

	JOB PERFORMANCE MEASURE (JPM)
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SITE: MONTICELLO NUCLEAR GENERATING PLANT

JPM TITLE: OVERTIME RESTRICTIONS/FATIGUE MANAGEMENT

JPM NUMBER: Admin JPM a (RO/SRO) **REV.** 0

RELATED PRA INFORMATION: None

TASK NUMBERS / TASK TITLE(S): CR299.144
Adhere to the Requirements of Overtime Restrictions and Fitness for Duty Requirements

K/A NUMBERS: Generic 2.1.5 **Rating: SRO/RO:** 2.9/3.9

APPLICABLE METHOD OF TESTING:

Discussion: Simulate/walkthrough: Perform:

EVALUATION LOCATION: In-Plant: Control Room:
 Simulator: Other:
 Lab:

Time for Completion: 15 Minutes Time Critical: No

Alternate Path: No

TASK APPLICABILITY: SRO: RO: NLO

Additional site-specific signatures may be added as desired.

Developed by:		
	Developer	Date
Validated by:		
	Validator (See JPM Validation Checklist, Attachment 1)	Date
Approved by:		
	Training Supervisor	Date

JPM-FP-S-FMP-01-001 (Overtime Restrictions/Fatigue Management) Rev.

JPM BRIEFING/TURNOVER

You may use any approved reference materials normally available including logs. Make all written reports, oral reports, and log entries as if the evolution is actually being performed.

EOP Immediate Actions are required to be performed from memory. After completing immediate action steps without using the procedure, you may then use any approved reference materials.

If this JPM is performed on the simulator, the JPM administrator should only give cues that are not indicated on the simulator. If simulator indication is sufficient to indicate the completion of a step, the JPM administrator should not have to give a cue to the trainee to continue the evolution.

I will explain the initial conditions, which step(s) to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this job performance measure will be satisfied.

DURING THE JPM, ENSURE PROPER SAFETY PRECAUTIONS, FME, AND/OR RADIOLOGICAL CONCERNS AS APPLICABLE ARE FOLLOWED.

SIMULATOR SETUP:

- None

INITIAL CONDITIONS:

- You are a licensed operator
- The plant is at rated conditions
- No outages or power reductions are scheduled

INITIATING CUES:

Review your proposed work schedule for the upcoming six weeks. Compare the proposed six week schedule with the normal six week schedule. Identify any proposed overtime, that if worked, will violate the requirements of FP-S-FMP-01 (10 CFR 26 Fatigue Management Fleet Procedure). (Assume NO waivers will be granted, NO overtime was worked in the previous six weeks and NO overtime is scheduled for the following six weeks.)

Retention: Life of Plant

Retain in: Training Record

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

JPM PERFORMANCE INFORMATION

- Required Materials:**
- Prepared NON-OUTAGE six week rotating schedules (included in examinee turnover)
- General References:**
- OWI-01.01, FP-S-FMP-01
- Task Standards:**
- Adhere to the Requirements of Overtime Restrictions and Fitness for Duty Requirements

Start Time: _____

NOTE: When providing “Evaluator Cues” to the examinee, care must be exercised to avoid prompting the examinee. Typically cues are only provided when the examinee’s actions warrant receiving the information (i.e., the examinee looks or asks for the indication).

IMPORTANT: Critical steps are marked with a “Y” below the performance step number. Failure to meet the standard for any critical step SHALL result in failure of this JPM, per FP-T-SAT-73, Licensed Operator Qualification Program Examinations.

Performance Step: 1	Attains copy of six week rotating schedule and FP-S-FMP-01 (10 CFR 26 Fatigue Management Fleet Procedure).
Critical: N	
Standard:	Locates procedure(s)
Evaluator Cue:	Provide the examinee the copy of the fleet procedure. The six week schedules are included on the examinee turnover sheet.
Evaluator Note:	The six week schedule is posted in the control room and the fleet procedure would be accessed via the company web in sharepoint. The examinee may also refer to OWI-01.01 for general shift schedule information (section 4.5)
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

JPM-FP-S-FMP-01-001 (Overtime Restrictions/Fatigue Management) Rev.

<p>Performance Step: 2 Critical: N</p>	<p>FP-S-FMP-01 Section 5.1 (10 CFR 26 Work Hour Limits For Covered Individuals)</p> <p>Section 5.1.1 The following limits apply to covered individuals regardless of unit status:</p> <ul style="list-style-type: none"> ➤ No more than 16 work hours in any 24-hour period. ➤ No more than 26 work hours in any 48-hour period. ➤ No more than 72 work hours in any 7-day period. ➤ At least a 10-hour break between successive work periods, or an 8-hour break when a break of less than 10 hours is necessary to accommodate a crew’s schedule transition between work schedules. ➤ A 34-hour break in any 9 day period (this limit may be incorporated into the following table of limits) <p>Section 5.1.2: During online operations, and without issuance of a waiver, an individual’s required average minimum days off SHALL adhere to the requirements listed in Table 1 below (averaged over the shift cycle):</p> <p>Operations 12-Hour Shift: 2.5 days off/week required</p> <ol style="list-style-type: none"> 1. For the purposes of calculating an average number of days off, the duration of the shift cycle may not exceed six (6) weeks. 2. A normal operations day for a shift is a day when the unit is not in an outage when the shift starts.
<p>Standard:</p>	<p>Locates and reviews sections 5.1.1 and 5.1.2</p>
<p>Performance:</p>	<p>SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/></p>
<p>Comments:</p>	

<p>Performance Step: 3 Critical: N</p>	<p>Reviews Week 1 of proposed schedule</p>
<p>Standard:</p>	<p>Reviews schedule and determines that no overtime days are scheduled.</p>
<p>Performance:</p>	<p>SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/></p>
<p>Comments:</p>	

<p>Performance Step: 4 Critical: N</p>	<p>Reviews Week 2 of proposed schedule.</p>
<p>Standard:</p>	<p>Reviews schedule and recognizes one overtime day scheduled (Wednesday -Day Shift).</p>
<p>Performance:</p>	<p>SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/></p>
<p>Comments:</p>	

JPM-FP-S-FMP-01-001 (Overtime Restrictions/Fatigue Management) Rev.

