INADEQUATE SUBCOOLING MARGIN

1.0 ENTRY CONDITIONS

IF in one of the following modes:

- Mode 3
- Mode 4

AND either of the following conditions exist:

- "SUBCOOLING MARGIN" monitor indicates inadequate SCM
- SPDS indicates inadequate SCM

THEN use this procedure.

Approved by MNPO T.L. Wilson (SIGNATURE ON FILE) Date 5/20/98

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2.0 IMMEDIATE ACTIONS

ACTIONS | DETAILS

CAUTION

Tripping all RCPs > 2 min after losing adequate SCM may cause core damage.

2.1 ___ IF < 2 min have elapsed since losing adequate SCM, THEN trip all RCPs.

___ IF RCPs were NOT tripped within 2 min, THEN ensure 1 RCP remains running in each loop.

[Rule 1, Loss of SCM]

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3.0 FOLLOW-UP ACTIONS

ACTIONS	DETAILS
3.1 ___ Notify personnel of plant conditions.	• ___ STA • ___ Plant Operators • ___ NSM (evaluate plant conditions for potential entry into Emergency Plan)
3.2 ___ Notify PPO to **CONCURRENTLY PERFORM** EOP-14, Enclosure 2, PPO Post Event Actions.	

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ACTIONS | DETAILS

CAUTION

Concurrently performing APs prior to Step 3.19 could result in delays in performing time critical actions.

3.3 ___ Verify all HPI valves are open.

___ IF any HPI valve is NOT open,
THEN open affected HPI valve.

1 ___ IF power is lost to MUV-23, OR MUV-24,
THEN select:

___ "'A' SOURCE" to "OFF"

___ "'B' SOURCE" to "ON"

2 ___ IF power is lost to MUV-25, OR MUV-26,
THEN select:

___ "'B' SOURCE" to "OFF"

___ "'A' SOURCE" to "ON"

3 Ensure all HPI valves are open:

___ MUV-23

___ MUV-24

___ MUV-25

___ MUV-26

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ACTIONS	DETAILS
3.4 ___ Ensure full HPI. [Rule 5, EDG Control]	• BWST to MUP valves open: ___ MUV-73 ___ MUV-58 • ES selected MUPs and required cooling systems running: ___ MUP-1A ___ MUP-1B ___ MUP-1C • MUP recirc to MUT valves closed: ___ MUV-53 ___ MUV-257 • HPI recirc to sump valves closed: ___ MUV-543 ___ MUV-544 ___ MUV-545 ___ MUV-546 • Letdown isolation valves closed: ___ MUV-49 ___ MUV-567
___ IF HPI can NOT be established, THEN establish and maintain maximum possible cooldown rate.	• ___ Fully open all ADVs and TBVs. • _ _ WHEN OTSG PRESS <725 psig, THEN depress "< 725 PSI STM GEN PRESS EFIC ACT BYPASS" push buttons on all EFIC channels.

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ACTIONS	DETAILS
3.5 ___ Verify MUV-27 is closed.	
___ IF MUV-27 is NOT closed, THEN close MUV-27	1 ___ IF MUV-27 is de-energized, THEN transfer ES MCC 3AB power supply. 2 ___ Close MUV-27 3 ___ IF MUV-27 fails to close, THEN isolate normal makeup and GO TO Step 3.7 in this procedure.

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ACTIONS	DETAILS
3.6 ___ Ensure HPI flow is properly directed.	1 Record digital narrow range HPI flow: _____ _____ _____ _____ A1 A2 B1 B2 2 Determine HPI differential flow: _____ - _____ = _____ HIGHEST 2nd HIGHEST Δ FLOW 3 ___ IF HPI differential flow is > 50 gpm, AND all HPI valves are open, THEN perform the following: ___ Bypass Auto ES actuations. ___ Reset manual ES actuations. ___ Close HPI valve on the high flow line. ___ Remove power from affected HPI valve.

3.7 ___ Ensure DHV-3 is closed.

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ACTIONS	DETAILS
3.8 ___ IF RCPs are NOT running, THEN isolate seal injection.	1 ___ Close MUV-18 2 ___ IF MUV-18 fails to close, THEN isolate seal injection line.
3.9 ___ Ensure level in available OTSGs is at or trending towards "ISCM" setpoint. See Table 1	• Depress "ISCM" push buttons for EFIC channels A and B. [Rule 3, EFW Control]
___ IF EFW is NOT available, THEN CONCURRENTLY PERFORM EOP-14, Enclosure 10, Alternate OTSG Feedwater Supply.	

