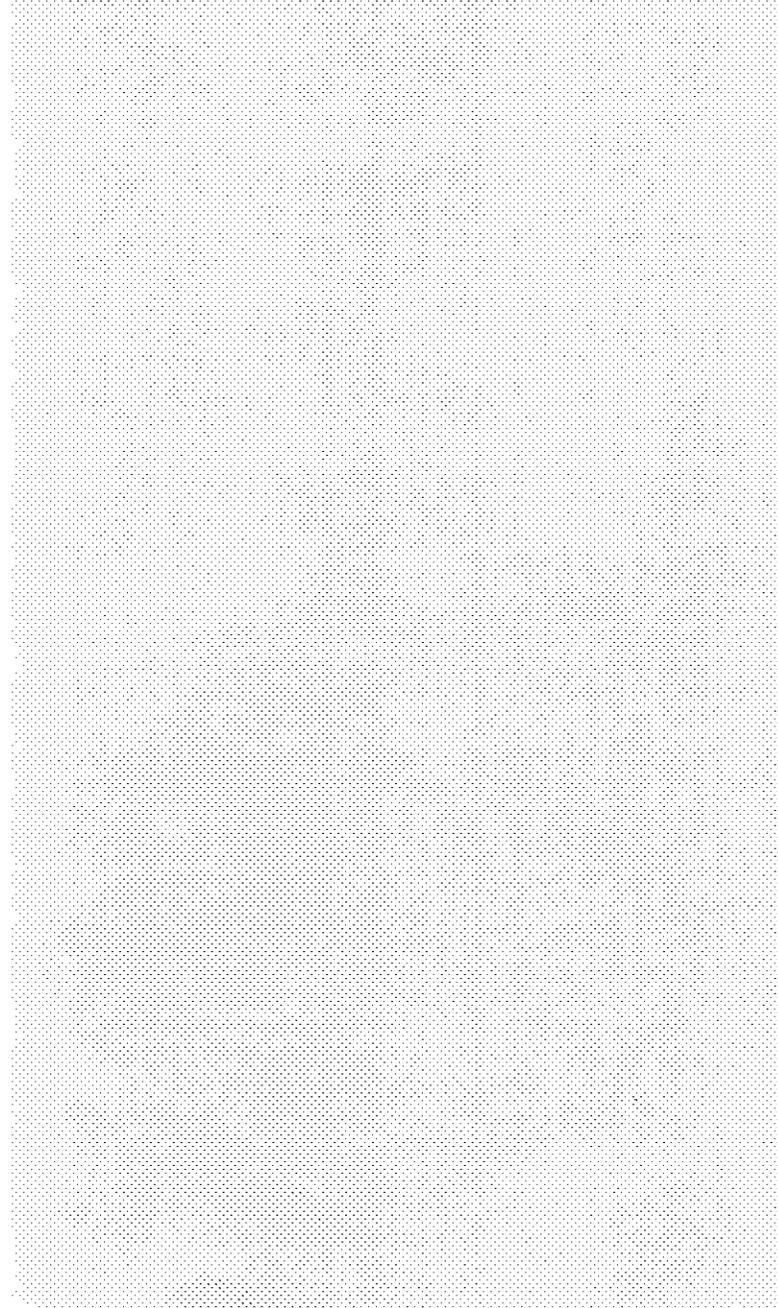


# Final Submittal

**OCONEE JUNE 2005 EXAM  
50-269, 270, & 287/2005-301**

**JUNE 20 - 24, 2005  
JUNE 30, 2005 (WRITTEN)**

1. As Given Simulator Scenario Operator Actions ES-D-2



Facility: **Oconee**Scenario No.: **1 fnl r1**Op-Test No.: **1**Examiners: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_Operators: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## Initial Conditions:

- 100% Reactor Power (Snap 203)

## Turnover:

- SASS in MANUAL for I&E troubleshooting
- AMSAC/DSS bypassed
- After turnover, the crew should place 1A Main FDW Pump on Handjack