Performance Step: 5	Reviews Week 3 of proposed schedule.
Critical: Y	
Standard:	<ul style="list-style-type: none"> ➤ Reviews schedule and recognizes one overtime day scheduled (Tuesday - Day Shift). <u>Non-Critical Portion Of Standard</u> ➤ Recognizes that 72 work hours will be exceeded in a 7-day period. <u>Non-Critical Portion Of Standard</u> ➤ Recognizes working this overtime day in conjunction with the overtime day in week 2 will violate 10CFR26 Overtime restrictions.
Evaluator Cue:	If notified of exceeding limit, acknowledge as supervision.
Evaluator Note:	This would result in 80 hours worked in a 7 day period.
	<u>NOTE:</u> The examinee may wait until the end of the JPM to report the exceeded limit.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Performance Step: 6	Reviews Week 4 of proposed schedule.
Critical: N	
Standard:	Reviews schedule and determines that no overtime days are scheduled.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Performance Step: 7	Reviews Week 5 of proposed schedule.
Critical: N	
Standard:	Reviews schedule and determines that no overtime days are scheduled.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

JPM-FP-S-FMP-01-001 (Overtime Restrictions/Fatigue Management) Rev.

Performance Step: 8 Reviews Week 6 of proposed schedule.

Critical: Y

Standard:

- Reviews schedule and recognizes one overtime day scheduled (Saturday – Night Shift). **Non-Critical Portion Of Standard**
- Recognizes that 16 work hours will be exceeded in a 24-hour period. **Non-Critical Portion Of Standard**
- Recognizes that 26 work hours will be exceeded in a 48-hour period. **Non-Critical Portion Of Standard**
- Recognizes that an 8-hour break is necessary to accommodate schedule transition between work schedules. **Non-Critical Portion Of Standard**
- Recognizes working this overtime day will violate 10CFR26 Overtime restrictions.

Evaluator Cue: **If notified of exceeding limit, acknowledge as supervision.**

Evaluator Note:

- The operator would work 8 training hours from 0700 to 1500 on the week 6 Friday and then start at 1900 on Friday for the Saturday Night shift. This will be 20 hours worked from 0700 on Friday until 0700 on Saturday morning.
- The operator would work 8 training hours from 0700 to 1500 on the week 6 Thursday and Friday and then an additional 12 hours from 1900 on Friday until 0700 on Saturday. This will be 28 hours worked from 0700 on Thursday until 0700 on Saturday morning.
- The operator would only have a 4 hour transition period between completed their training day on Friday and starting the Saturday Night Shift on Friday night at 1900.

NOTE: The examinee may wait until the end of the JPM to report the exceeded limit.

Performance: **SATISFACTORY** **UNSATISFACTORY**

Comments:

Performance Step: 11	INFORM EVALUATOR THAT THE TASK HAS BEEN COMPLETED.
Critical: N	
Standard:	Operator informs evaluator that the task is completed.
Evaluator Cue:	Acknowledge Report
Evaluator Note:	<ul style="list-style-type: none"> ➤ The “34-hour break in any 9 day period” limit is met throughout the proposed 6 week schedule. ➤ The “2.5 days off per week” requirement is met. A total of 16 days off are provided. Averaged over the 6 week period results in 2.67 days off per week.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Terminating Cues: When operator informs the evaluator that the task is complete, state the JPM is complete.

Stop Time: _____

Historical Record:

- New Create for 2010 ILT NRC Exam

TURNOVER SHEET

INITIAL CONDITIONS:

- You are a licensed operator
- The plant is at rated conditions
- No outages or power reductions are scheduled

INITIATING CUES:

Review your proposed work schedule for the upcoming six weeks. Compare the proposed six week schedule with the normal six week schedule. Identify any proposed overtime, that if worked, will violate the requirements of FP-S-FMP-01 (10 CFR 26 Fatigue Management Fleet Procedure). (Assume NO waivers will be granted, NO overtime was worked in the previous six weeks and NO overtime is scheduled for the following six weeks.)

PROPOSED SIX WEEK SCHEDULE

WEEK 1	SUN	MON	TUE	WED	THU	FRI	SAT
	X	D	D	D	X	X	X
WEEK 2	SUN	MON	TUE	WED	THU	FRI	SAT
	X	X	X	D	D	D	D
WEEK 3	SUN	MON	TUE	WED	THU	FRI	SAT
	D	R	D	X	X	N	N
WEEK 4	SUN	MON	TUE	WED	THU	FRI	SAT
	N	N	X	R	R	R	X
WEEK 5	SUN	MON	TUE	WED	THU	FRI	SAT
	X	X	N	N	N	X	X
WEEK 6	SUN	MON	TUE	WED	THU	FRI	SAT
	X	T	T	T	T	T	N

- X = Day Off
- D = 12 Hour Day
- N = 12 Hour Night (Starts at 1900 on previous day)
- R = 8 Hour Relief Shift
- T = 8 Hour Training Day

NORMAL SIX WEEK SCHEDULE

WEEK 1	SUN	MON	TUE	WED	THU	FRI	SAT
	X	D	D	D	X	X	X
WEEK 2	SUN	MON	TUE	WED	THU	FRI	SAT
	X	X	X	X	D	D	D
WEEK 3	SUN	MON	TUE	WED	THU	FRI	SAT
	D	R	X	X	X	N	N
WEEK 4	SUN	MON	TUE	WED	THU	FRI	SAT
	N	N	X	R	R	R	X
WEEK 5	SUN	MON	TUE	WED	THU	FRI	SAT
	X	X	N	N	N	X	X
WEEK 6	SUN	MON	TUE	WED	THU	FRI	SAT
	X	T	T	T	T	T	X

JPM Number: JPM-B.09.02-06

JPM Title: Reactive Capability Vs. Megawatt Load Determination

Examinee: _____

Evaluator: _____

Job Title: _____

Date: _____

Start Time _____

Finish Time _____

PERFORMANCE RESULTS:

SAT:

UNSAT:

COMMENTS/FEEDBACK: (Make written comments for any steps graded unsatisfactory).

