2RL071-3F	2HV-0509; RCS T _H #1	CLOSED MADE R
			DS421; SW8	Sample Valve	7: 1
7.3		2.6.27	2RL071-4F- DS422; SW36	2HV-0513, PZR Sample Valve	CLOSED JUMPO, 12
		2.6.28	2RL071-DS-420	2HV-0511, PZR Vapor Sample Valve	CLOSED MILEI 12
	2.7	Electric	al Line-Up for Co	ntainment Pressure	
		2.7.1	2RL071-5F DS459; SW44	2HV-0352-A Power Supply	CLOSED Julies A
		2.7.2	2RL071-5R DS454; SW90	2HV-0352-B Power Supply	CLOSED SWY 10, 12
		2.7.3	2RL071-5R DS401; SW77	2HV-0352-C Power Supply	CLOSED W/19 2/2
		2.7.4	2RL071-5R DS201; SW79	2HV-0352-D Power Supply	CLOSED MILOS 1

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2.0 PROCEDURE (Continued)

- 2.8 The following aligns the Emerg. Evacuation Sirens to prevent an inadverdent actuation. If sirens are in service, N/A step 2.7.1: '(When in service, 2HS-7890-1 Green light indicates STOP).
 - 2.8.1 Verify open or open:

.1.1 BQ-13	Emerg. Siren Cont. Pnl	OPEN	NA N
.1.2 BQ-26	Emerg. Siren Cont. Pnl	OPEN	
.1.3 Q033 bkr 11	Electronic Siren	OPEN	
.1.4 Q033 bkr 13	Electronic Siren	OPEN	
.1.5 Q033 bkr 15	Electronic Siren	OPEN	

2.8.2 Verify or perform:

.2.1 BQ-27 .2.2 Q033 bkr 14 .2.3 L344 DS-15 .2.4 2HS-7890-1 .2.5 3HS-7890-1	Q033 pwr. supply Aux. Emerg. Siren Aux. Emerg. Siren Emerg. Evac. Siren Emerg. Evac. Siren	CLOSED CLOSED CLOSED STOP STOP	W 101 2 W 101 2 W 101 2
---	--	--	-------------------------------

2.8.3 Verify closed or close:

.3.1 Q033 bkr 11 .3.2 Q033 bkr 13 .3.3 Q033 bkr 15 .3.4 BQ-13 .3.5 BQ-26	Electronic Siren Electronic Siren Electronic Siren Emerg. Siren Cont. Pnl Emerg. Siren Cont. pnl	CLOSED CL
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PERFORMED BY: DATE/TIME 02-15-85/2200

PERFORMED BY: DATE/TIME 2-10-45 Kdo

PERFORMED BY: DATE/TIME 3-10-45 Kdo

VERIFIED BY: Law Out build DATE/TIME 2/15/85 2200

VERIFIED BY: DATE/TIME 2/15/85 2200

DATE/TIME 2/15/85 2200

Operator Initial

3-10-85

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NOTE:	SRO Ops. to this incorpor	Supv. shal Check-Off L ated, caps	1 not sign "R ist have been and flanges in	resolved By" un resolved i.e. istalled, lock	til all comm : TCNs writt s and chains	ents in rela en and in place, e	itic
REVIEWE	D BY:	SRO Op	s. Supv.	DATE/TIME	3-10-85	1700	
FILE DISPO	OSITION:	File per SO	023-0-28				
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HIGH PRESSURE SAFETY INJECTION SYSTEM ELECTRICAL LINE-UP - UNIT 2

DATE 2-15-85

TIME 2020

1.0 PREREQUISITES

INITIALS

1.1 Prior to use of an uncontrolled (pink) copy of this Station Document to perform work, verify that it is current by checking a controlled copy an any TCNs or by use of the method described in SO123-VI-1.0.

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1.1.1 List all applicable TCNs or write N.A.

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1.2 On-shift SRO-Operations Supervisor approval obtained. (SRO OPS SUPV Initials)

JEB_

NOTE:

- (1) May be closed if in Modes 3, 4 or 5 with Pressurizer pressure less than 715 psia.
- (2) Requires a manual reset on a loss of power.

NOTE:

All locked breakers are locked with an ESF lock.

2.0 PROCEDURE

2.1 Control Room Key Switches

CAUTION Before energizing breaker, verify key switch position is selected to match actual valve position.