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ACTIONS	DETAILS
3.10 ___ IF at any time, ES systems have, OR should have actuated, THEN ensure ES equipment is properly aligned.	1 Ensure applicable ES actuations: ___ HPI (1500 psig RCS PRESS) ___ LPI (500 psig RCS PRESS) ___ RBIC (4 psig RB PRESS) ___ RB Spray (30 psig RB PRESS) 2 Bypass or reset ES actuation: ___ Auto ___ Manual 3 ___ Control ES systems as required. [Rule 2, HPI Control] [Rule 5, EDG Control]

Applicable carry-over steps:
3.10 IF ES systems have OR should have actuated, THEN ensure...

ACTIONS	DETAILS
3.11 ___ Monitor SCM based on T_{incore}. See Table 2	• Select "INCORE" on: ___ "SUBCOOLING MARGIN" monitors ___ SPDS
3.12 ___ Ensure CC ventilation is running in emergency mode.	• **CONCURRENTLY PERFORM** EOP-14, Enclosure 17, Control Complex Emergency Ventilation.
3.13 ___ IF at any time, BWST level is < 20 ft, THEN transfer ECCS pump suction to RB sump.	• **PERFORM** EOP-14, Enclosure 19, ECCS Suction Transfer.
3.14 ___ IF LPI flow is > 1400 gpm in any line, THEN **GO TO** EOP-08, LOCA Cooldown, beginning with Step 3.1	

Applicable carry-over steps:
3.10 IF ES systems have OR should have actuated, THEN ensure...
3.13 IF BWST level is < 20 ft, THEN transfer ECCS pump suction...

ACTIONS	DETAILS
3.15 ___ IF OTSG tube leakage is causing level to rise, AND full HPI flow exists from at least 1 HPI pump, THEN control OTSG levels.	• ___ Stop EFW flow to affected OTSG. • ___ Ensure unaffected OTSG level is progressing to "ISCM" setpoint. See Table 1 • ___ IF in manual, THEN feed unaffected OTSG at single OTSG inadequate SCM rate. [Rule 3, EFW Control] • ___ IF condenser is available, THEN notify SPO to **CONCURRENTLY PERFORM** EOP-14, Enclosure 6, OTSG Blowdown Lineup (if accessible).
3.16 ___ IF EDG A is supplying power to A ES 4160V Bus, THEN **PERFORM** EOP-14, Enclosure 11, EDG A Load Management.	
3.17 ___ Verify a CC chiller is running.	
___ IF a CC chiller is NOT running, THEN start a CC chiller.	• Notify PPO to **CONCURRENTLY PERFORM** EOP-14, Enclosure 18, Control Complex Chiller Startup.

Applicable carry-over steps:
3.10 IF ES systems have OR should have actuated, THEN ensure...
3.13 IF BWST level is < 20 ft, THEN transfer ECCS pump suction...

ACTIONS	DETAILS
3.18 ___ Isolate potential RCS leak paths.	• Close HPVs: ___ RCV-159 ___ RCV-160 ___ RCV-157 ___ RCV-158 ___ RCV-163 ___ RCV-164 • Close letdown cooler inlet valves: ___ MUV-38 ___ MUV-39 ___ MUV-498 • Close PZR spray valves: ___ RCV-53 ___ RCV-13 ___ RCV-14 • ___ IF HPI PORV cooling is NOT in progress, THEN close PORV and block valve: ___ PORV ___ RCV-11 • ___ Restore isolated components as required after eliminated as leakage source.

Applicable carry-over steps:
3.10 IF ES systems have OR should have actuated, THEN ensure...
3.13 IF BWST level is < 20 ft, THEN transfer ECCS pump suction...

	ACTIONS	DETAILS
3.19 ___	IF at any time, T_{incore} indicates > 20°F superheat, THEN GO TO EOP-07, Inadequate Core Cooling, beginning with Step 3.1	
3.20 ___	IF HPI flow can NOT be established, THEN GO TO Step 3.27 in this procedure.	
3.21 ___	Verify T_{incore} is stable or lowering.	
___	IF T_{incore} is NOT stable, OR NOT lowering, THEN reduce OTSG PRESS to stabilize T_{incore}.	• Control OTSG PRESS using TBVs or ADVs.
3.22 ___	IF inadequate primary to secondary heat transfer exists, THEN GO TO EOP-04, Inadequate Heat Transfer, beginning with Step 3.1	
3.23 ___	IF excessive primary to secondary heat transfer exists, THEN GO TO EOP-05, Excessive Heat Transfer, beginning with Step 3.1	

Applicable carry-over steps:
3.10 IF ES systems have OR should have actuated, THEN ensure...
3.13 IF BWST level is < 20 ft, THEN transfer ECCS pump suction...
3.19 IF T_{incore} indicates > 20°F superheat, THEN GO TO EOP-07...

ACTIONS	DETAILS

3.24 ___ Verify adequate SCM exists.