Event No.	Malf. No.	Event Type*	Event Description
0a	Pre-Insert		SASS in manual
0b	Pre-Insert		AMSAC/DSS bypassed
1		N, BOP, SRO	Place 1A Main FDW Pump on Handjack
2	MPI150	I, BOP, SRO	PZR "A" RTD Fails LOW (TS)
3	MPS450 (33-72%)	C, BOP, SRO	1B1 RCP High Vibration (ramp over 15 minutes)
4	MCS004	I, OATC, SRO	Controlling Tave fails HIGH
5	MPS020, 2	C, ALL	1B SG tube leak 8 gpm (TS)
6		R, OATC, SRO	Manual unit shutdown due to SG tube leak
7	MSS010 MSS020 Override	C, OATC, SRO	Both Main FDW pumps trip ATWS
7a	Override		1FDW-316 fails closed
8	MPS020, 50	M, ALL	1B SG tube leak increases to 200 gpm
9	MSS285		1B TBVs Fail OPEN

\* (N)ormal, (R)eactivity, (I)nstrument, (C)omponent, (M)ajor

Op-Test No.: _____	Scenario No.: 1	Event No.: 1	Page 1 of 1
Event Description: <b>Place 1A Main FDW Pump on Handjack: (N, BOP, SRO)</b>			
Time	Position	Applicant's Actions or Behavior	
	BOP	<p><b>Crew response:</b></p> <p>Use Enclosure 4.10 (Placing 1A FDWPT On Handjack) of OP/1106/002 B</p> <ul style="list-style-type: none"> <li>• Ensure 1A MAIN FDW PUMP (ICS) in "HAND".</li> <li>• Run 1A FDWPT Motor Speed Changer down to control 1A FDWPT.</li> <li>• Turn FPT 1A HANDJACK switch to "ON".</li> <li>• 1A FDWPT speed now controlled with 1A FDWPT Motor Speed Changer.</li> <li>• Record on Turnover Sheet control of 1A FDWPT on Motor Speed Changer.</li> <li>• Place "T/O SHEET" CR tag on 1A MAIN FDW PUMP (ICS) station.</li> </ul>	
		<b>When 1A Main FDW Pump has been placed on Handjack this event is completed.</b>	

Event Description: **PZR "A" RTD Fails LOW: (I, BOP, SRO) (TS)**

Time	Position	Applicant's Actions or Behavior
		<p><b>Plant response:</b></p> <p>Statalarms:</p> <ul style="list-style-type: none"> <li>• 1SA-2/C-3, RC Pressurizer Level Hi/Low</li> <li>• OAC, RC PZR level 1&amp;3 mismatch</li> <li>• OAC, RC PZR level 2&amp;3 mismatch</li> </ul> <p>Board indications:</p> <ul style="list-style-type: none"> <li>• PZR level 1 and 2 indicates ≈ 133 inches</li> <li>• PZR level 3 indicates ≈ 220 inches and slowly increasing</li> </ul> <p><b>Crew response:</b></p> <p>Refer to the ARG:</p> <ul style="list-style-type: none"> <li>• Check alternate PZR level indications.</li> <li>• Check for proper Makeup/Letdown flows and adjust to restore proper level. <ul style="list-style-type: none"> <li>○ RO may take 1HP-120 to manual to control PZR level.</li> </ul> </li> <li>• Refer to Technical Specification 3.4.9, Pressurizer.</li> <li>• Refer to Technical Specification 3.3.8, PAM Instrumentation. <ul style="list-style-type: none"> <li>○ Condition H applies</li> </ul> </li> <li>• Refer to PT/1/A/0600/001 (Periodic Instrument Surveillance). <ul style="list-style-type: none"> <li>○ Select PZR level 3 for level control.</li> </ul> </li> <li>• Call SPOC to repair PZR "A" RTD</li> </ul>
		<p><b>This event is complete when PZR level 3 has been selected and 1HP-120 returned to AUTO or when directed by the lead examiner.</b></p>

Event Description: **1B1 RCP High Vibration (ramp over 15 minutes): (C, BOP, SRO)**