EVALUATOR’S SIGNATURE: _____

NOTE: Only this page needs to be retained in examinee’s record if completed satisfactorily. If unsatisfactory performance is demonstrated, the entire JPM should be retained.

JPM BRIEFING/TURNOVER

You may use any approved reference materials normally available including logs. Make all written reports, oral reports, and log entries as if the evolution is actually being performed.

EOP Immediate Actions are required to be performed from memory. After completing immediate action steps without using the procedure, you may then use any approved reference materials.

If this JPM is performed on the simulator, the JPM administrator should only give cues that are not indicated on the simulator. If simulator indication is sufficient to indicate the completion of a step, the JPM administrator should not have to give a cue to the trainee to continue the evolution.

I will explain the initial conditions, which step(s) to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this job performance measure will be satisfied.

DURING THE JPM, ENSURE PROPER SAFETY PRECAUTIONS, FME, AND/OR RADIOLOGICAL CONCERNS AS APPLICABLE ARE FOLLOWED.

INITIAL CONDITIONS:

- The plant is operating at rated conditions.
- A Generator Hydrogen System Leak occurred.
- Actions are being taken IAW B.06.02.02-05.H.2 (Generator Hydrogen System Leakage –Small).

INITIATING CUES (IF APPLICABLE):

- The CRS has directed you to determine if the Main Generator is operating within Figure 2 (Reactive Capability vs. Megawatt Load – Turbine Generator).
- Provide recommendation to CRS, if required.

Retention: Life of Plant

Retain in: Training Record

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

JPM PERFORMANCE INFORMATION

- Required Materials:**
- See JPM Setup Instructions
- General References:**
- B.06.02.02-05.H.2 (Generator Hydrogen System Leakage –Small Leak) Rev 7
 - B.09.02-06 Figure 2 (Reactive Capability vs. Megawatt Load – Turbine Generator)
- Task Standards:**
- Using given plant conditions; be able to determine that the Main Generator is not currently operating within the limits of figure 2.

Start Time: _____

NOTE: When providing “Evaluator Cues” to the examinee, care must be exercised to avoid prompting the examinee. Typically cues are only provided when the examinee’s actions warrant receiving the information (i.e., the examinee looks or asks for the indication).

IMPORTANT: Critical steps are marked with a “Y” below the performance step number. Failure to meet the standard for any critical step **SHALL** result in failure of this JPM, per FP-T-SAT-73, Licensed Operator Requalification Program Examinations.

Performance Step: 1	• Locates B.06.02.02-05.H.2 (Generator Hydrogen System Leakage –Small Leak).
Critical: N	
	<u>And</u>
	• Locates B.09.02-06 Figure 2 (Reactive Capability vs. Megawatt Load – Turbine Generator).
Standard:	• Uses B.09.02-06 Figure 2 from the B Manual or Operator aid affixed to Panel C-07.
Evaluator Cue:	The operator may or may not reference B.06.02.02-05.H.2
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Performance Step: 2	Determines the following Main Generator parameters:
Critical: Y	<ul style="list-style-type: none"> • Generator MW Load • Generator MVAR Load • Hydrogen System Pressure
Standard:	<ul style="list-style-type: none"> • Generator MW Load ≈ 600 MWe • Generator MVAR Load ≈ 45 MVARs Delivered • Hydrogen System Pressure ≈ 30 psig
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Performance Step: 3	Applies Main Generator Parameters to B.09.02-06 Figure 2
Critical: Y	
Standard:	Determines that Main Generator Loading is exceeding the 30 psig Hydrogen Pressure curve.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Performance Step: 4	Reports to CRS that the Main Generator Loading is exceeding the 30 psig Hydrogen Pressure curve.
Critical: Y	
Standard:	Recognizes the Main Generator is <u>NOT</u> operating within Figure 2 (Reactive Capability vs. Megawatt Load – Turbine Generator) Recommends a reactor power reduction to CRS (NON-CRITICAL portion of STANDARD).
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Terminating Cues: JPM is complete when operator reports whether or not the generator is operating within the curve.

Stop Time: _____

Historical Record:

- New for 2009 NRC Exam
- Transferred to new JPM template for 2010 ILT NRC Exam

TURNOVER SHEET

DURING THE JPM, ENSURE PROPER SAFETY PRECAUTIONS, FME, AND/OR RADIOLOGICAL CONCERNS AS APPLICABLE ARE FOLLOWED.

INITIAL CONDITIONS:

- The plant is operating at rated conditions.
- A Generator Hydrogen System Leak occurred.
- Actions are being taken IAW B.06.02.02-05.H.2 (Generator Hydrogen System Leakage –Small).

INITIATING CUES (IF APPLICABLE):

- The CRS has directed you to determine if the Main Generator is operating within Figure 2 (Reactive Capability vs. Megawatt Load – Turbine Generator).
- Provide recommendation to CRS, if required.

	JOB PERFORMANCE MEASURE (JPM)
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SITE: MONTICELLO NUCLEAR GENERATING PLANT

JPM TITLE: TORUS WATER CHECKS

JPM NUMBER: Admin JPM c (RO) **REV.** 8

RELATED PRA INFORMATION: None

TASK NUMBERS / TASK TITLE(S): CR299.349
Perform OPERATIONS DAILY LOG – Parts A, B, D, E, G, H & J

K/A NUMBERS: 2.2.12 **Rating: SRO/RO:** 4.1/3.7

APPLICABLE METHOD OF TESTING:

Discussion: Simulate/walkthrough: Perform:

EVALUATION LOCATION: In-Plant: Control Room:

Simulator: Other:

Lab:

Time for Completion: 10 Minutes Time Critical: No

Alternate Path: No

TASK APPLICABILITY: SRO: RO: NLO

Additional site-specific signatures may be added as desired.