STEP	COMPONENT	DESCRIPTION	NOTE	REQUIRED INITIALS STATUS 1ST/2ND
2.1.1	2BE-10	2HV-9350, SIT 2T-007 Discharge Valve	(1)	DOEN MAIN
2.1.2	2BE-11	2HV-9360, SIT 2T-009 Discharge Valve	(1)	LOCKED STATE OF
2.1.3	2BY-09	2HV-9306, SI Pumps Mini-Flow		CLOSED Styles C
2.1.4	2BY-13	2HV-9307, SI Pumps Mini-Flow		CLOSED \$ 71.91 P2
2.1.5	2BY-41	2HV-9300, RWST 2T-005 Outlet Valve		CLOSED MADIA

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2.0 PROCEDURE (Continued)

PROCEDURE	(Continued)		
STEP	COMPONENT	DESCRIPTION ,	NOTE STATUS INITIALS
2.1.6	28J-06	2HV-9340, SIT 2T-008 Discharge Valve	(1) LOCKER I
2.1.7	2BJ-07	2HV-9270 SIT 27 24	(1) LOCKED
2.1.8	2BJ-09	2HV-9347, SI Pumps Mini-Flow	CLOSED W/101 A
2.1.9	2BJ-13	2HV-9348, SI Pump Mini-Flow	CLOSED W 1001 D
2.1.10	202 20	2HV-9301, RWST 2T-006 Outlet Valve	CLOSED W 181
2.2 ESF SW	itchgear Room Tra	ain A MCC.	CLOSED DI LA
2.2.1	2BE-09	2HV-9334, SIT's Drain Header to RWT	Sur. 1
2.2.2	2BE-18	2HV-9327, HPSI #1 Header Injection Valve	CLOSED May A
2.2.3	2BE-19	2HV-9330, HPSI #1 Header Injection Valve	
2.2.4	2BE-22	2HV-9324, HPSI #1 Header Injection Valve	
2.2.5	2BE-23	2HV-9333, HPSI #1 Header Injection Valve	CLOSED WID R
2.2.6	2BE-35	2HV-9305, Containment Emer. Sump Outlet Valve	
2.2.7	2BY-28	2HV-9303, Containment Eme Sump Outlet Valve	
2.2.8	2BY-29	2HV-9420, HPSI #1 Header Hot Leg Injection	LOCKED AND
2.3 ESF Switch	hgear Room Train	B MCCs	OPEN / JEDI PL
2.3.1	2BJ-14	2HV-9323, HPSI #2 Header Injection Valve	SUSSEEMENT OF
2.3.2	2BJ-15	2HV-9332, HPSI #2 Header Injection Valve	CLOSED MAN
NOTE:	(1) May be slee		CLOSED MEDI DE

⁽¹⁾ May be closed if in Modes 3, 4 or 5 with Pressurizer pressure less than 715 psia.

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2.0	PROC	EDURE (Co	ntinued)		authorized and authorized
		STEP	COMPONENT	DESCRIPTION	REQUIRED INITIALS STATUS 1ST/2ND
		2.3.3	2BJ-18	2HV-9326, HPSI #2 Header Injection Valve	CLOSED JAMES A
		2.3.4	2BJ-19	2HV-9329, HPSI #2 Header Injection Valve	CLOSED WHOR
		2.3.5	2BJ-33	2HV-9302, Containment Emer. Sump Outlet Valve	CLOSED JULIA A
		2.3.6	2BJ-34	2HV-9304, Containment Emer. Sump Outlet Valve	CLOSED JUMPI A
		2.3.7	2BZ-39	2HV-94,4. HPSI #2 Header Hot Leg Injection Valve	OPEN WILD A
		2.3.8	2BJ-22	HV-0508, RCS TH#1	CLOSED W161 R
		2.3.9	2BJ-27	Sample Valve	CLOSED WIRI R
		2.3.3	200-27	2HV-0512, PZR Sample Valve	CLOSED DE TREAT
		2.3.10	2BJ-23	2HV-0517, RCS T _H #2 Sample	CLOSED M / 1/2
		2.3.11	28J-26	2HV-0510, PZR Vapor Sample Valve	CLOSED MAID
	2.4	45' Pene	tration		
		2.4.1	2BA-59	2HV-9335 SIT's Tank Drain Header to RCS Drain Tank	CLOSED CAMPOS
	2.5	At Shutd	own Panel 2L-42		V
		2.5.1	2HS-9350C1	SI Tank 2T-007 S.W. Outlet "Local/ Control Room" Selector	CONTROL SAME O
		•		Switch	ROOM \$7191 12
		2.5.2	2HS-9360C1	SI Tank 2T-009 Outlet "Local/ Control Room" Selector Switch	CONTROL WILLS Q