Time	Position	Applicant's Actions or Behavior
	<p style="text-align: center;">BOP</p> <p style="text-align: center;">SRO/BOP</p>	<p><b>Plant response:</b> Statalarm 1SA-9/D-2 (RC PUMP VIBRATION HIGH) will alarm.</p> <p><b>Crew response:</b></p> <ol style="list-style-type: none"> <li>1. The BOP should refer to the ARG</li> <li>2. Verify RCP vibration conditions by using RCP OAC Display Group RCP</li> <li>3. Refer to AP/16, Abnormal Reactor Coolant Pump Operation. <ul style="list-style-type: none"> <li>• Determine RCP immediate trip criteria are not met by referring to Enclosure 5.1 (RCP Immediate Trip Criteria).</li> <li>• Notify the OSM to request an evaluation of the RCP vibration condition by the RCP Component Engineer.</li> <li>• GO TO Section 4B, Abnormal Vibrations</li> <li>• Verify RCP vibration indication is available for monitoring in Control Room.</li> <li>• Monitor RCS flow for indications of degradation.</li> <li>• Monitor RCP parameters for operational abnormalities: <ul style="list-style-type: none"> <li>• Motor bearing temperatures</li> <li>• Seal return temperature</li> <li>• Seal return flow</li> <li>• Computer points O1A0061, O1A0062, O1A0063, O1A0781 (RCP MTR INPUT POWER)</li> <li>• Loose Parts Monitor</li> </ul> </li> </ul> </li> </ol> <p><b>Cue: If asked, indicate that there are no alarms on the Loose Parts Monitor.</b></p> <ul style="list-style-type: none"> <li>• Determine high vibration exists and vibration continues to increase.</li> <li>• Secure the 1B1 RCP as follows: <ul style="list-style-type: none"> <li>• Verify four RCPs operating.</li> <li>• Verify Rx power is <b>NOT</b> ≤ 70% as indicated on all NIs.</li> <li>• Direct an RO to initiate Encl. 5,2 (Rapid Power Reduction)</li> </ul> </li> </ul>

Event Description: **1B1 RCP High Vibration (ramp over 15 minutes): (C, BOP, SRO)**

Time	Position	Applicant's Actions or Behavior
	BOP	<p>4. Encl. 5,2 (Rapid Power Reduction) will direct the BOP to:</p> <ul style="list-style-type: none"> <li>• Verify ICS in AUTO.</li> <li>• Initiate MAXIMUM RUNBACK to <math>\leq 70\%</math> as indicated by all NIs.</li> <li>• <b>WHEN</b> Rx Power <math>\leq 80\%</math>, <b>THEN</b> stop the 1E1 and 1E2 HTR DRN PUMPs.</li> <li>• <b>WHEN</b> Rx Power is <math>\leq 70\%</math> as indicated by all NIs, <b>THEN</b> press MAXIMUM RUNBACK to stop runback.</li> <li>• Notify CR SRO that Rx Power is <math>\leq 70\%</math>.</li> <li>• Adjust CTPD SET to match CTP DEMAND.</li> </ul>
	SRO	<p>5. Direct the BOP to stop the 1B1 RCP.</p> <p>6. Verify ICS re-ratios feedwater to establish <math>\approx 0^\circ \Delta T_c</math>.</p> <p>7. Initiate Encl 4.3 (Special Instructions for &lt; 4 RCP Operation) of OP/1/A/1102/004 (Operation at Power).</p>
		<p><b>When the 1B1 RCP has been secured or when directed by the lead examiner this event is completed.</b></p>



Event Description: **1B SG tube leak 8 gpm: (C, ALL) (TS)**

Time	Position	Applicant's Actions or Behavior
	<p style="text-align: center;">ALL</p> <p style="text-align: center;">SRO</p>	<p><b>Plant response:</b></p> <p>Statalarms:</p> <ul style="list-style-type: none"> <li>• 1SA-8/A-9, RM AREA MONITOR RADIATION HIGH</li> <li>• 1SA-8/B-9, RM PROCESS MONITOR RADIATION HIGH</li> <li>• 1SA-8/D-10, RM CSAE EXHAUST RADIATION HIGH</li> <li>• 1SA-8/E10, N16 RM PRI TO SEC TUBE LEAK</li> </ul> <p>Control board indications:</p> <ol style="list-style-type: none"> <li>1. PZR level will decrease.</li> <li>2. RIA CRT – 1RIA-60 ≈ 3.5 gpm increasing</li> </ol> <p><b>Crew response:</b></p> <ol style="list-style-type: none"> <li>1. Diagnose and take actions for a tube leak in the 1B SG:</li> <li>2. Refer to the ARG for the following above alarms:</li> <li>3. Refer to AP/31 (Primary to Secondary Leakage) <ul style="list-style-type: none"> <li>• Monitor primary parameters; PZR Level and LDST level or RIAs to determine that gross leakage exist and transfer to step 4.80.</li> <li>• Greater than 25 gpm will require entering the EOP.</li> <li>• Make notifications of primary to secondary leakage per OMP 1-14 (Notifications).</li> <li>• Log RIA readings (a rough log is adequate)</li> <li>• Initiate a Unit shutdown to met requirements of Encl. 5.1 (Unit Shutdown Requirements). (Per Enclosure 5.1 reduce power &lt; 50% in 1 hour and TS 3.4.13 applies). <ul style="list-style-type: none"> <li>➤ Initiate a unit shutdown using OP/1/A/1102/004 (Operation At Power)</li> </ul> </li> </ul> </li> </ol>
		<p><b>Event is complete when a unit shutdown is directed by the SRO or when directed by the Lead Examiner.</b></p>