Developed by:		
	Developer	Date
Validated by:		
	Validator (See JPM Validation Checklist, Attachment 1)	Date
Approved by:		
	Training Supervisor	Date

JPM BRIEFING/TURNOVER

You may use any approved reference materials normally available including logs. Make all written reports, oral reports, and log entries as if the evolution is actually being performed.

EOP Immediate Actions are required to be performed from memory. After completing immediate action steps without using the procedure, you may then use any approved reference materials.

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I will explain the initial conditions, which step(s) to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this job performance measure will be satisfied.

DURING THE JPM, ENSURE PROPER SAFETY PRECAUTIONS, FME, AND/OR RADIOLOGICAL CONCERNS AS APPLICABLE ARE FOLLOWED.

INITIAL CONDITIONS:

- The plant is in a Refuel Outage and has just entered Mode 2 for CRDM Testing.
- The Night Shift (1900 – 0700) has just started.

INITIATING CUES (IF APPLICABLE):

- The CRS directs you to perform the TORUS WATER LEVEL AND TEMPERATURE CHECKS (0134, 0438, 0454) portion of Operations Daily Log 0000-A.

Retention: Life of Plant

Retain in: Training Record

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

JPM-B.04.01-002 (Torus Water Checks) Rev. 8

JPM PERFORMANCE INFORMATION

- Required Materials:**
- Marked up copy of Operations Daily Log 0000-A ready to perform STEP 2 (0134, 0438, 0454) TORUS WATER LEVEL AND TEMPERATURE CHECK
 - Complete Test 0000-A as follows:
 - Check “Reason for Performing Test” - OTHER.
 - Write in Comments, “Perform Test 0134, 0438, 0454 ONLY.
 - N/A all steps except 2 and 3.

- General References:**
- 0000-A, 0134, 0438, 0454

- Task Standards:**
- Perform OPERATIONS DAILY LOG – Part A

Start Time: _____

NOTE: When providing “Evaluator Cues” to the examinee, care must be exercised to avoid prompting the examinee. Typically cues are only provided when the examinee’s actions warrant receiving the information (i.e., the examinee looks or asks for the indication).

IMPORTANT: Critical steps are marked with a “Y” below the performance step number. Failure to meet the standard for any critical step **SHALL** result in failure of this JPM, per FP-T-SAT-73, Licensed Operator Requalification Program Examinations.

Performance Step: 1	Procedure STEP 2
Critical: Y	<p><u>If</u> the plant is in MODES 1, 2, or 3, <u>Then</u> obtain and record Suppression Pool water temperatures and complete the matrix for TI-4072A, Div 1 TORUS TEMP, and TI-4072B, Div 2 TORUS TEMP, and perform substeps below.</p>
Standard:	<ul style="list-style-type: none"> ➤ Locates correct temperature indicators TI-4072A & TI-4072B. ➤ Calculates the difference correctly and recognizes the out of spec readings from previous to current shift. ➤ Records reading in the Shift 1 Matrix (TOP) and initials step complete. NON-CRITICAL PORTION OF STANDARD
Evaluator Cue:	If examinee informs the CRS of the out of spec readings, acknowledge the report. State that you will begin an investigation and that they should continue and complete the procedure.
Evaluator Note:	Temperatures recorded on the Matrix from the previous shift are 85°F. This is >.5°F as the current temperature should be approximately 87°F.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

JPM-B.04.01-002 (Torus Water Checks) Rev. 8

Suppression Pool Temperature Matrix Shift 1		(C-03) TI-4072A	(C-03) TI-4072B	= absolute difference between TI-4072A&B for the shift, $\leq 3^{\circ}\text{F}$
New Value Shift 1 1900-2200	min 65°F max 90°F	$\approx 87.0^{\circ}\text{F}$	$\approx 87.0^{\circ}\text{F}$	= $\approx 0.0^{\circ}\text{F}$
Previous (0700-1000) Shift Value		85.0°F	85.0°F	= $\approx 0.0^{\circ}\text{F}$
= Shift 1 minus Previous Shift, $<0.5^{\circ}\text{F}$		= $\approx 2.0^{\circ}\text{F}$	= $\approx 2.0^{\circ}\text{F}$	

Performance Step: 1a		Procedure STEP 2
Critical: N		
	<ul style="list-style-type: none"> a. <u>If</u> Suppression Pool average temperature for either indicator for this shift is $<65^{\circ}\text{F}$, <u>Then</u> notify System Engineer and Shift Supervision to determine actions and notifications. b. <u>If</u> Suppression Pool average temperature for either indicator for this shift is $>90^{\circ}\text{F}$, <u>Then</u> notify System Engineer and Shift Supervision to determine actions and notifications. (LCO 3.6.2.1) c. <u>If</u> the absolute difference between TI-4072A&B is $>3^{\circ}\text{F}$ for this shift, <u>Then</u> notify System Engineer and Shift Supervision to determine actions and notifications. d. <u>If</u> temperature rose $>0.5^{\circ}\text{F}$ between shifts, <u>Then</u> notify Shift Supervision to determine if the rise is expected. e. <u>If</u> both SPOTMOS Channels for TI-4072A & B are inoperable, <u>Then</u> record Suppression Pool water temperature using TR-23-115 (HPCI, RHR, Fuel Pool, Torus, Drywell Temperatures), points 18 and 19. f. <u>If</u> one or both SPOTMOS channels for TI-4072A&B are inoperable, <u>Then</u> inform Shift Supervision and enter applicable ACTIONS of TECH SPEC LCO 3.3.3.1. 	
Standard:	<ul style="list-style-type: none"> a. This step is N/A. b. This step is N/A. c. This step in N/A. d. Notifies CRS of out of spec readings. e. This step is N/A f. This step is N/A 	
Evaluator Cue:	If examinee informs the CRS of the out of spec reading in Step 2.d acknowledge the report. State that you will begin an investigation and that they should continue and complete the procedure.	
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>	
Comments:		

