

| ACTION/EXPECTED RESPON | RESPONSE NOT OBTAINE |
|---------------------------------------|---|
| MOTE: Foldout | |
| | bage should be open. |
| | age shourd be open. |
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| CAUT | |
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| initiation will be necessar | fter SI is reset, manual SI ry to load safeguard equipment |
| onto the diesel powered 4 | (V DUSSES. |
| 1 Verify SI Reset: | |
| a. SLSS surveillance pane | el a. Reset SI at SLSS |
| load group lights - O | |
| b. Verify lockout switche - RESET. | es b. Manually reset lockout switches. |
| 2 <u>Stop SI System Pumps:</u> | |
| a. Stop both feed pumps. | |
| b. Stop both SI pumps. | |
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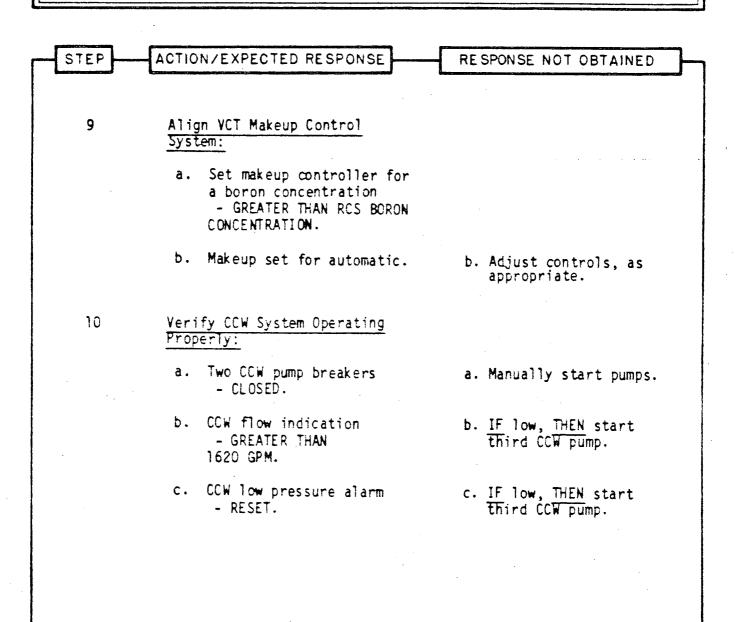
501-1.2-1.03 SI TERMINATION FOLLOWING REV O SPURIOUS SI STEP ACTION/EXPECTED RESPONSE RESPONSE NOT OBTAINED CAUTION -----AFW pump water supply must be maintained to ensure adequate heat sink. 3 Check CST Level: a. CST Level - GREATER a. IF CST level low, THAN 4 FT. THEN transfer to alternate AFW water supply per SO1-7-3, AUXILIARY FEEDWATER SYSTEM. 4 Check Steam Generator Levels: a. IF less than 26%, THEN maintain. a. Narrow range level - GREATER THAN 26%. 1) Total AFW flow - GREATER THAN 250 GPM. 2) AFW flow per SG - LESS THAN 150 GPM. Throttle AFW flow to b. maintain narrow range level at 50%.

| STEP | ACTION/EXPECTED RESPONSE | RESPONSE NOT OBTAINED |
|------|---|--|
| 5 | Verify SI Reinitiation NOT Required: | |
| | a. RCS pressure - GREATER THAN 1735 PSIG. | Manually reinitiate Go to S01-1.2-1.0, REACTOR TRIP OR SAFETY INJECTION, step 5. |
| | b. RCS subcooling - GREATER THAN 40 °F. | |
| • | .c. Pressurizer level - GREATER THAN 102. | |
| | d. Containment pressure - LESS THAN 1.4 PSIG. | |
| 6 | Verify Offsite Power Available: | |
| | a. 220 KV switchyard voltage - NORMAL. | a. IF low, THEN go to SO1-1.7-T, LOSS OF OFFSITE POWER/STATION BLACKOUT. |
| 7 | Reset Containment Isolation: | |
| | a. Depress Train A AND B containment isolation pushbuttons. | a. Use override push- buttons for valves needed opening as containment systems are placed in service |
| 8 | | |
| C | Verify Charging Established: | |

