

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9005070165      DOC. DATE: 90/05/03      NOTARIZED: NO      DOCKET #  
 FACIL: 50-361 San Onofre Nuclear Station, Unit 2, Southern Californ      05000361  
       50-362 San Onofre Nuclear Station, Unit 3, Southern Californ      05000362  
 AUTH. NAME      AUTHOR AFFILIATION  
 NANDY, F.R.      Southern California Edison Co.  
 RECIP. NAME      RECIPIENT AFFILIATION  
                  Document Control Branch (Document Control Desk)

SUBJECT: Forwards draft license amend for plant sys chapter prepared under TSIP.

DISTRIBUTION CODE: A001D      COPIES RECEIVED: LTR 1 ENCL 1      SIZE: 29  
 TITLE: OR Submittal: General Distribution

### NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD5 LA	1 1	PD5 PD	1 1
	KOKAJKO, L.	5 5		
INTERNAL:	ACRS	6 6	NRR/DET/ECMB 9H	1 1
	NRR/DOEA/OTSB11	1 1	NRR/DST 8E2	1 1
	NRR/DST/SELB 8D	1 1	NRR/DST/SICB 7E	1 1
	NRR/DST/SRXB 8E	1 1	NUDOCS-ABSTRACT	1 1
	OC/LFMB	1 0	OGC/HDS2	1 0
	<u>REG FILE</u> 01	1 1	RES/DSIR/EIB	1 1
EXTERNAL:	LPDR	1 1	NRC PDR	1 1
	NSIC	1 1		

### NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,  
 ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION  
 LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 27 ENCL 25

*m/A-4*  
*wt*

R  
I  
D  
S  
/  
A  
D  
D  
S  
  
  
  
  
  
  
  
  
  
  
R  
I  
D  
S  
/  
A  
D  
D  
S



**Southern California Edison Company**

23 PARKER STREET  
IRVINE, CALIFORNIA 92718

F. R. NANDY  
MANAGER OF NUCLEAR LICENSING

May 3, 1990

TELEPHONE  
(714) 587-5400

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555

Gentlemen:

Subject: Docket Nos. 50-361 and 50-362  
Draft License Amendment Prepared under the  
Technical Specification Improvement Project  
San Onofre Nuclear Generating Station  
Units 2 and 3

Enclosed for your information and preliminary review, is a draft License Amendment for the Plant Systems Chapter prepared under the Technical Specification Improvement Project (TSIP). This submittal is made pursuant to a discussion between Mr. Brian Woods of my staff, and Mr. Jose Calvo (NRC) to permit review by the NRC staff of the San Onofre Units 2 and 3 site specific application of the CE Restructured Standard Technical Specifications (RSTS). This will permit early validation of the CE RSTS, and familiarity with the San Onofre TSIP to be formally submitted later.

This submittal is made, of course, with the understanding that this is only for information at this time and that formal review of the License Amendment within SCE has not been performed and changes are likely.

If you have any comments or questions regarding the attached, please do not hesitate to call.

Very truly yours,

Enclosure

cc: J. B. Martin, Regional Administrator, NRC Region V  
C. Caldwell, NRC Senior Resident Inspector, San Onofre Units 1, 2 and 3  
L. E. Kokajko, NRC Project Manager, San Onofre Units 2 and 3

9005070165 900503  
PDR ADOCK 05000361  
P PDC

A001  
11

## 3.7 PLANT SYSTEMS

3.7.1 Main Steam Safety Valves

LCO 3.7.1            The Main Steam Safety Valves (MSSVs) shall be OPERABLE as specified in Tables 3.7.1-1 and 3.7.1-2.

APPLICABILITY:    MODES 1, 2, and 3.

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A.    Less than the required MSSVs OPERABLE.	A.1        Verify $\geq 1$ MSSVs per steam generator are OPERABLE.	4 hours
	<u>AND</u>	
	A.2.1      Restore MSSVs to OPERABLE status.	4 hours
	<u>OR</u>	
	A.2.2.1    Reduce power to $\leq$ the applicable RATED THERMAL POWER listed in Table 3.7.1-1.	4 hours
B.    Required Actions and associated Completion Times not met.	<u>AND</u>	
	A.2.2.2    Reduce the Variable Overpower Trip setpoint to $\leq$ the maximum allowable value listed in Table 3.7.1-1.	8 hours
	B.1        Be in MODE 3.	6 hours
	<u>AND</u>	
	B.2        Be in MODE 4.	12 hours

# SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
<p>SR 3.7.1.1 -----NOTE-----  SR 3.0.1 and SR 3.0.4 are not applicable for entry into and operation in MODE 3 for the performance of this surveillance.  -----  Demonstrate the MSSVs lift setpoints are as given in Table 3.7.1-2 in accordance with the Inservice Inspection and Testing Program.</p>	<p>In accordance with the Inservice Inspection and testing Program</p>

CROSS REFERENCES - None

Table 3.7.1-1 (Page 1 of 1)

Variable Overpower Trip Setpoint  
Versus Inoperable Main Steam Safety Valves

<u>NUMBER OF INOPERABLE MSSVs PER STEAM GENERATOR</u>	<u>APPLICABLE RATED THERMAL POWER, %</u>	<u>MAXIMUM ALLOWABLE VARIABLE OVERPOWER TRIP SETPOINT CEILING, (% OF RATED THERMAL POWER)</u>
1	90.0	98.9
2	77.7	86.6
3	65.3	74.2
4	52.9	61.8

Table 3.7.1-2 (Page 1 of 1)

## Main Steam Safety Valve Lift Settings

VALVE NUMBER

<u>Line No. 1</u>	<u>Line No. 2</u>	<u>LIFT SETTING (<math>\pm 1\%</math>)*</u>
2PSV-8401	2PSV-8410	1100 psia
2PSV-8402	2PSV-8411	1107 psia
2PSV-8403	2PSV-8412	1114 psia
2PSV-8404	2PSV-8413	1121 psia
2PSV-8405	2PSV-8414	1128 psia
2PSV-8406	2PSV-8415	1135 psia
2PSV-8407	2PSV-8416	1142 psia
2PSV-8408	2PSV-8417	1149 psia
2PSV-8409	2PSV-8418	1155 psia

\* The lift setting pressure shall correspond to ambient conditions of the valve at nominal operating temperature and pressure.

### 3.7 PLANT SYSTEMS

#### 3.7.2 Main Steam Isolation Valves

LCO 3.7.2 Two Main Steam Isolation Valves (MSIVs) shall be OPERABLE.

APPLICABILITY: MODE 1,  
MODES 2 and 3 with MSIVs open.

#### ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One MSIV inoperable	A.1 Restore MSIV to OPERABLE status.	4 hours
B. Required Action and associated Completion Time of Condition A not met.	B.1 Be in MODE 2.	6 hours
	<u>AND</u> B.2 Close inoperable MSIV.	6 hours
C. Required Action and associated Completion Time of Condition B. not met.	C.1 Be in MODE 3.	6 hours
	<u>AND</u> C.2 Be in MODE 4.	12 hours

# SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
<p>SR 3.7.2.1 -----NOTE-----  SR 3.0.1 and SR 3.0.4 are not applicable for entry into and operation in MODE 3 with MSIVs open, for performance of this surveillance.  -----  Demonstrate MSIV closure time is <math>\leq</math> 8.0 seconds.</p>	<p>18 months</p> <p>In accordance with the Inservice Inspection and Testing Program.</p>

# CROSS REFERENCES

TITLE	NUMBER
Containment	3.6.1



### 3.7 PLANT SYSTEMS

#### 3.7.3 Main Feedwater Isolation Valves

LCO 3.7.3 Two Main Feedwater Isolation Valves (MFIVs) and associated MFIV backup isolation valves\* shall be OPERABLE.

APPLICABILITY: MODES 1, 2, and,  
MODE 3 with MFIVs and associated MFIV backup isolation valves  
open and not isolated.

#### ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One MFIV or backup isolation valve in one or more flow paths inoperable.	A.1 Restore inoperable valve to OPERABLE status.	72 hours
	<u>OR</u> A.2 Close or isolate inoperable valve.	72 hours
B. Both MFIV and backup isolation valves per path inoperable in one or more flow paths.	B.1 Restore at least one MFIV or backup isolation valves per flow path to OPERABLE status.	8 hours
	<u>AND</u> B.2 Close inoperable MFIV or otherwise isolate each affected flow path.	8 hours
C. Required Actions and associated Completion Times not met.	C.1 Be in MODE 3.	6 hours
	<u>AND</u> C.2 Be in MODE 4.	12 hours

\* Feedwater Regulating Valve and associated Bypass Valve.