Event Description: **Manual unit shutdown due to SG tube leak: (R, OATC, SRO)**

Time	Position	Applicant's Actions or Behavior
	<p data-bbox="358 369 428 401">SRO</p> <p data-bbox="350 537 436 569">OATC</p>	<p data-bbox="492 327 716 359"><b>Crew response:</b></p> <ol data-bbox="492 380 1455 810" style="list-style-type: none"> <li data-bbox="492 380 1455 443">1. Direct unit shutdown per OP/1/A/1102/004 (Operation At Power) Encl. 4.2, Power Reduction.</li> <li data-bbox="492 516 1455 810">2. OP/1/A/1102/004 (Operation At Power) Encl. 4.2, Power Reduction <ul data-bbox="540 558 1406 810" style="list-style-type: none"> <li data-bbox="540 558 992 590">• Review Limits and Precautions</li> <li data-bbox="540 611 1094 642">• Notify OSM to contact NRC if required.</li> <li data-bbox="540 663 1406 726">• Refer to OP/1106/001 (Turbine Generator) to ensure operating limits are NOT exceeded during shutdown.</li> <li data-bbox="540 747 1378 810">• <b>IF</b> reducing CTP &gt; 6%, notify Secondary Chemistry of power reduction.</li> </ul> </li> </ol> <p data-bbox="492 831 1455 894"><b>NOTE:</b> Absence of a Maneuvering Plan should <b>NOT</b> delay an unplanned CTP reduction.</p> <ul data-bbox="540 926 1455 1398" style="list-style-type: none"> <li data-bbox="540 926 1378 989">• <b>IF</b> available, refer to Maneuvering Plan to view guidelines for power decrease.</li> <li data-bbox="540 1010 1438 1073">• 2.4.1 <b>IF</b> CTP will be changed <math>\geq 15\%</math> within a 1 hour period, notify Primary Chemistry to perform TS SR 3.4.11.2 as required.</li> <li data-bbox="540 1094 1346 1125">• Notify System Operations Center (SOC) or lead reduction.</li> <li data-bbox="540 1146 1276 1178">• <b>IF</b> required, advise plant personnel of load reduction.</li> <li data-bbox="540 1199 1438 1262">• Notify WCC SRO to review Hot List for items to be worked during power reduction or Unit shutdown.</li> <li data-bbox="540 1283 1292 1314">• Start the 1A and 1B FDWP SEAL INJECTION PUMPs</li> <li data-bbox="540 1335 1455 1398">• Reduce reactor power in manual by inserting control rods with the Diamond, controlling FDW flow with the FDW Masters.</li> </ul>
		<p data-bbox="492 1776 1455 1839"><b>Event is complete when reactor power has been reduced 5% or when directed by the Lead Examiner.</b></p>