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2.0 PROCEDURE (Continued)

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	STEP	COMPONENT	DESCRIPTION	NOTE	REQUIRED INITIALS STATUS 1ST/2ND
	12.5.3	2HS-9340C2	SI Tank 2T-008 Outlet "Local/Con Room" Selector Sw		CONTROL WIRE / D
	2.5.4	2HS-9370C2	SI Tank 2T-010 Outlet "Local/Con Room" Selector Sw		CONTROL MIDIN /2
2	2.6 Inside P	anel 2L-071			
	2.6.1	2L071-1F-DS712	SIT 2T-009 Fill and Drain Valve 2HV-9362	(2)	CLOSED STATE A
	2.6.2	2L071-1F-DS715	SIT 2T-010 Fill and Drain Valve 2HV-9372	(2)	CLOSED W //o/ /2
	2.6.3	2L071-2F-DS706	SIT 2T-008 Fill and Drain Valve 2HV-9342	(2)	CLOSED W/los 12
	2.6.4	2L071-2F-DS707	SIT 2T-008 Nitrogen Supply Valve 2HV-9344	(2)	CLOSED Mys 12
	2.6.5	2L071-2F-DS709	SIT 2T-007 Fill and Drain Valve 2HV-9352	(2)	CLOSED WILLOW Q
	2.6.6	2L071-2F-DS710	SIT 2T-007 Nitrogen Supply Valve 2HV-9354	(2)	CLOSED on /104 D
	2.6.7	2L071-2F-DS713	SIT 2T-009 Nitrogen Supply Valve 2HV-9364	(2)	CLOSED MIDI 2
	2.6.8	2L071-2F-DS716	SIT 2T-010 Nitrogen Supply Valve 2HV-9374	(2)	CLOSED VIAI R
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NOTE: (2) Requires a manual reset on a loss of power.

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2.0 PROCEDURE (Continued)

		STEP	COMPONENT	DESCRIPTION	REQUIRED INITIALS STATUS 1ST/2ND
		2.6.9	2L071-3F-DS401	SI Header Check Valve Leakage Drain Valve 2HV-9351	CLOSED Julio1 R
		2.6.10	2L071-3F-DS402	SI Header Check Valve Leakage Drain Valve 2HV-9361	CLOSED WTPO, Q
		2.6.11	2L071-5F-DS454 0S455	SIT 2T-008 Vent Valve 2HV-9345	CLOSED CANTON
	24	2.6.12	F-19/F-20	2HV-9345 Fuses	INSTALLED SMED, A
6		2.6.13	2L071-5F-DS456	Number One Header HP Hot Leg Injection Line Drain Valve 2HV-9433	CLOSED JUNEAR
		2.6.14	2L071-5F-DS463 & DS464	SIT 2T-010 Vent Valve 2HV-9375	CLOSED SMIRIA
	7.4	2.6.15	F-23/F-24	2HV-9375 Fuses	INSTALLED M/10/2
		2.6.16	2L071-3R-DS401	SI Header Check Valve Leakage Drain Valve 2HV-9341	CLOSED SAMJOI R
		2.6.17	2L071-3R-DS402	SI Header Check Valve Leakage Drain Valve 2HV-9371	CLOSED Surplay Pa
		2.6.18		SIT 2T-009 Vent Valve 2HV-9365	CLOSED S PARTS
	74	2.6.19	F-52/F-53	2HV-9365 Fuses	INSTALLED 1/6/2
					,

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2.0 PROCEDURE (Continued)