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SI TERMINATION FOLLOWING SPURIOUS SI REV O



| STEP | ACTION/EXPE | CTED RESPONSE | RE SPON SE | NOT OBTAINED | |
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| 11 | Align Letdov | m System: | | | |
| | exchang control | inservice RHR heat ger temperature ller to - MANUAL, 25% OPEN. | · · · · · · | · · · · · · · · | |
| | control | etdown pressure Ter PCV 1105 to JAL,SET AT 50% OPEN. | | | |
| | | RCS letdown CV 525 526 - OPEN. | c Manua | lly open valves. | |
| | d. Verify | LCV 1112 - OPEN. | d. Manual | ly open valve. | |
| | e. Verify switch | LCV 1100 A control - AUTO. | e. Manual switch | lly position | |
| 12 | Place Letdow | m In Service: | | | |
| | isolati adjust | e letdown orifice on valve <u>AND</u> manuall letdown pressure and ture to stable condi | | · · | |
| | control | etdown pressure ler PCV 1105 to , SET AT 350 PSIG. | | | |
| | exchang | nservice RHR heat er temperature ler to - AUTO, SET °F. | | | |

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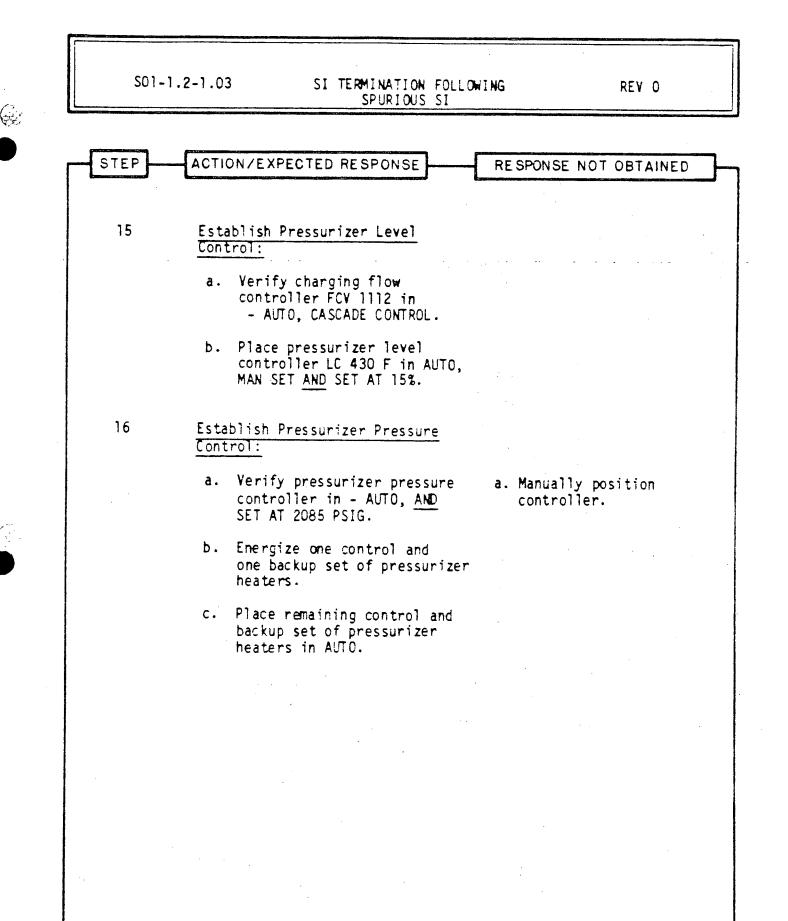
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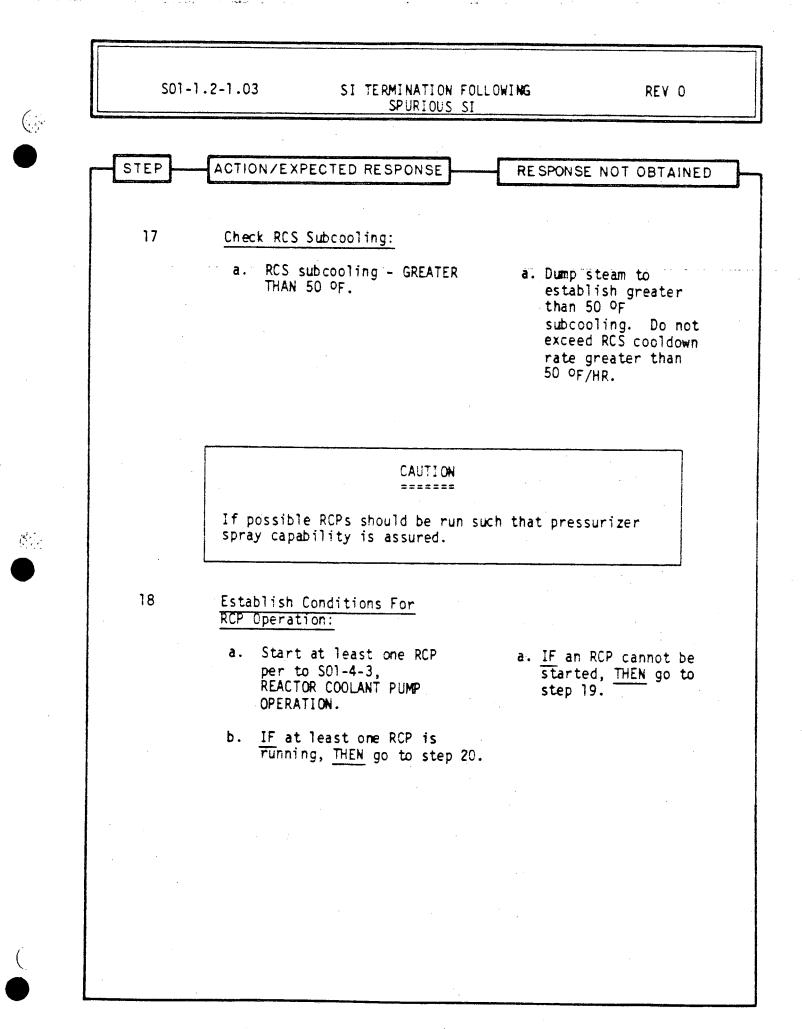
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SI TERMINATION FOLLOWING SPURIOUS SI