Event Description: **Both Main FDW pumps trip  
ATWS: (C, OATC)**

Time	Position	Applicant's Actions or Behavior
	OATC	<p>Recognize that the Reactor should have tripped and begin performing immediate Manual Actions.</p> <ul style="list-style-type: none"> <li>• Depress REACTOR TRIP pushbutton</li> <li>• Verify reactor power &lt; 5% FP and decreasing</li> </ul> <p>The OATC should recognize that Power Range NIs are not &lt; 5% FP and perform Rule 1. (CT-24)</p> <ul style="list-style-type: none"> <li>• Verify that at least one Power Range NI is ≥5% FP.</li> <li>• Initiate manual control rod insertion to the IN LIMIT.</li> <li>• Open 1HP-24 &amp; 1HP-25 (1A and 1B BWST Suction)</li> <li>• Ensure 1A or 1B HPIP is operating.</li> <li>• Start 1C HPIP.</li> <li>• Open 1HP-26 &amp; 1HP-27 (1A and 1B HP Injection)</li> <li>• Dispatch operators to the Cable Room and to the 600V Load Centers 1X9 and 2X1 to de-energize the CRD System.</li> <li>• Notify the SRO to <b>GO TO UNPP</b> tab.</li> </ul>
	BOP	<p>The BOP:</p> <ul style="list-style-type: none"> <li>• Performs a Symptoms Check and then may perform Rule 3 based on loss of Main FDW.</li> <li>• Takes manual control and throttles 1FDW-315 and 1FDW-316 to reduce EFDW header flow &lt; 1000 gpm/header per Rule 7.</li> </ul>
	SRO	<p>Transfer to the UNPP tab from IMAs and direct the following actions:</p> <ul style="list-style-type: none"> <li>• Announce plant conditions</li> <li>• Ensure Rule 1 is in progress or complete.</li> <li>• Verify Main FDW available.</li> <li>• <b>IAAT</b> <u>all</u> power range NIs are &lt;5% FP, <b>THEN</b> trip the turbine-generator.</li> <li>• Verify <u>any</u> wide range NIs ≥1% FP.</li> <li>• Open 1RC-4 and 1HP-5</li> <li>• Maximize letdown.</li> </ul>

Event Description: **Both Main FDW pumps trip  
ATWS: (C, OATC)**

Time	Position	Applicant's Actions or Behavior
	SRO	<ul style="list-style-type: none"> <li>• Verify overcooling <b>NOT</b> in progress.</li> <li>• Secure makeup to the LDST.</li> </ul> <p><b>Note: The CRD breakers will be opened in four minutes.</b></p> <ul style="list-style-type: none"> <li>• <b>WHEN</b> <u>all</u> NIs are &lt;1% FP, <b>AND</b> decreasing, <b>THEN</b> continue in this tab.</li> <li>• Adjust SG pressure as necessary to stabilize RCS temperature using TBVs.</li> <li>• Throttle HPI per Rule 6 (HPI).</li> <li>• Adjust letdown flow as desired.</li> <li>• Verify RCP seal injection available.</li> <li>• <b>GO TO</b> Subsequent Actions tab.</li> </ul>
		<p><b>This event is complete when the SRO transfers to Subsequent Actions tab or when directed by the lead examiner.</b></p>

Event Description: **1FDW-316 fails CLOSED**

Time	Position	Applicant's Actions or Behavior
		<p><b>Note: After transfer is made to Subsequent Action, 1FDW-316 will fail closed.</b></p> <p>RO should diagnose the failure of 1FDW-316 and re-perform Rule 3. Rule 3 will direct the RO to Enclosure 5.27 which will align flow through the startup control valve.</p> <p>Enclosure 5.27:</p> <ol style="list-style-type: none"> <li>1. Verify EFDW is being supplied by an alternate unit. <b>GO TO</b> Step 7.</li> <li>2. Stop MD EFDWP in all headers with malfunctioning EFDW control valve.</li> <li>3. Place 1 TD EFDW PUMP in PULL TO LOCK.</li> <li>4. Place 1FDW-44 controllers in HAND and set demand to 0%.</li> <li>5. Place control switch for 1FDW-421 and FDW-382 in CLOSE.</li> <li>6. Place control switch for 1FDW-384 in OPEN.</li> <li>7. Place control switch for 1FDW-45 in CLOSE.</li> <li>8. Place control switch for 1FDW-47 in OPEN.</li> <li>9. Verify 1FDW-315 failed. <b>GO TO</b> Step 22.</li> <li>10. Verify 1FDW-316 failed.</li> <li>11. Verify 1FDW-47 open, 1FDW-45 closed, 1FDW-44 closed, and 1FDW-42 closed.</li> <li>12. Verify 1FDW-382 closed.</li> <li>13. Verify both of the following: <ul style="list-style-type: none"> <li>• 1FDW-384 open</li> <li>• 1B MD EFDWP available</li> </ul> </li> <li>14. <b>GO TO</b> Step 30.</li> <li>15. Verify AFIS actuation has occurred (either statalarm on): <ul style="list-style-type: none"> <li>• AFIS HEADER A INITIATED (1SA-2/C-8)</li> <li>• AFIS HEADER B INITIATED (1SA-2/D-8)</li> </ul> </li> <li>16. <b>GO TO</b> Step 34.</li> <li>17. Place control switch for 1FDW-401 and FDW-42 in CLOSE.</li> <li>18. Place the following in HAND with demand at zero: <ul style="list-style-type: none"> <li>• ___ 1FDW-35</li> <li>• ___ 1FDW-44</li> </ul> </li> <li>19. Select OFF for both Digital Channels 1 &amp; 2 of AFIS on headers to be fed.</li> </ol>