See Table 2

___ IF adequate SCM does NOT exist,
THEN **GO TO** EOP-08, LOCA Cooldown, beginning with Step 3.1

3.25 ___ IF any of the following indicate > 1 gpm OTSG tube leakage:

___ Chemistry sampling

___ RM-A12 (Condenser Exh)

___ RM-G26-RI (B1 MS line)

___ RM-G27-RI (A2 MS line)

___ RM-G25-RI (A1 MSV-25)

___ RM-G28-RI (B2 MSV-26)

THEN **GO TO** EOP-06, Steam Generator Tube Rupture, beginning with Step 3.1

3.26 ___ **GO TO** EOP-02, Vital System Status Verification, beginning with Step 3.1

Applicable carry-over steps:
3.10 IF ES systems have OR should have actuated, THEN ensure...
3.13 IF BWST level is < 20 ft, THEN transfer ECCS pump suction...
3.19 IF T_{incore} indicates > 20°F superheat, THEN GO TO EOP-07...

ACTIONS	DETAILS

STATUS

- Adequate SCM does not exist.
- HPI flow is not available.

3.27 ___ IF at any time, either OTSG PRESS is < 725 psig, THEN bypass EFIC isolation actuations.

- Depress "< 725 PSI STM GEN PRESS EFIC ACT BYPASS" push buttons:
  - ___ Channel A
  - ___ Channel B
  - ___ Channel C
  - ___ Channel D

NOTE

Maximizing RCS cooldown may result in OTSG levels lowering. This is acceptable when maximum EFW or AFW flow exists.

3.28 ___ Establish and maintain maximum possible cooldown rate.

- Reduce OTSG PRESS as low as possible:
  - ___ Open TBVs
  - ___ Open ADVs

3.29 ___ IF at any time, EFP-2 is running, THEN CONCURRENTLY PERFORM EOP-14, Enclosure 7, EFP-2 Management.

Applicable carry-over steps:
3.10 IF ES systems have OR should have actuated, THEN ensure...
3.13 IF BWST level is < 20 ft, THEN transfer ECCS pump suction...
3.19 IF T_{incore} indicates > 20°F superheat, THEN GO TO EOP-07...
3.27 IF either OTSG PRESS is < 725 psig, THEN bypass EFIC isolation...
3.29 IF EFP-2 is running, THEN CONCURRENTLY PERFORM...

ACTIONS	DETAILS
3.30 ___ Ensure continuous efforts are in progress to establish HPI flow.	
3.31 ___ IF at any time, RCS PRESS is > 2400 psig, THEN reduce RCS PRESS based on OTSG PRESS.	1 ___ Open RCV-11 2 ___ Cycle PORV to obtain 50°F (40 to 60°F) primary to secondary delta TEMP while maintaining RCS PRESS ≥ 1000 psig. See Figure 3 3 ___ IF PORV fails to close, THEN close RCV-11
3.32 ___ Verify CFT isolation valves are open.	___ CFV-5 ___ CFV-6
___ IF CFT isolation valves are NOT open, THEN open CFT isolation valves (if accessible).	1 Notify PPO to unlock and close CFT isolation valve Bkrs (119 ft AB): ___ ES MCC 3AB-6B "CFV-5, A CFT Iso" ___ ES MCC 3AB-6C "CFV-5, B CFT Iso" 2 WHEN CFT isolation valve Bkrs are closed, THEN open CFT isolation valves: ___ CFV-5 ___ CFV-6

Applicable carry over steps:
3.10 IF ES systems have OR should have actuated, THEN ensure...
3.13 IF BWST level is < 20 ft, THEN transfer ECCS pump suction...
3.19 IF T_{incore} indicates > 20°F superheat, THEN GO TO EOP-07...
3.27 IF either OTSG PRESS is < 725 psig, THEN bypass EFIC isolation..
3.29 IF EFP-2 is running, THEN CONCURRENTLY PERFORM...

ACTIONS	DETAILS
3.33 ___ IF at any time, HPI is established, THEN close TBVs and ADVs and GO TO Step 3.1 in this procedure.	• ___ TBVs closed • ___ ADVs closed
3.34 ___ WHEN RCS PRESS is < 600 psig, THEN verify CFT discharge.	• ___ CFT levels lowering • ___ CFT PRESS lowers with RCS PRESS
3.35 ___ WHEN RCS PRESS < 500 psig, THEN ensure proper LPI actuation.	1 Ensure BWST to DHP valves are open: ___ DHV-34 ___ DHV-35 2 Ensure LPI injection valves are open: ___ DHV-5 ___ DHV-6 3 Ensure LPI pumps and required cooling pumps are operating: ___ DHP-1A ___ DHP-1B ___ RWP-3A ___ RWP-3B ___ DCP-1A ___ DCP-1B 4 Ensure LPI control valves are in "AUTO" and set for 3000 gpm: ___ DHV-110 ___ DHV-111

Applicable carry-over steps:
3.10 IF ES systems have OR should have actuated, THEN ensure...
3.13 IF BWST level is < 20 ft, THEN transfer ECCS pump suction...
3.19 IF T_{incore} indicates > 20°F superheat, THEN GO TO EOP-07...
3.27 IF either OTSG PRESS is < 725 psig, THEN bypass EFIC isolation..
3.29 IF EFP-2 is running, THEN CONCURRENTLY PERFORM...
3.33 IF HPI is established, THEN close TBVs and ADVs and...