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
<p>SR 3.7.3.1</p> <p>-----NOTE-----  SR 3.0.1 and SR 3.0.4 are not applicable  for entry into and operation in MODE 3  with MFIVs open, for performance of this  surveillance.  -----</p> <p>Demonstrate the closure time of each MFIV  and MFIV bypass valve is <math>\leq 10</math> seconds.</p>	<p>In accordance  with the  Inservice  Inspection  and Testing  Program.</p>

CROSS REFERENCES

TITLE	NUMBER
Containment	3.6.1

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.7.8.1	Verify each SWCS manual, power operated, or automatic valve in the flow path servicing safety-related equipment, that is not locked, sealed, or otherwise secured in position, is in its correct position.	31 days
SR 3.7.8.2	Demonstrate each SWCS automatic valve in the flow path actuates to its correct position on an actual or simulated actuation signal.	24 months
SR 3.7.8.3	Demonstrate each SWCS pump automatically starts on an actual or simulated actuation signal.	24 months

CROSS REFERENCES

TITLE	NUMBER
1. Containment	3.6.1
2. Containment Cooling System	3.6.8
3. Component Cooling Water System	3.7.7
4. AC Sources - Operating	3.8.1

### 3.7 PLANT SYSTEMS

#### 3.7.9 Emergency Chilled Water

LCO 3.7.9 Two Emergency Chilled Water (ECW) trains shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, and 4.

#### ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One ECW train inoperable	A.1 Restore train to OPERABLE status.	7 days
B. Required Action and associated Completion Time not met.	B.1 Be in MODE 3.	6 hours
	<u>AND</u> B.2 Be in MODE 5.	36 hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.7.9.1	Verify each ECW manual, power operated, and automatic valve in the flow path that is not locked, sealed or otherwise secured in position, is in its correct position.	31 days
SR 3.7.9.2	Demonstrate proper actuation of ECW System components on an actual or simulated test signal.	24 months

CROSS REFERENCES

TITLE	NUMBER
Component Cooling Water System	3.7.7

### 3.7 PLANT SYSTEMS

#### 3.7.10 Spent Fuel Pool Water Level

LCO 3.7.10      The Spent Fuel Pool water level shall be  $\geq$  23 feet above the top of irradiated fuel assemblies seated in the storage racks.

APPLICABILITY:      When irradiated fuel assemblies are in the Spent Fuel Pool.

#### ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. Spent Fuel Pool water level not within limits.	-----NOTE----- 1. LCO 3.0.3 is not applicable.  2. Performance of Action A.1 shall not preclude completion of actions to establish a safe conservative condition. -----	
	A.1      Suspend movement of fuel assemblies in Spent Fuel Pool.	Immediately
	<u>AND</u>  A.2      Initiate action to restore the fuel storage pool water level as soon as practicable.	Immediately

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.7.10.1	Verify the Spent Fuel Pool water level is $\geq 23$ feet above the top of irradiated fuel assemblies seated in the storage racks.	7 days

CROSS REFERENCES - None

### 3.7 PLANT SYSTEMS

#### 3.7.11 Atmospheric Dump Valves

LCO 3.7.11 Two Atmospheric Dump Valves (ADV's) shall be OPERABLE.

APPLICABILITY: MODEs 1, 2, 3, and  
MODE 4 when a steam generator is being used for decay heat  
removal.

#### ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One ADV inoperable.	<p>-----NOTE----- LCO 3.0.4 is not applicable in MODES 2, 3, and 4. -----</p> <p>A.1 Restore ADV to OPERABLE status.</p>	72 hours
<p>B. More than one ADV inoperable.</p> <p><u>OR</u></p> <p>Required Action and associated Completion Time of Condition A. not met.</p>	<p>B.1 Be in MODE 3.</p> <p><u>AND</u></p> <p>B.2 Be in MODE 4 and on shutdown cooling.</p>	<p>6 hours</p> <p>12 hours</p>
C. Backup Nitrogen Gas capacity < 8 hours	C.1 Restore Nitrogen gas capacity to $\geq$ 8 hours.	72 hours
D. Required Action and associated Completion Time of Condition C. not met.	D.1 Declare ADV inoperable.	Immediately



SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.7.11.1	Demonstrate each ADV will: <ul style="list-style-type: none"> <li>a. Close to its isolation position on a simulated or actual MSIS signal,</li> <li>b. Open in modulate/override mode with a simulated or actual MSIS signal present,</li> <li>c. Open in modulate mode using the backup Nitrogen system.</li> </ul>	24 months
SR 3.7.11.2	Perform one complete manual cycle of the ADV.	24 months
SR 3.7.11.3	Verify $\geq$ 8 hours Nitrogen gas system capability.	7 days

CROSS REFERENCES - None

### 3.7 PLANT SYSTEMS

#### 3.7.12 Control Room Emergency Air Cleanup System

LCO 3.7.12 Two Control Room Emergency Air Cleanup System (CREACUS) trains shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, 4, 5 and 6