JPM-B.04.01-002 (Torus Water Checks) Rev. 8

Performance Step: 2	Procedure STEP 3
Critical: Y	<p><u>If</u> the plant is in MODES 1, 2, or 3, <u>Then</u> obtain and record Suppression Pool water level and complete matrix for LI-2996, TORUS WATER LEVEL NARROW RANGE, and perform substeps below.</p>
Standard:	<ul style="list-style-type: none"> ➤ Locates correct level indicators LI-2996A & LI-2996. ➤ Calculates the difference correctly and recognizes the out of spec readings from previous to current shift. ➤ Records reading in the Shift 1 Matrix (TOP) and initials step complete. NON-CRITICAL PORTION OF STANDARD.
Evaluator Cue:	If examinee informs the CRS of the out of spec readings, acknowledge the report. State that you will begin an investigation and that they should continue and complete the procedure.
Evaluator Note:	Level readings from the previous shift should both be 0.0"
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Suppression Pool Level Matrix Shift 1	(C-04) LI-2996A Left	(C-04) LI-2996 Right	= absolute difference between LI-2996A and & LI-2996 for the shift, <0.5"
New Value Shift 1 1900-2200	<u>min -3.3"</u> <u>max 2.2"</u>	-1.0"	0.0" = 1.0"
Previous (0700-1000) Shift Value	0.0"	0.0"	= 0.0"
= Shift 1 minus Previous Shift, <0.5°F	= -1.0"	= 0.0"	

JPM-B.04.01-002 (Torus Water Checks) Rev. 8

Performance Step: 2a	Procedure STEP 3
Critical: N	<p>a. <u>If</u> Suppression Pool water level from either indicator for this shift is <-3.3 inches or >2.2 inches, <u>Then</u> notify System Engineer and Shift Supervision to determine actions and notifications.</p> <p>b. <u>If</u> the absolute difference between LI-2996A & LI-2996 for this shift is >0.5 inches, <u>Then</u> notify System Engineer and Shift Supervision to determine actions and notifications.</p> <p>c. <u>If</u> Suppression Pool level changes >0.5 inches between shifts, <u>Then</u> notify Shift Supervision to determine if change (rise Or decrease) is expected.</p> <p>d. <u>If</u> LI-2996A and LI-2996 are declared inoperable, <u>Then</u> record Suppression Pool water level using SPDS Format 057 (LT-2996A and LT-2996), <u>Or</u> VAX computer points PCT112 and PCT113, TORUS WATER LEVEL NARROW.</p>
Standard:	<p>a. This step is N/A</p> <p>b. Notifies CRS of out of spec reading.</p> <p>c. Notifies CRS of out of spec reading.</p> <p>d. Notifies CRS that LI-2996A may be inoperable.</p>
Evaluator Cue:	If examinee informs the CRS of the out of spec readings in Steps 3.b and 3.c, acknowledge the report. State that you will investigate. Acknowledge as CRS the possible inoperability of LI-2996A.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Performance Step: 3	INFORM EVALUATOR THAT THE TASK HAS BEEN COMPLETED.
Critical N	
Standard:	Operator informs evaluator that the task is completed.
Evaluator Cue:	JPM COMPLETE
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Terminating Cues: Operator informs evaluator that the task is completed.

Stop Time: _____

Historical Record:

- Revised for procedure updates and added out of spec readings as a result of OE from MNGP CAP 01233015 for the 2010 ILT NRC Exam.

Retention: Life of Plant

Retain in: Training Record

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

TASK APPLICABILITY: SRO: RO: NLO

Additional site-specific signatures may be added as desired.

Developed by:		
	Developer	Date
Validated by:		
	Validator (See JPM Validation Checklist, Attachment 1)	Date
Approved by:		
	Training Supervisor	Date

JPM BRIEFING/TURNOVER

You may use any approved reference materials normally available including logs. Make all written reports, oral reports, and log entries as if the evolution is actually being performed.

EOP Immediate Actions are required to be performed from memory. After completing immediate action steps without using the procedure, you may then use any approved reference materials.

If this JPM is performed on the simulator, the JPM administrator should only give cues that are not indicated on the simulator. If simulator indication is sufficient to indicate the completion of a step, the JPM administrator should not have to give a cue to the trainee to continue the evolution.

I will explain the initial conditions, which step(s) to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this job performance measure will be satisfied.

DURING THE JPM, ENSURE PROPER SAFETY PRECAUTIONS, FME, AND/OR RADIOLOGICAL CONCERNS AS APPLICABLE ARE FOLLOWED.

INITIAL CONDITIONS:

- Radiation Protection has informed the Control Room that CAM data from the Steam Chase indicates that a possible steam leak exists.
- Procedure 1279-05 (Hot Area Inspections) is being implemented for a full entry of the Steam Chase.
- The CRS has chosen you to perform this inspection.
- The inspection is projected to take 30 minutes.
- Your current annual exposure is 1800 mrem.

INITIATING CUES (IF APPLICABLE):

- Review Procedure 1279-05 (Hot Area Inspections) the associated RWP and survey map.
 - Determine what your expected dose will be for the inspection.
 - Determine what your annual exposure will be after completing the inspection.
 - Determine if any additional permission would be needed to make the inspection.