ACTIONS	DETAILS
3.36 ___ WHEN RCS PRESS is < 200 psig, THEN open PORV and HPVs.	1 ___ Open RCV-11 2 ___ Open PORV. 3 Open HPVs:

PZR	___ RCV-159 ___ RCV-160
Loop A	___ RCV-157 ___ RCV-158
Loop B	___ RCV-163 ___ RCV-164

3.37 ___ IF at any time, LPI flow is > 1400 gpm in both injection lines, THEN close CFT isolation valves (if accessible).	1 Notify PPO to unlock and close CFT isolation valve Bkrs (119 ft AB): ___ ES MCC 3AB-6B "CFV-5, A CFT Iso" ___ ES MCC 3AB-6C "CFV-6, B CFT Iso" 2 WHEN CFT isolation valve Bkrs are closed, THEN close CFT isolation valves: ___ CFV-5 ___ CFV-6 3 Notify PPO to open CFT isolation valve Bkrs: ___ ES MCC 3AB-6B "CFV-5, A CFT Iso" ___ ES MCC 3AB-6C "CFV-6, B CFT Iso"

Applicable carry-over steps:
3.10 IF ES systems have OR should have actuated, THEN ensure...
3.13 IF BWST level is < 20 ft, THEN transfer ECCS pump suction...
3.19 IF T_{incore} indicates > 20°F superheat, THEN GO TO EOP-07...
3.27 IF either OTSG PRESS is < 725 psig, THEN bypass EFIC isolation..
3.29 IF EFP-2 is running, THEN CONCURRENTLY PERFORM...
3.33 IF HPI is established, THEN close TBVs and ADVs and...
3.37 IF LPI flow is > 1400 gpm in both injection lines, THEN close CFT...

ACTIONS	DETAILS
3.38 ___ WHEN adequate SCM, AND LPI flow exists, THEN continue in this procedure. See Table 2	
3.39 ___ Close CFT isolation valves (if accessible).	1 Notify PPO to unlock and close CFT isolation valve Bkrs (119 ft AB): ___ ES MCC 3AB-6B "CFV-5, A CFT Iso" ___ ES MCC 3AB-6C "CFV-6, B CFT Iso' 2 WHEN CFT isolation valve Bkrs are closed, THEN close CFT isolation valves: ___ CFV-5 ___ CFV-6 3 Notify PPO to open CFT isolation valve Bkrs: ___ ES MCC 3AB-6B "CFV-5, A CFT Iso" ___ ES MCC 3AB-6C "CFV-6, B CFT Iso"
3.40 ___ Verify total LPI flow is < 2000 gpm. ___ IF total LPI flow is NOT < 2000 gpm, THEN GO TO Step 3.58 in this procedure.	

Applicable carry-over steps:
3.10 IF ES systems have OR should have actuated, THEN ensure...
3.13 IF BWST level is < 20 ft, THEN transfer ECCS pump suction...
3.19 IF T_{incore} indicates > 20°F superheat, THEN GO TO EOP-07...
3.27 IF either OTSG PRESS is < 725 psig, THEN bypass EFIC isolation..
3.29 IF EFP-2 is running, THEN CONCURRENTLY PERFORM...
3.33 IF HPI is established, THEN close TBVs and ADVs and...

ACTIONS	DETAILS
3.41 ___ Ensure only 1 LPI train is in operation.	• ___ IF both LPI pumps are running, THEN stop one LPI pump: ___ DHP-1A ___ DHP-1B
3.42 ___ Verify idle LPI pump is available for DHR.	
___ IF idle LPI pump is NOT available for DHR, THEN GO TO Step 3.58 in this procedure.	
3.43 ___ IF DHP-1A is running, THEN GO TO Step 3.52 in this procedure.	

Applicable carry-over steps:
3.10 IF ES systems have OR should have actuated, THEN ensure...
3.13 IF BWST level is < 20 ft, THEN transfer ECCS pump suction...
3.27 IF either OTSG PRESS is < 725 psig, THEN bypass EFIC isolation..
3.29 IF EFP-2 is running, THEN CONCURRENTLY PERFORM...

ACTIONS | DETAILS

STATUS

- B LPI pump is providing RCS makeup.
- A train is available for DHR.