Event Description: **1FDW-316 fails CLOSED**

Time	Position	Applicant's Actions or Behavior
		<p>20. Verify an operator has been sent to locally position any FDW valves:</p> <ul style="list-style-type: none"> <li>• 1FDW-94 or 1FDW-96</li> <li>• 1FDW-315 or 1FDW-316</li> </ul> <p>21. <b>GO TO</b> Step 36.</p> <p>22. Verify 1FDW-315 failed open. (not failed)</p> <p>23. <b>IF</b> 1FDW-315 has <b>NOT</b> failed, <b>THEN GO TO</b> Step 41.</p> <p>24. Verify 1FDW-316 failed open. (not failed open)</p> <p>25. <b>IF</b> 1FDW-316 has <b>NOT</b> failed, <b>THEN GO TO</b> Step 46.</p> <p>26. <b>IF</b> lineup to feed through 1B S/U Control Valve was successful, <b>THEN GO TO</b> Step 42. (lineup was successful)</p> <p>27. Verify an operator has been sent to locally open 1FDW-96. (no)</p> <p>28. <b>GO TO</b> Step 45.</p> <p>29. Start 1B MD EFDWP.</p> <p>30. Verify HPI forced cooling in progress. (no)</p> <p>31. <b>GO TO</b> Step 48.</p> <p>32. Verify LOHT tab is in progress. (no)</p> <p>33. <b>GO TO</b> Step 51.</p> <p>34. Verify 1FDW-315 failed. (no)</p> <p>35. <b>GO TO</b> Step 57.</p> <p>36. Verify 1FDW-316 failed. (yes)</p> <p>37. Verify one of the following:</p> <ul style="list-style-type: none"> <li>• Lineup to feed through 1B S/U Control Valve was successful (yes)</li> <li>• Operator sent to locally throttle 1FDW-316 (no)</li> </ul> <p>38. Verify an operator has been sent to locally control 1FDW-316. (no)</p> <p>39. <b>GO TO</b> Step 62.</p> <p>40. Throttle 1FDW-44 to obtain desired flow rate and/or SG level per Rule 7 (SG Feed Control).</p> <p>41. <b>IAAT</b> auto control of a S/U control valve is desired, <b>THEN</b> place desired valve in AUTO</p>
		<p><b>This event is complete when the SRO transfers to Subsequent Actions tab or when directed by the lead examiner.</b></p>

Event Description: **1B SG Tube Leak increases to 200 gpm: (M, ALL)**

Time	Position	Applicant's Actions or Behavior
	SRO	<p><b>Plant response:</b></p> <ol style="list-style-type: none"> <li>1. Control board indications: <ul style="list-style-type: none"> <li>• PZR level will decrease due to the leak.</li> </ul> </li> </ol> <p><b>Crew response:</b></p> <ol style="list-style-type: none"> <li>1. The SRO should transfer to the SGTR tab of the EOP based on a Parallel Action page.</li> <li>2. SGTR tab will: <ul style="list-style-type: none"> <li>• Verify Rx tripped.</li> <li>• Maintain Pzr level 140" - 180" by initiating Encl 5.5 (Pzr and LDST Level Control).</li> <li>• Start the A/B and 3A/3B Outside Air Booster Fans. (CT-27)</li> <li>• Monitor RIAs 16 and 17 to SGs with a tube rupture.</li> <li>• Dispatch an operator to open the A and B TURB BLDG SUMP PUMP BKR's.</li> <li>• Notify RP to survey both MS lines for radiation.</li> <li>• Secure any unnecessary offsite release paths. (Main Vacuum Pumps, TDEFDWP, Emergency Steam Air Ejector, etc.).</li> <li>• Open 1HP-24 and 1HP-25</li> </ul> </li> </ol> <p style="text-align: center;"><b>NOTE</b></p> <p>If normal pzr spray is available, efforts should be made to minimize core SCM <math>\leq 15^{\circ}\text{F}</math>. Otherwise, minimize core SCM as low as safely achievable.</p> <ul style="list-style-type: none"> <li>• Minimize core SCM using the following methods: (CT-07) <ul style="list-style-type: none"> <li>➤ De-energize all Pzr heaters</li> <li>➤ Use Pzr spray</li> <li>➤ Maintain Pzr level 140" - 180</li> </ul> </li> </ul>