Retention: Life of Plant

Retain in: Training Record

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

JPM PERFORMANCE INFORMATION

- Required Materials:**
- TE-0236 RWP Number 593 04 for entry into LHRA
 - 935' Survey Map of the Steam Chase
 - Marked up copy of 1279-05 as follows:
 - Initial, time and date on the front cover for approval to commence
 - In comments section state "Perform steps for Steam Chase ONLY."
 - Check other for reason
 - RWP 593 04 for Steam Chase prerequisite 1 and initial PREQ 2 & 3.
 - Sign step 1 as complete.
- General References:**
- 4 AWI-08.04.01
- Task Standards:**
- Calculate Expected Dose to Inspect Equipment

Start Time: _____

NOTE: When providing "Evaluator Cues" to the examinee, care must be exercised to avoid prompting the examinee. Typically cues are only provided when the examinee's actions warrant receiving the information (i.e., the examinee looks or asks for the indication).

IMPORTANT: Critical steps are marked with a "Y" below the performance step number. Failure to meet the standard for any critical step SHALL result in failure of this JPM, per FP-T-SAT-73, Licensed Operator Requalification Program Examinations.

Performance Step: 1	Locates the survey map and RWP for the Steam Chase area.
Critical <u>N</u>	
Standard:	Describes location of survey map and RWP.
Evaluator Cue:	AFTER the operator describes where the survey maps and RWPs are located, provide the operator with a copy of the appropriate survey map and RWP. If the candidate asks for the most recent copy of Steam Chase leak status inform them, "There are no known steam leaks in the Steam Chase."
Evaluator Note:	Survey maps and RWPs are located on the basement level of the administration building in the same area where personnel obtain their Electronic Dosimeters, near the Drywell entrance, by the HP Office or at the RCA Entry. Candidate may state that this task would be accomplished under its own work order that would contain the survey maps and an associated RWP.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Performance Step: 2	Determines general area dose rates in the Steam Chase.
Critical: N	
Standard:	General area dose rates are determined to be 500 - 2000 mrem/hr.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Performance Step: 3	Calculate expected dose for the inspection.
Critical: Y	
Standard:	<ol style="list-style-type: none"> Determines minimum total dose for the inspection is 500 mrem/hr x 0.5 hr = 250 mrem. Determines maximum total dose for the inspection is 2000 mrem/hr x 0.5 hr = 1000 mrem.
Evaluate Cue:	The values listed in the Standard are the range of values that are acceptable. The candidate should calculate a value between the ones given above.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Performance Step: 4	Calculate the total annual exposure after completion of the inspection.
Critical: Y	
Standard:	<ol style="list-style-type: none"> Determines total minimum annual exposure after the inspection to be 1800 mrem + 250 mrem = 2050 mrem. Determines total maximum total dose for the inspection to be 1800 mrem + 1000 mrem = 2800 mrem
Evaluate Cue:	The values listed in the Standard are the range of values that are acceptable. The candidate should calculate a value between the ones given above.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Performance Step: 5	Determines that the total annual exposure after completion of the inspection is greater than the administrative dose limit.
Critical: N	
Standard:	Determines that the total annual exposure after completion of the inspection is greater than the administrative dose limit of 2000 mrem as stated in 4 AWI-08.04.01 page 24 (up to 40% of 10 CFR 20 limit without First Line Supervisor approval).
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Performance Step: 6	Determines that a dose extension is needed and notifies the Control Room Supervisor that their permission will be required to exceed the 2000 mrem limit.
Critical: Y	
Standard:	<ol style="list-style-type: none"> 1. Determines that a dose extension is needed. 2. Contacts the CRS to get permission to exceed 2000 mrem.
Evaluator Cue:	State as the CRS that you will complete the necessary paperwork and the he can perform the needed inspection.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Performance Step: 7	INFORM EVALUATOR THAT THE TASK HAS BEEN COMPLETED
Critical: N	
Standard:	Operator informs evaluator that the task is completed.
Evaluator Cue:	Terminate JPM.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Terminating Cues: Operator informs the evaluator that the task is complete.

Stop Time: _____

Historical Record:

- Procedural updates for 2010 ILT NRC Exam.

Retention: Life of Plant

Retain in: Training Record

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

TURNOVER SHEET

DURING THE JPM, ENSURE PROPER SAFETY PRECAUTIONS, FME, AND/OR RADIOLOGICAL CONCERNS AS APPLICABLE ARE FOLLOWED.

INITIAL CONDITIONS:

- Radiation Protection has informed the Control Room that CAM data from the Steam Chase indicates that a possible steam leak exists.
- Procedure 1279-05 (Hot Area Inspections) is being implemented for a full entry of the Steam Chase.
- The CRS has chosen you to perform this inspection.
- The inspection is projected to take 30 minutes.
- Your current annual exposure is 1800 mrem.

INITIATING CUES (IF APPLICABLE):

- Review Procedure 1279-05 (Hot Area Inspections) the associated RWP and survey map.
- Determine what your expected dose will be for the inspection.
- Determine what your annual exposure will be after completing the inspection.
- Determine if any additional permission would be needed to make the inspection.

	JOB PERFORMANCE MEASURE (JPM)
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SITE: MONTICELLO NUCLEAR GENERATING PLANT

JPM TITLE: REACTOR COOLANT DRYWELL LEAK RATE CHECK TEST 1257-A

JPM NUMBER: Admin JPM c (SRO) **REV.** 0

RELATED PRA INFORMATION: None

TASK NUMBERS / TASK TITLE(S): SS299.352
Apply administrative requirements for Tech Spec Section 3.4 and Bases to Reactor Coolant System.

K/A NUMBERS: 2.2.40 **Rating: SRO/RO:** 4.7/3.4

APPLICABLE METHOD OF TESTING:

Discussion: Simulate/walkthrough: Perform:

EVALUATION LOCATION: In-Plant: Control Room:

Simulator: Other:

QF-1075-01 Rev. 3 (FP-T-SAT-75)

Lab:

Time for Completion: 15 Minutes

Time Critical: No

Alternate Path: N/A

TASK APPLICABILITY: SRO: RO: NLO

Additional site-specific signatures may be added as desired.