3.44 ___ WHEN all of the following exist:

___ PZR level > 80 in

___ RCS TEMP < 280°F

___ RCS PRESS < 215 psig on RCS low range

___ Adequate SCM

See Table 2

THEN continue in this procedure.

3.45 ___ Isolate BSP-1A from DH drop line.

1 ___ Ensure BSP-1A is stopped.

2 ___ Notify PPO to open "BSP-1A DC Knife Switch" for 4160V ES Bus 3A-8 (A ES 4160V SWGR Room).

3 ___ Select BSV-3 to "MAN" and closed.

Applicable carry-over steps:
3.10 IF ES systems have OR should have actuated, THEN ensure...
3.13 IF BWST level is < 20 ft, THEN transfer ECCS pump suction...

ACTIONS	DETAILS
3.46 ___ Align DHP-1A for DHR.	1 Ensure the following valves are closed: ___ DHV-8 ___ DHV-11 ___ DHV-34 ___ DHV-42 ___ DHV-40 2 Open the following valves: ___ DHV-39 ___ DHV-5
3.47 ___ Align DH drop line for DHR operation.	1 ___ Open DHV-41 2 ___ Open DHV-3 3 ___ Open DHV-4
3.48 ___ Start DHP-1A and required cooling systems.	1 ___ Ensure DHV-110 is selected to "AUTO" and 3000 gpm. 2 Start A DH train: ___ DCP-1A ___ RWP-3A ___ DHP-1A 3 ___ Ensure DHV-110 is controlling.

Applicable carry-over steps:
3.10 IF ES systems have OR should have actuated, THEN ensure...
3.13 IF BWST level is < 20 ft, THEN transfer ECCS pump suction...

	ACTIONS	DETAILS
3.49 ___	IF high PRESS Aux spray is NOT aligned, AND Aux spray is required, THEN establish Aux spray.	1 ___ Open DHV-91 2 ___ Throttle RCV-53 to control RCS PRESS.
3.50 ___	WHEN DH system is providing core cooling, THEN stop OTSG cooling.	1 ___ Depress "MANUAL PERMISSIVE" push buttons on EFIC channels A and B. 2 Close EFW control valves: ___ EFV-58 ___ EFV-57 ___ EFV-56 ___ EFV-55 3 ___ Stop EFP-1 4 Close EFP-2 steam supply valves: ___ ASV-204 ___ ASV-5 5 ___ Stop FWP-7 6 ___ Ensure TBVs and ADVs are closed.
3.51 ___	GO TO Step 3.58 in this procedure.	

Applicable carry-over steps:
3.10 IF ES systems have OR should have actuated, THEN ensure...
3.13 IF BWST level is < 20 ft, THEN transfer ECCS pump suction...

ACTIONS DETAILS

STATUS

- A LPI pump is providing RCS makeup.
- B train is available for DHR.

3.52 ___ WHEN all of the following exist:

___ PZR level > 80 in

___ RCS TEMP < 280°F

___ RCS PRESS < 215 psig on RCS low range

___ Adequate SCM

See Table 2

THEN continue in this procedure.

3.53 ___ Isolate BSP-1B from DH drop line.

1 ___ Ensure BSP-1B is stopped.

2 ___ Notify PPO to open "BSP-1B DC Knife Switch" for 4160V ES Bus 3B-7 (B ES 4160V SWGR Room).

3 ___ Select BSV-4 to "MAN" and closed.

Applicable carry-over steps:
3.10 IF ES systems have OR should have actuated, THEN ensure...
3.13 IF BWST level is < 20 ft, THEN transfer ECCS pump suction...

ACTIONS	DETAILS
3.54 ___ Align DHP-1B for DHR.	1 Ensure the following valves are closed: ___ DHV-7 ___ DHV-12 ___ DHV-35 ___ DHV-43 ___ DHV-39 2 Open the following valves: ___ DHV-40 ___ DHV-6
3.55 ___ Align DH drop line for DHR operation.	1 ___ Open DHV-41 2 ___ Open DHV-3 3 ___ Open DHV-4

Applicable carry-over steps:
3.10 IF ES systems have OR should have actuated, THEN ensure...
3.13 IF BWST level is < 20 ft, THEN transfer ECCS pump suction...

ACTIONS	DETAILS
3.56 ___ Start DHP-1B and required cooling systems.	1 ___ Ensure DHV-111 is selected to "AUTO" and 3000 gpm. 2 Start B DH train: ___ DCP-1B ___ RWP-3B ___ DHP-1B 3 ___ Ensure DHV-111 is controlling.
3.57 ___ WHEN DH system is providing core cooling. THEN stop OTSG cooling.	1 ___ Depress "MANUAL PERMISSIVE" push buttons on EFIC channels A and B. 2 Close EFW control valves: ___ EFV-58 ___ EFV-57 ___ EFV-56 ___ EFV-55 3 ___ Stop EFP-1 4 Close EFP-2 steam supply valves: ___ ASV-204 ___ ASV-5 5 ___ Stop FWP-7 6 ___ Ensure TBVs and ADVs are closed.