-----NOTE-----  
CREACUS is a shared system between Units 2 and 3.  
-----

#### ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One CREACUS train inoperable.	<p>-----NOTE----- When in this condition during movement of irradiated fuel also enter Condition C. -----</p> <p>A.1 Restore CREACUS train to OPERABLE status.</p>	7 days
<p>B. Required Action and associated Completion Time of Condition A. not met in MODEs 1, 2, 3, or 4.</p> <p><u>OR</u></p> <p>Two CREACUS trains inoperable in MODEs 1, 2, 3, or 4.</p>	<p>-----NOTE----- When in this condition during movement of irradiated fuel also enter Condition C. or D. as appropriate. -----</p> <p>B.1 Be in MODE 3.</p> <p><u>AND</u></p> <p>B.2 Be in MODE 5.</p>	<p>6 hours</p> <p>36 hours</p>

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
C. Required Action and associated Completion Time of Condition A. not met in MODEs 5 or 6, or during movement of irradiated fuel.	<p>-----NOTES-----</p> <p>1. Toxic gas protection mode is preferred if auto-swap over toxic gas protection mode is inoperable.</p> <p>2. Performance of Actions C.2.1, .2, or .3 shall not preclude completion of actions to establish a safe conservative condition.</p> <p>-----</p>	
	C.1 Place OPERABLE CREACUS train in emergency radiation protection mode.	Immediately
	<u>OR</u>	
	C.2.1 Suspend CORE ALTERATIONS.	Immediately
	<u>AND</u>	
	C.2.2 Suspend positive reactivity additions.	Immediately
	<u>AND</u>	
	C.2.3 Suspend movement of irradiated fuel.	Immediately

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
D. Two CREACUS trains inoperable in MODEs 5 or 6, or during movement of irradiated fuel.	<p>-----NOTE-----</p> <p>Performance of Actions D.1, .2, or .3 shall not preclude completion of actions to establish a safe conservative condition.</p> <p>-----</p>	
	D.1 Suspend CORE ALTERATIONS.	Immediately
	<u>AND</u>	
	D.2 Suspend positive reactivity additions.	Immediately
	<u>AND</u>	
	D.3 Suspend movement of irradiated fuel.	Immediately

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.7.12.1	Operate each CREACUS train for $\geq 10$ continuous hours with the heaters operating.	31 days
SR 3.7.12.2	Perform required CREACUS train filter testing in accordance with the Ventilation Filter Testing Program.	In accordance with the Ventilation Filter Testing Program
SR 3.7.12.3	Demonstrate each CREACUS train actuates on an actual or simulated actuation signal.	24 months
SR 3.7.12.4	Demonstrate one CREACUS train can maintain a positive pressure of $\geq 0.125$ inches water gauge, relative to the outside atmosphere while in emergency mode.	24 months

CROSS REFERENCES - None

### 3.7 PLANT SYSTEMS

#### 3.7.4 Auxiliary Feedwater System

LCO 3.7.4 The Auxiliary Feedwater System (AFW) shall be OPERABLE.

-----NOTE-----  
Only one motor-driven pump is required in MODE 4.  
-----

APPLICABILITY: MODES 1, 2, 3 and  
MODE 4 when a steam generator is relied on for heat removal.

#### ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One steam supply to turbine-driven AFW pump inoperable.	A.1 Restore steam supply to OPERABLE status.	7 days
B. One AFW train inoperable for reasons other than Condition A.	B.1 Restore AFW train to OPERABLE status.	72 hours
C. Required Actions and associated Completion Times for Conditions A. or B. not met.  <u>OR</u>  Two AFW trains inoperable.	C.1 Be in MODE 3.  <u>AND</u>  C.2 Be in MODE 4.	6 hours   12 hours

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
D. Three AFW trains inoperable.	<p>-----NOTE----- LCO 3.0.3 and all other LCO Required Actions requiring MODE changes are suspended until at least one AFW train is restored to OPERABLE status. -----</p> <p>D.1 Initiate action to restore one AFW train to OPERABLE status as soon as practicable.</p>	Immediately

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.7.4.1	Verify each AFW manual, power operated, and automatic valve in the flow path that is not locked, sealed, or otherwise secured in position, is in its correct position.	31 days
SR 3.7.4.2	<p>-----NOTE----- SRs 3.0.1 and 3.0.4 are not applicable for entry into and operation in MODE 3, for purposes of testing the turbine driven AFW pump. -----</p> <p>Test each AFW pump in accordance with the Inservice Testing Program.</p>	31 days
SR 3.7.4.3	Demonstrate that AFW piping is full of water by venting accessible discharge piping high points.	31 days

(continued)

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE	FREQUENCY
SR 3.7.4.4      Demonstrate each automatic valve actuates to its correct position on an actual or simulated actuation signal.	24 months
SR 3.7.4.5      -----NOTE----- SRs 3.0.1 and SR 3.0.4 are not applicable for entry into and operation in MODE 3 for purposes of testing the turbine driven AFW pump. ----- Demonstrate each AFW pump starts automatically on an actual or simulated actuation signal.	24 months
SR 3.7.4.6      Demonstrate the required AFW flow paths from the Condensate Storage Tank to the Steam Generator through one of the AFW trains by performing a flow test.	Prior to entering MODE 2 whenever the unit has been in MODE 5 or 6 for > 30 days.