| | ACTIC | N/EXPECTED RESPONSE | RE | SPONSE NOT OBTAINED |
|----|-------|--|-----------|---|
| 13 | Alig | n Charging Pump Suction To VCT | <u>[:</u> | |
| | ð. | Verify VCT level - GREATER THAN 22%. | a. | Manually restore |
| | b. | Open MOV 1100 C. | | |
| | c. | Close MOV 1100 B AND D. | | |
| | d. | Place control switches for MOV 1100 B, D AND C in AUTO. | · . | |
| 4 | Chec | k RCP Cooling: | | |
| | a. | RCP low CCW flow alarms - RESET. | а. | Manually adjust CCW flow. |
| | b. | RCP seal injection flow established with RCP thermal barrier delta pressures - GREATER THAN 10 INCHES. | | Establish seal water by placing flow controllers in AUTO <u>AND</u> set to maintain a positive delta pressure. |
| | c. | Verify RCP seal return CV 527 <u>AND</u> CV 528 - OPEN. | • | • • |
| | d. | Verify seal leakoff is - LESS THAN 4.5 GPM. | d. | Place PCV 1115 A, B <u>AND</u> C in AUTO. |
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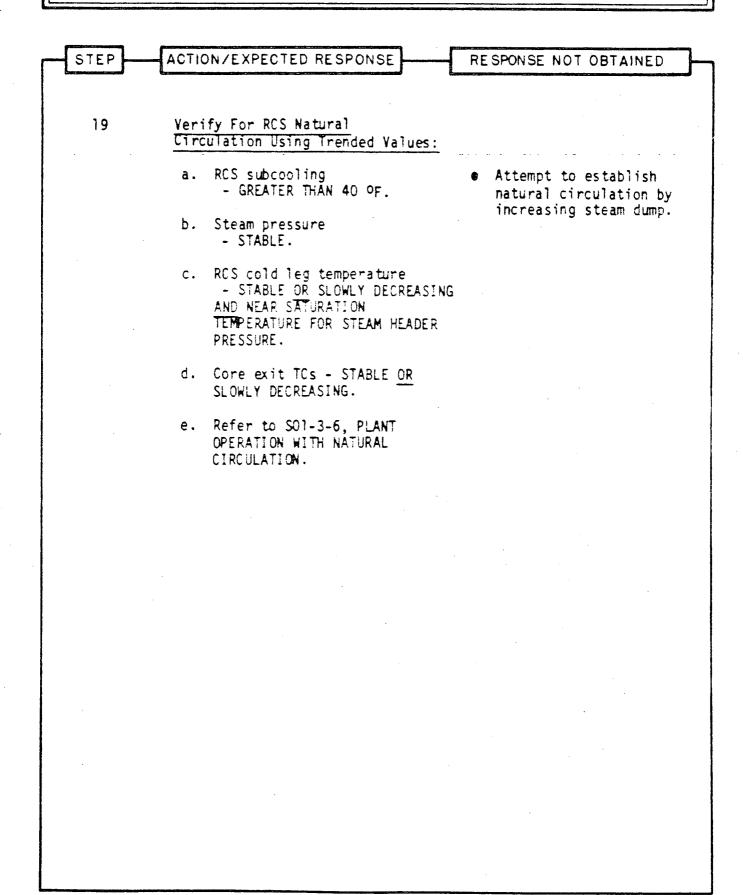
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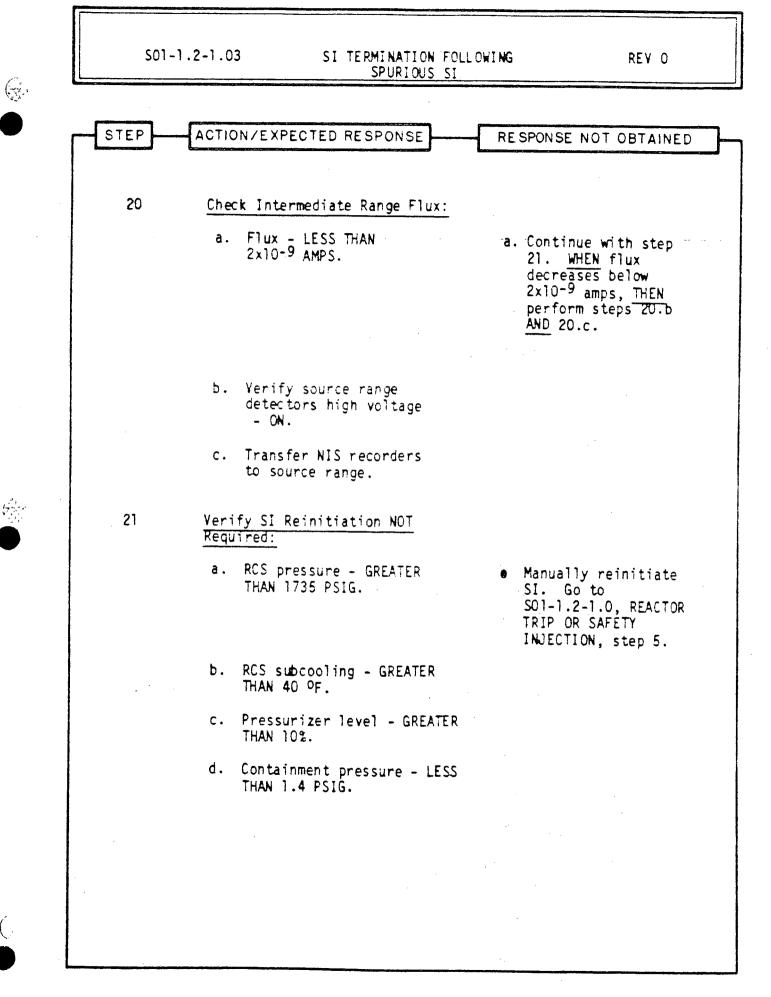