Developed by:		
	Developer	Date
Validated by:		
	Validator (See JPM Validation Checklist, Attachment 1)	Date
Approved by:		
	Training Supervisor	Date

JPM BRIEFING/TURNOVER

You may use any approved reference materials normally available including logs. Make all written reports, oral reports, and log entries as if the evolution is actually being performed.

EOP Immediate Actions are required to be performed from memory. After completing immediate action steps without using the procedure, you may then use any approved reference materials.

If this JPM is performed on the simulator, the JPM administrator should only give cues that are not indicated on the simulator. If simulator indication is sufficient to indicate the completion of a step, the JPM administrator should not have to give a cue to the trainee to continue the evolution.

I will explain the initial conditions, which step(s) to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this job performance measure will be satisfied.

DURING THE JPM, ENSURE PROPER SAFETY PRECAUTIONS, FME, AND/OR RADIOLOGICAL CONCERNS AS APPLICABLE ARE FOLLOWED.

INITIAL CONDITIONS:

- The plant is operating in Mode 1 with all equipment operable
- A Duty RO has just completed Operations Daily Log - Part J
- You are a Duty SRO

INITIATING CUES (IF APPLICABLE):

- Review the 1257-A (Reactor Coolant Drywell Leak Rate Check) portion of Operations Daily Log 0000-J.
- Based on the recorded data, determine ALL Technical Specification CONDITIONS and REQUIRED ACTIONS that must be entered.

Retention: Life of Plant

Retain in: Training Record

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

JPM PERFORMANCE INFORMATION

- Required Materials:**
- Marked up copy of the 1257-A portion of 0000-J. The data recorded should result in Step 12.a.4) being high out of spec (>5 gpm unidentified leakage) and Step 12.a.6) being high out of spec (>2 gpm increase in unidentified leakage in 24 hrs).
- General References:**
- 0000-J
 - TS 3.4.4
- Task Standards:**
- Apply administrative requirements for Tech Spec Section 3.4 and Bases to Reactor Coolant System.

Start Time: _____

NOTE: When providing “Evaluator Cues” to the examinee, care must be exercised to avoid prompting the examinee. Typically cues are only provided when the examinee’s actions warrant receiving the information (i.e., the examinee looks or asks for the indication).

IMPORTANT: Critical steps are marked with a “Y” below the performance step number. Failure to meet the standard for any critical step **SHALL** result in failure of this JPM, per FP-T-SAT-73, Licensed Operator Requalification Program Examinations.

Performance Step: 1	Reviews and potentially recalculates data for accuracy.
Critical: N	
Standard:	Determines that data recorded is correct and out of spec. Refers to Tech Spec Section 3.4.4 (RCS Operational LEAKAGE) and determines Mode 1 Applicability.
Evaluator Cue:	Provide copy of marked up 1257-A portion of 0000-J
Evaluator Note:	Ensure a copy of Tech Specs is available.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Performance Step: 2	LCO 3.4.4 a. No pressure boundary LEAKAGE.
Critical: N	
Standard:	Determines LCO 3.4.4 a. is MET.
Evaluator Cue:	Inform examinee that there in no known pressure boundary leakage.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Performance Step: 3 Critical: Y	LCO 3.4.4 b. ≤5 gpm unidentified LEAKAGE
Standard:	Determines LCO 3.4.4 b. is NOT MET which requires entry into TS 3.4.4 Condition A and the performance of Required Action A.1 (Reduce LEAKAGE to within limits in 4 hours.)
Evaluator Note:	Based on the data recorded in 1257-A Step 12.a.4), unidentified leakage is 5.99 gpm.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Performance Step: 4 Critical: N	LCO 3.4.4 c. < 25 gpm total LEAKAGE averaged over the previous 24 hour period.
Standard:	Determines that LCO 3.4.4 c. is MET.
Evaluator Note:	Based on the data recorded in 1257-A Step 14.a.3) total leakage is 14 gpm.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Performance Step: 5 Critical: Y	LCO 3.4.4 d. < 2 gpm increase in unidentified LEAKAGE within the previous 24 hour period in Mode 1.
Standard:	Determines LCO 3.4.4 d. is NOT MET which requires entry into TS 3.4.4 Condition B and the performance of Required Action B.1 (Reduce LEAKAGE to within limits in 4 hours) OR (Verify source of unidentified LEAKAGE increase is not service sensitive type 304 or type 316 austenitic stainless steel)
Evaluator Note:	Based on the data recorded in 1257-A Step 12.a.6), unidentified leakage increase is 5.98 gpm.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Performance Step: **INFORM EVALUATOR THAT THE TASK HAS BEEN COMPLETED.**

Critical: N

Standard: Operator informs evaluator that the task is completed.

Evaluator Cue: **Acknowledge that the task has been completed.**

Performance: **SATISFACTORY** **UNSATISFACTORY**

Comments:

Terminating Cues:

Stop Time: _____

Historical Record:

- New create for 2010 ILT NRC Exam

Retention: Life of Plant

Retain in: Training Record

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

TURNOVER SHEET

INITIAL CONDITIONS:

- The plant is operating in Mode 1 with all equipment operable
- A Duty RO has just completed Operations Daily Log - Part J
- You are a Duty SRO

INITIATING CUES (IF APPLICABLE):

- Review the 1257-A (Reactor Coolant Drywell Leak Rate Check) portion of Operations Daily Log 0000-J.
- Based on the recorded data, determine ALL Technical Specification CONDITIONS and REQUIRED ACTIONS that must be entered.