		STEP	COMPONENT	DESCRIPTION	REQUIRED STATUS	INITIALS 1ST/2ND
		2.6.20	2L071-3R-DS447	Number Two Header HP Hot Leg Injection Drain Valve 2HV-9437	CLOSED	1 / in /2
		2.6.21	2L071-3R-DS456	SIT 2T-007 Vent Valve 2HV-9355	CLOSED	Mes 2
7-3		2.6.22	F-56/F-57	2HV-9355 Fuses	INSTALLED	V/101/2
		2.6.23	2L071-3F-DS811	Train A SIAS Automatic Alert system to OES in Sacramento	CLOSED (Short
2-3		2.6.24	2L071-3R-DS911	Train B SIAS automatic alert system to OES in Sacramento	CLOSED	pr/2
0		2.6.25	2НS-8998	Automatic Alert System alarm Bypass keyswitch at 2L-492	OPERATE / Key Removed	to 10,12
		2.6.26	2RL071-3F	2HV-0509; RCS TH #1	CLOSED	M/61 2
			DS421; SW8	Sample Valve		-
7-3		2.6.27	2RL071-4F- DS422; SW36	2HV-0513, PZR Sample Valve	CLOSED	W/10,12
		2.6.28	2RL071-DS-420	2HV-0511, PZR Vapor Sample Valve	CLOSED	1/10/ 12
	2.7	Electric	al Line-Up for Co	ntainment Pressure		
		2.7.1	2RL071-5F DS459; SW44	2HV-0352-A Power Supply	CLOSED	who is a
		2.7.2	2RL071-5R DS454; SW90	2HV-0352-B Power Supply	CLOSED	W/B, P
		2.7.3	2RL071-5R DS401; SW77	2HV-0352-C Power Supply	CLOSED	119 12
		2.7.4	2RL071-5R DS201; SW79	2HV-0352-D Power Supply	CLOSED	M/101 /

OPERATING INSTRUCTION SO23-3-2.7 REVISION 7 PAGE 7 OF 8 ATTACHMENT 8.3 CHECK-OFF LIST 3 TCN 7-8

2.0 PROCEDURE (Continued)

- 2.8 The following aligns the Emerg. Evacuation Sirens to prevent an inadverdent actuation. If sirens are in service, N/A step 2.7.1. (When in service, 2HS-7890-1 Green light indicates STOP).
 - 2.8.1 Verify open or open:

.1.1 BQ-13	Emerg. Siren Cont. Pnl	OPEN	NA N
.1.2 BQ-26	Emerg. Siren Cont. Pnl	OPEN	
.1.3 Q033 bkr 11	Electronic Siren	OPEN	
.1.4 Q033 bkr 13	Electronic Siren	OPEN	
.1.5 Q033 bkr 15	Electronic Siren	OPEN	

2.8.2 Verify or perform:

.2.1 BQ-27 .2.2 Q033 bkr 14 .2.3 L344 DS-15 .2.4 2HS-7890-1 .2.5 3HS-7890-1	Q033 pwr. supply Aux. Emerg. Siren Aux. Emerg. Siren Emerg. Evac. Siren Emerg. Evac. Siren	CLOSED CLOSED CLOSED STOP STOP	W 101 2 W 101 2 W 101 2 W 101 12
---	--	--	---

Verify closed or close: 2.8.3

.3.1 Q033 bkr 11 .3.2 Q033 bkr 13 .3.3 Q033 bkr 15 .3.4 BQ-13 .3.5 BQ-26	Electronic Siren Electronic Siren Electronic Siren Emerg. Siren Cont. Pnl Emerg. Siren Cont. pnl	CLOSED CLOSED CLOSED CLOSED CLOSED CLOSED CLOSED CLOSED
--	--	---

PERFORMED BY: nitial

Marc Cke

Operator

DATE/TIME 02-15-85

PERFORMED BY:

DATE/TIME = 3-16-85/0245

PERFORMED BY:

DATE/TIME 3-10-45 KAD

VERIFIED BY:

DATE/TIME 2/15/85 2200

VERIFIED BY:

DATE/TIME 2-16-85 0030

Initial

3-10-85

SAN ONOFRE NUCLEAR GENERATING STATION UNITS 2 AND 3

OPERATING INSTRUCTION SO23-3-2.7
REVISION 7
ATTACHMENT 8.3
CHECK-OFF LIST 3
TCN 7-8

NOTE:	SRO Ops to this incorpor	Supv. sha Check-Off rated, caps	ill not sign "R List have been and flanges i	eviewed By" un resolved i.e. nstalled, locks	til all comm : TCNs writt s and chains	ments in relation
REVIEWE		SK	ps. Supv.		3-10-85	
FILE DISPO	OSITION:	File per	5023-0-28			
COMMENTS:						
		¥ 1111				