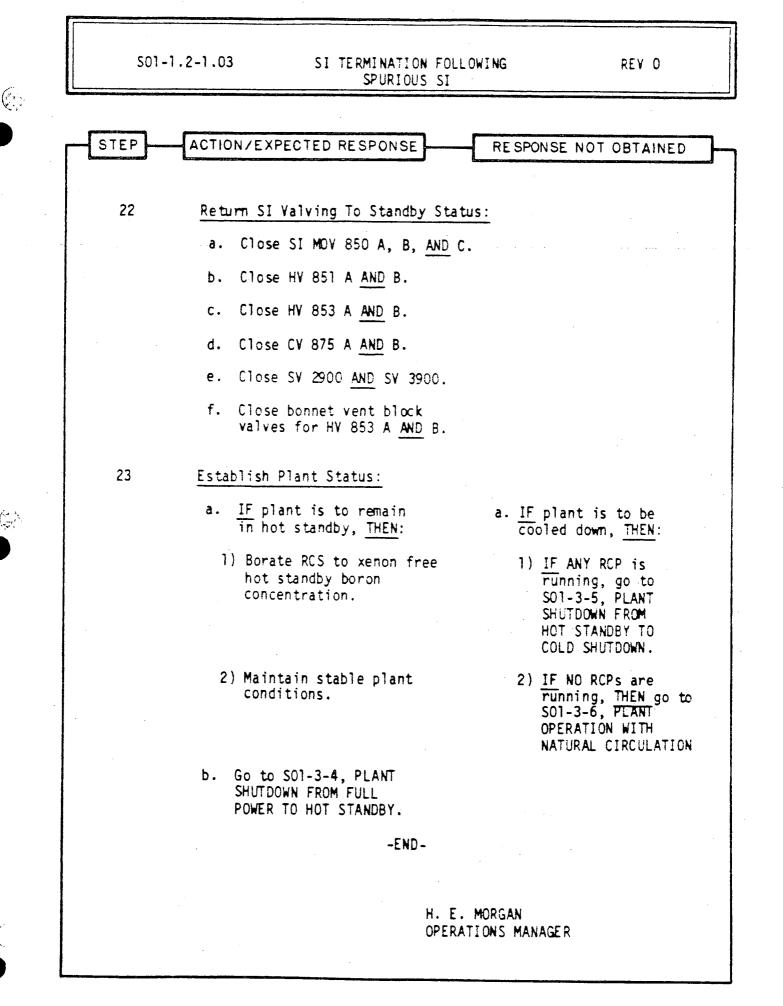
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SI TERMINATION FOLLOWING SPURIOUS SI