Applicable carry-over steps:
3.10 IF ES systems have OR should have actuated, THEN ensure...
3.13 IF BWST level is < 20 ft, THEN transfer ECCS pump suction...

	ACTIONS	DETAILS
3.58 ___	IF at any time, all of the following criteria are met: ___ BSPs running ≥ 5 hrs ___ RB PRESS < 10 psig ___ RB PRESS stable or lowering ___ RB atmosphere < 13 μCi/cc I^{131} ___ TSC has approved BS termination. THEN stop BSPs.	1 Ensure BSPs are stopped: ___ BSP-1A ___ BSP-1B 2 Select BSVs to "MAN" and closed: ___ BSV-3 ___ BSV-4 3 Select BSVs to "AUTO": ___ BSV-3 ___ BSV-4
3.59 ___	Throttle LPI to maintain minimum adequate SCM. See Table 2 [Rule 4, PTS]	___ DHV-110 ___ DHV-111
3.60 ___	Contact TSC for assistance.	• Request assistance for the following: ___ Raising LPI flow ___ Restoring HPI flow ___ RB H_2 control
3.61 ___	WHEN ECCS suction transfer is complete, THEN EXIT this procedure.	

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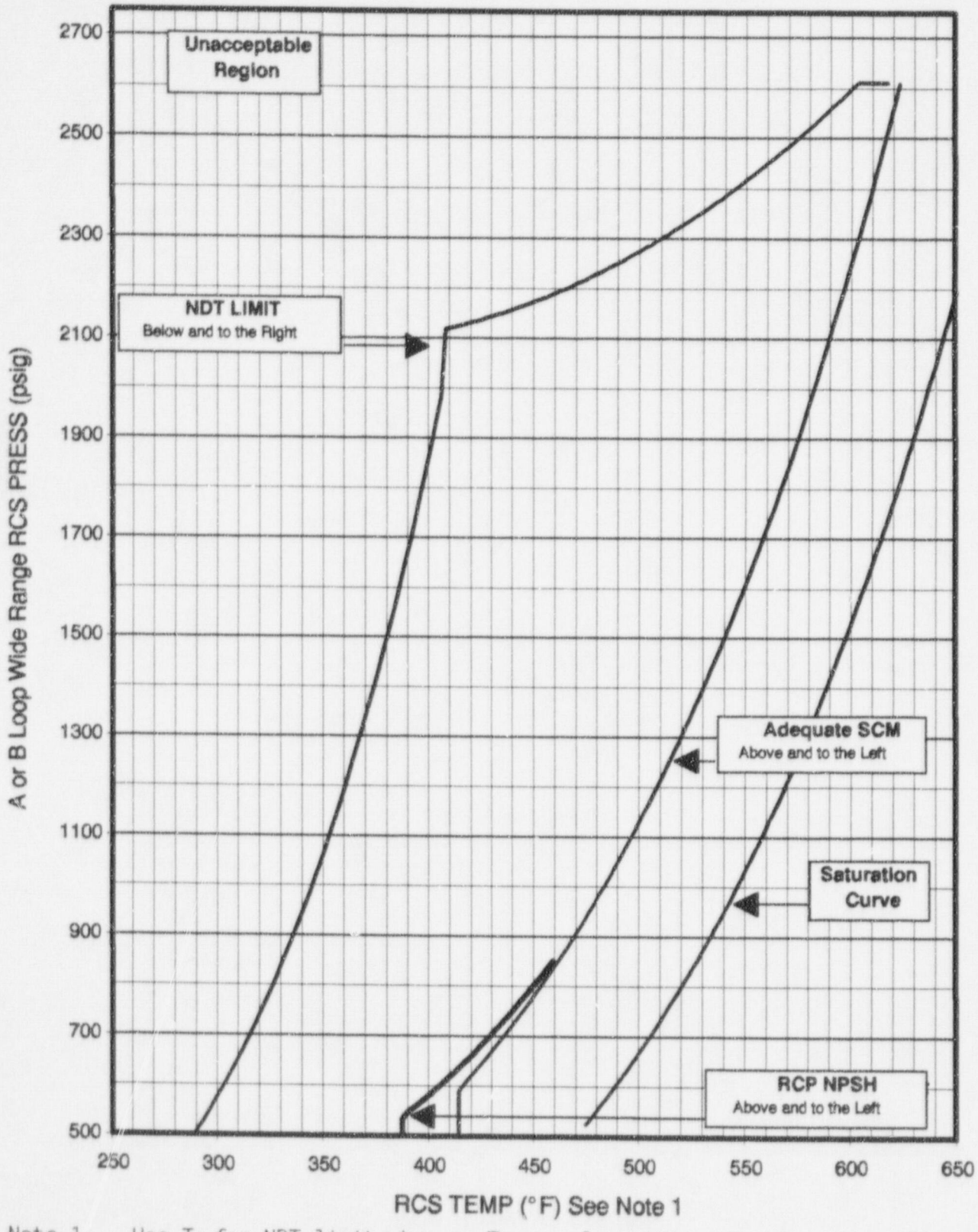
4.0 FIGURE 1 RCS PRESS AND TEMP (WIDE RANGE)