	JOB PERFORMANCE MEASURE (JPM)
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SITE: MONTICELLO NUCLEAR GENERATING PLANT

JPM TITLE: EAL CLASSIFICATION

JPM NUMBER: Admin JPM e (SRO) **REV.** 2

RELATED PRA INFORMATION: None

TASK NUMBERS / TASK TITLE(S): SM352.060
Direct the station response as the Emergency Director, including Emergency Classifications, Offsite Notifications, and Protective Action Recommendations

K/A NUMBERS: 2.4.41 **Rating: SRO/RO:** 4.6

APPLICABLE METHOD OF TESTING:

Discussion: Simulate/walkthrough: Perform:

EVALUATION LOCATION: In-Plant: Control Room:

Simulator: Other:

Lab:

Time for Completion: 15 Minutes Time Critical: Yes

Alternate Path: No

TASK APPLICABILITY: SRO: RO: NLO

Retention: Life of Plant

Retain in: Training Record

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

Additional site-specific signatures may be added as desired.

Developed by:		
	Developer	Date
Validated by:		
	Validator (See JPM Validation Checklist, Attachment 1)	Date
Approved by:		
	Training Supervisor	Date

JPM BRIEFING/TURNOVER

You may use any approved reference materials normally available including logs. Make all written reports, oral reports, and log entries as if the evolution is actually being performed.

EOP Immediate Actions are required to be performed from memory. After completing immediate action steps without using the procedure, you may then use any approved reference materials.

If this JPM is performed on the simulator, the JPM administrator should only give cues that are not indicated on the simulator. If simulator indication is sufficient to indicate the completion of a step, the JPM administrator should not have to give a cue to the trainee to continue the evolution.

I will explain the initial conditions, which step(s) to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this job performance measure will be satisfied.

DURING THE JPM, ENSURE PROPER SAFETY PRECAUTIONS, FME, AND/OR RADIOLOGICAL CONCERNS AS APPLICABLE ARE FOLLOWED.

INITIAL CONDITIONS:

- An automatic reactor scram occurred and all control rods did NOT insert
- Reactor power during the ATWS was 12%
- All remaining control rods were subsequently inserted via manual initiation of ARI
- You are an On-Shift SRO.

INITIATING CUES (IF APPLICABLE):

- Based on the above plant indications, evaluate and classify the appropriate Emergency Action Level.
- **THIS JPM IS TIME CRITICAL**
- **WHEN THE OPERATOR HAS ACCEPTED THE INITIATING CUES, START THE TIME CLOCK**

JPM-A.2-101-011 (EAL Classification) Rev. 2

JPM PERFORMANCE INFORMATION

- Required Materials:** • A.2-101 (EAL Chart)
- General References:** • A.2-101 (EAL Chart)
- Task Standards:** • Evaluate plant conditions for proper EAL Classification

NOTE: When providing “Evaluator Cues” to the examinee, care must be exercised to avoid prompting the examinee. Typically cues are only provided when the examinee’s actions warrant receiving the information (i.e., the examinee looks or asks for the indication).

IMPORTANT: Critical steps are marked with a “Y” below the performance step number. Failure to meet the standard for any critical step SHALL result in failure of this JPM, per FP-T-SAT-73, Licensed Operator Requalification Program Examinations.

<p>Performance Step: 1 Critical: N</p>	<p>Duty Shift Manager (Interim Emergency Director) Instructions:</p> <p style="padding-left: 40px;">A. Classification – When informed of plant parameters, radiological release levels or events which indicate that an emergency classification may be appropriate, evaluate the emergency classification.</p> <p style="padding-left: 80px;">1. Confirm that the indications have been verified using redundant or coincident indications.</p>
<p>Standard:</p>	<p>Confirms indications</p>
<p>Performance:</p>	<p>SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/></p>
<p>Comments:</p>	

<p>Performance Step: 2 Critical: N</p>	<p>Duty Shift Manager (Interim Emergency Director) Instructions:</p> <p style="padding-left: 40px;">A. Classification – When informed of plant parameters, radiological release levels or events which indicate that an emergency classification may be appropriate, evaluate the emergency classification.</p> <p style="padding-left: 80px;">2. Refer to Form 5790-101-02 and identify any EALs applicable to the initiating condition.</p>
<p>Standard:</p>	<p>Refer to Form 5790-101-02 (EAL Chart)</p>
<p>Performance:</p>	<p>SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/></p>
<p>Comments:</p>	

JPM-A.2-101-011 (EAL Classification) Rev. 2

Performance Step: 3 Critical: N	Duty Shift Manager (Interim Emergency Director) Instructions: A. Classification – When informed of plant parameters, radiological release levels or events which indicate that an emergency classification may be appropriate, evaluate the emergency classification. 3. Locate the applicable EAL on Form 5790-101-02.
Standard:	Determines EAL SA2.1 is the applicable EAL.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Performance Step: 4 Critical: Y	Duty Shift Manager (Interim Emergency Director) Instructions: A. Classification – When informed of plant parameters, radiological release levels or events which indicate that an emergency classification may be appropriate, evaluate the emergency classification. 4. If multiple events and/or indications are involved, classify the emergency based on the event (or indication) that results in the highest (most conservative) emergency classification.
Standard:	Determines EAL SA2.1 is the applicable EAL.
Evaluator Note:	WHEN OPERATOR DECLARES EAL CALL, STOP THE TIME CLOCK
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	

Terminating Cues: EVALUATOR INFORMS OPERATOR THAT THE JPM IS COMPLETE

Stop Time: _____

Historical Record:

- Procedural edits for 2010 ILT NRC Exam.

TURNOVER SHEET

DURING THE JPM, ENSURE PROPER SAFETY PRECAUTIONS, FME, AND/OR RADIOLOGICAL CONCERNS AS APPLICABLE ARE FOLLOWED.

INITIAL CONDITIONS:

- An automatic reactor scram occurred and all control rods did NOT insert
- Reactor power during the ATWS was 12%
- All remaining control rods were subsequently inserted via manual initiation of ARI
- You are an On-Shift SRO.

INITIATING CUES (IF APPLICABLE):

- Based on the above plant indications, evaluate and classify the appropriate Emergency Action Level.
- **THIS JPM IS TIME CRITICAL**

Retention: Life of Plant

Retain in: Training Record

Form retained in accordance with record retention schedule identified in FP-G-RM-01.