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MOTOR DRIVEN AFW PUMP RESTART CRITERIA

- a. IF a motor driven AFW pump trips on low discharge pressure, THEN:
 - 1) Lower AFW flow controllers.
 - 2) Reset AND restart pump.

SI TERMINATION CRITERIA FOR SPURIOUS SI

a. Terminate SI when ALL parameters listed below are met:

1) Containment Conditions - NORMAL . 2) RCS Pressure - GREATER THAN 1840 PSIG. <u>3</u>) RCS Subcooling -=40 OF. Pressurizer Level 4) - GREATER THAN 15%. 5) Heat Sink: (a) SG Level - GREATER THAN 10%. OR (b) AFW Flow - GREATER THAN 250 GPM.

SI REINITIATION CRITERIA FOLLOWING SPURIOUS SI

a. Reinitiate SI if <u>ANY DNE</u> of the parameters listed below occurs:
 1) RCS Pressure - LESS THAN 1735 PSIG.

2) RCS Subcooling
3) Pressurizer Level
4) Containment Pressure
- LESS THAN 1/35 PS16.
- LESS THAN 40 PF.
- LESS THAN 10%.
- GREATER THAN 1.4 PS16.

COLD LEG RECIRCULATION SWITCHOVER CRITERIA

a. IF RWST level less than 212 THEN align SI system for cold leg recirculation per SO1-1.2-1.13, TRANSFER TO COLD LEG INJECTION AND RECIRCULATION.

SYMPTOMS FOR RESPONSE TO INADEQUATE CORE COOLING

- a. Go to SO1-1.2-14, RESPONSE TO INADEQUATE CORE COOLING, when <u>ANY</u> ONE of the following symptoms occur:
 - 1) Five or more core exit TCs GREATER THAN 1200 PF.
 - 2) RCS hot leg temperatures GREATER THAN 700 °F.

SYMPTOMS FOR RESPONSE TO LOSS OF SECONDARY HEAT SINK

a. Go to SO1-1.2-15, RESPONSE TO LOSS OF SECONDARY HEAT SINK IF AFW Flow is NOT AVAILABLE.

IF EVENTS REQUIRE IMPLEMENTATION OF THIS PROCEDURE

- a. Notify Shift Technical Advisor.
- b. Notify Shift Communicator.
- c. Determine if event is classified as an emergency and requires notification of offsite agencies and implementation of the Emergency Plan per S0123-VIII-11, RECOGNITION AND CLASSIFICATION OF EMERGENCIES.
- d. IF event is NOT classified as an emergency in c above THEN determine if notification of the NRC is required within one hour per-SO1-14-13, NOTIFICATION TO NRC OF SIGNIFICANT EVENTS.