Note 1: Use T_c for NDT limit when no T_c anomaly exists. Use T_{incore} for all other RCS TEMP.

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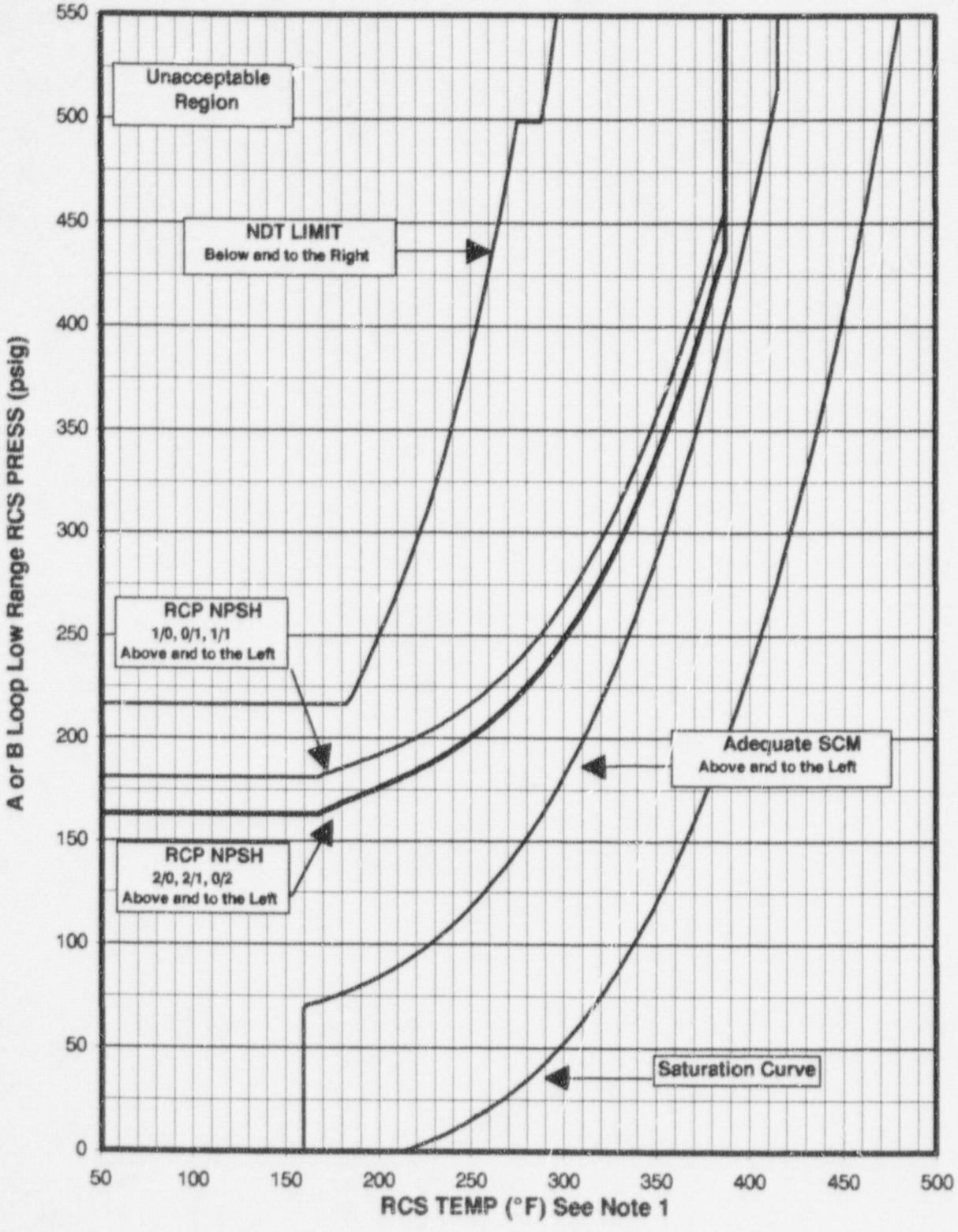
4.0 FIGURE 2 RCS PRESS AND TEMP (LOW RANGE)



Note 1: Use T_c for NDT limit when no T_c anomaly exists. Use T_{incore} for all other RCS TEMP.