Event Description: **1B SG Tube Leak increases to 200 gpm: (M, ALL)**

Time	Position	Applicant's Actions or Behavior
		<ul style="list-style-type: none"> <li>• Maintain RCP NPSH by using the OAC and/or Encl 5.18 (P/T Curve).</li> <li>• Verify 1MS-24 or 1MS-33 open.</li> <li>• Open 1AS-40 while closing 1MS-47.</li> <li>• Close 1MS-76, 1MS-84, and 1MS-36</li> <li>• Close 1SSH-1, 1SSH-3, and 1SSH-9.</li> <li>• Select OFF for both digital channels on AFIS HEADER A and B.</li> <li>• Initiate a cooldown as follows:</li> <li>• Decrease SG pressure to 835 - 845 psig using any of the following: <ul style="list-style-type: none"> <li>○ TBV setpoint adjustment</li> <li>○ TBVs in manual</li> <li>○ ADVs</li> </ul> </li> <li>• Maximize cooldown rate limited only by the ability to maintain Pzr level &gt; 100".</li> <li>• <b>WHEN</b> SG pressure is 835 - 845 psig, <b>THEN</b> adjust SG pressure as necessary to maintain an RCS temperature band of 525°F - 532°F.</li> </ul>
		<p><b>This event is complete when a cooldown has been initiated or when directed by the lead examiner.</b></p>

Event Description: **1B TBVs Fail open: (M, ALL)**

Time	Position	Applicant's Actions or Behavior
	ALL	<p><b>Plant response:</b></p> <ul style="list-style-type: none"> <li>• 1B main steam line pressure will decrease.</li> </ul> <p><b>Crew response:</b></p> <ol style="list-style-type: none"> <li>1. Crew should determine that an Excessive Heat Transfer event is in progress.</li> <li>2. An RO should perform Rule 5 (Main Steam Line Break). <b>(CT-17)</b></li> <li>3. The SRO should transfer to EHT tab of the EOP based on the Parallel Actions page.</li> <li>4. EHT tab will: <ul style="list-style-type: none"> <li>• If any SG pressure &lt; 550 psig, Ensure Rule 5 (Main Steam Line Break) in progress or complete.</li> <li>• Place 1FDW-41 and 1FDW-44 in HAND and decrease demand to zero.</li> <li>• Close 1FDW-382, 1MS-26, 1MS-76, 1MS-36, 1MS-84, and 1FDW-369.</li> <li>• <b>IAAT</b> core SCM is &gt; 0°F, <b>THEN</b> Throttle HPI to stabilize RCS pressure and maintain Pzr level &gt; 100".</li> <li>• Verify letdown in service.</li> <li>• Feed and steam all intact SGs to stabilize RCS P/T using either of the following: <b>(CT-11)</b> <ul style="list-style-type: none"> <li>○ TBVs</li> <li>○ Dispatch two operators to perform Encl 5.24 (Operation of the ADVs).</li> </ul> </li> </ul> </li> </ol>
		<p><b>This event and the scenario is complete when the "B" SG has been isolated and the plant stabilized or when directed by the Lead Examiner.</b></p>

## **CRITICAL TASKS**

1. CT-24, Shutdown Reactor - ATWS
2. CT-07, Minimize SCM
3. CT-17, Isolate Overcooling SG
4. CT-11, Control SG pressure to Maintain RC Temperature Constant.
5. CT-27, Implementation of Control Room Habitability Guidance