CROSS REFERENCES - None



## 3.7 PLANT SYSTEMS

3.7.5 Condensate Storage Tanks

LCO 3.7.5            The Condensate Storage Tanks (CST) level shall be within limits.

APPLICABILITY:    MODES 1, 2, and 3  
                      MODE 4 when steam generator is relied on for heat removal.ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A.    Either CST level not within limits.	A.1    Restore CST level to within limits.	4 hours
	<u>OR</u>	
	A.2.1    Verify OPERABILITY of backup water supply.	4 hours
	<u>AND</u>	<u>AND</u> Once per 12 hours thereafter
	A.2.2    Restore CST level to within limits.	7 days
B.    Required Actions and associated Completion times not met.	B.1    Be in MODE 3.	6 hours
	<u>AND</u>	
	B.2    Be in MODE 4 without reliance on Steam Generator for heat removal.	18 hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
SR 3.7.5.1      Verify CST level is within limits.	12 hours

CROSS REFERENCES

TITLE	NUMBER
1. Auxiliary Feedwater System	3.7.4
2. Accident Monitoring Instrumentation	3.3.14

### 3.7 PLANT SYSTEMS

#### 3.7.6 Secondary Specific Activity

LCO 3.7.6            The Specific Activity of the Secondary Coolant shall be  
                          $\leq 0.10 \mu\text{Ci/gm}$  DOSE EQUIVALENT I-131.

APPLICABILITY:    MODES 1, 2, 3, and 4.

#### ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A.    Specific Activity not within limits.	A.1    Be in MODE 3.	6 hours
	<u>AND</u> A.2    Be in MODE 5.	36 hours

#### SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
SR 3.7.6.1    Demonstrate the specific activity of the Secondary Coolant is $\leq 0.10 \mu\text{Ci/gm}$ DOSE EQUIVALENT I-131.	31 days

#### CROSS REFERENCES

TITLE	NUMBER
1.    RCS Leakage	3.4.7
2.    RCS Activity	3.4.8

## 3.7 PLANT SYSTEMS

3.7.7 Component Cooling Water System

LCO 3.7.7 Two Component Cooling Water (CCW) trains shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, and 4.

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One CCW train inoperable.	A.1 Restore CCW train to OPERABLE status.	72 hours
B. Required Action and associated Completion Time of Condition A. not met.	B.1 Be in MODE 3.	6 hours
	<u>AND</u> B.2 Be in MODE 5.	36 hours
C. Two CCW trains inoperable.	C.1 BE in MODE 4.	12 hours
	<u>AND</u> C.2 Initiate action to place unit in MODE 5 with an adequate complement of CCW components as soon as practicable.	13 hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.7.7.1	Verify each CCW manual, power-operated, or automatic valve in the flow path servicing safety-related equipment, that is not locked, sealed, or otherwise secured in position, is in its correct position.	31 days
SR 3.7.7.2	Demonstrate each CCW automatic valve in the flow path actuates to its correct position on an actual or simulated actuation signal.	24 months
SR 3.7.7.3	Demonstrate each CCW pump starts automatically on an actual or simulated actuation signal.	24 months

CROSS REFERENCES

TITLE	NUMBER
1. RCS Loops - MODE 4	3.4.3
2. Emergency Chilled Water	3.7.9
3. AC Sources - Operating	3.8.1

### 3.7 PLANT SYSTEMS

#### 3.7.8 Saltwater Cooling System

LCO 3.7.8 Two Saltwater Cooling System (SWCS) trains shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, and 4.

#### ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One SWCS train inoperable.	A.1 Restore SWCS train to OPERABLE status.	72 hours
B. Required Action and associated Completion Time of Condition A. not met.	B.1 Be in MODE 3.	6 hours
	<u>AND</u> B.2 Be in MODE 5.	36 hours
C. Two SWCS trains inoperable.	C.1 Be in MODE 4.	12 hours
	<u>AND</u> C.2 Initiate action to place unit in MODE 5 with an adequate complement of SWCS components as soon as practicable.	13 hours