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4.0 FIGURE 3 RCS PRESS TO ESTABLISH 50°F PRIMARY TO SECONDARY DELTA TEMP

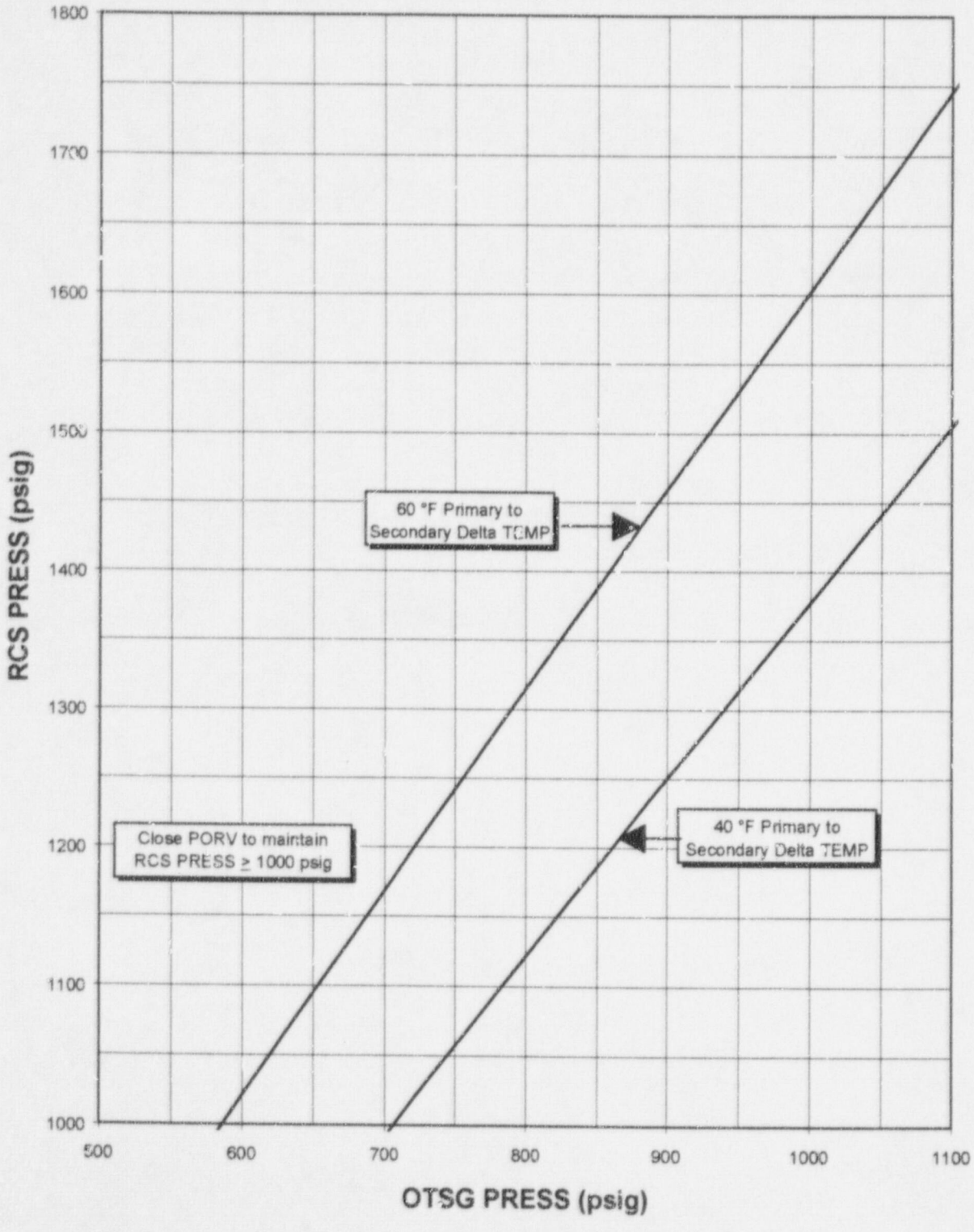

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Table 1:
Required OTSG levels

"LLL"	> 20 in	≥ 1 RCP running with adequate SCM
"NAT CIRC"	> 70%	No RCPs running with adequate SCM
"ISCM"	> 90%	Inadequate SCM

Table 2:
Adequate SCM

Note: See Figures 1 and 2 when T_{sat} margin monitors and SPDS are unavailable.	
RCS	SCM
> 1500 psig	≥ 30°F
≤ 1500 to > 350 psig	≥ 50°F
≤ 350 psig	SPDS
≤ 160°F	N/A