

FINAL AS-ADMINISTERED ADMINISTRATIVE JPMS

FOR THE KEWAUNEE INITIAL EXAMINATION - AUG/SEP 2002

Facility: **KEWAUNEE NUCLEAR PLANT**
 Examination Level (circle one): **RO** / SRO

Date of Examination: **8/26/02**
 Operating Test Number: **2002301**

Administrative Topic/Subject Description		Describe method of evaluation: ONE Administrative JPM, OR TWO Administrative Questions
A.1	Conduct of Operations/ Reactor Plant Startup Requirements	JPM: Perform a Pre-Critical Checklist.
	Plant Parameter Verification	JPM: Perform an Estimated Critical Position (ECP).
A.2	Equipment Control/ Tagging & Clearances	JPM: Review a tagout for accuracy.
		N/A
A.3	Radiation Control/ Radiation Exposure Limits.	JPM: Determine a stay-time for a High Radiation Area.
		N/A
A.4	Emergency Plan/ Emergency Communications.	JPM: Perform ERO pager activation in response to a security threat.
		N/A

Facility: **KEWAUNEE NUCLEAR PLANT**
 Examination Level (circle one): RO / **SRO**

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A.1	Conduct of Operations/ Reactor Plant Startup Requirements	JPM: Perform a Pre-Critical Checklist.
	Plant Parameter Verification	JPM: Perform an Estimated Critical Position (ECP).
A.2	Equipment Control/ Tagging & Clearances	JPM: Review a tagout for accuracy.
		N/A
A.3	Radiation Control/ Knowledge of Radiation Exposure Limits	JPM: Review/Authorize an Emergency Radiation Work Permit (RWP).
		N/A
A.4	Emergency Plan/ Emergency Action Levels and Classifications	JPM: Make an Emergency Plan Classification, including Protective Action Recommendations (PARS).

KEWAUNEE NUCLEAR POWER PLANT
TRAINING JOB PERFORMANCE MEASURES

JPM XXXXXX
Revision 0 DRAFT
Date

PERFORM A PRECRITICAL CHECKLIST

K/A REFERENCE: Gen - 2.1.31 (4.2/3.9)
(NUREG-1122)

ALTERNATE PATH JPM _____ YES X NO

PERFORMANCE CHECKLIST:

SATISFACTORY - Properly performed critical step(s) and/or in sequence (if applicable)

UNSATISFACTORY - Improperly performed critical step(s) and/or out of sequence (if applicable)

X Procedure adequately addresses task elements.
Enter identifier here: N-0-02-CLB, Rev. AM

_____ Other document adequately describes necessary task elements.
Enter identifier here: _____

_____ Task elements described as attached.

DESIRED MODE OF EVALUATION:

APPLICABLE EVALUATION SETTING:

SIMULATE/WALKTHROUGH _____ DISCUSSION _____ PERFORM X IN-PLANT _____ CONTROL ROOM _____

VALIDATED TIME FOR COMPLETION: 10 MINUTES

KEWAUNEE NUCLEAR POWER PLANT
TRAINING JOB PERFORMANCE MEASURES

JPM XXXXXX
Revision 0 DRAFT
Date

PERFORM A PRECRITICAL CHECKLIST

EXAMINEE _____ EVALUATOR _____

START TIME _____ FINISH TIME _____

PERFORMANCE ☐ SAT ☐ UNSAT

JOB TITLE: ☐ AOT ☐ COT ☐ SRO ☐ STA

TOOLS/EQUIPMENT/REFERENCES:

N-0-02-CLB, Precritical Checklist

TASK STANDARDS:

Three discrepancies identified in steps, 2.3 and 2.4 of N-0-02-CLB, Precritical Checklist, Rev. AM.

PERFORM A PRECRITICAL CHECKLIST

SIMULATOR INFORMATION:

Simulator setup to include:

- "A" SI Accumulator at 22%.
- SI-11B in CLOSED position (indication)
- RHR Pump "B" has NO indicating lights lit (control power failure)

NOTE: *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.*

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.*

PERFORM A PRECRITICAL CHECKLIST

READ AND PROVIDE TO THE EXAMINEE

THIS SECTION IS READ ONCE FOR THE ENTIRE PACKAGE OF JPMS. IT IS NOT REQUIRED TO REVIEW THIS SECTION FOR EVERY JPM BEING PERFORMED IN THE PACKAGE. THE INITIAL CONDITIONS AND INITIATING CUE(S)/TASKS TO BE PERFORMED SHOULD BE READ AND THEN PROVIDED TO THE EXAMINEE.

After I read you the initial conditions and initiating cue(s)/task to be performed for this JPM and provide you a copy of the same, you may review and begin. Once you have completed the task, indicate completion by handing back this form to the evaluator unless otherwise told.

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.

For all two and three-way communications, make your report to me, the JPM evaluator. I will reply to your reports with the statement, "acknowledge." All actions in the plant are to be simulated and all actions in the simulator will be performed. Ensure you make it clear to me, the evaluator, of all actions you are taking so that credit may be given for completing each step of the task.

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

INITIAL CONDITIONS:

N-0-02-CLB, Precritical Checklist was begun last shift and turned over to your crew.

INITIATING CUES (IF APPLICABLE):

The CRS directs you to complete the remaining portions of steps 2.3 and 2.4 of N-0-02-CLB, Precritical Checklist, Rev. AM as the First Operator and report any discrepancies.

KEWAUNEE NUCLEAR POWER PLANT
TRAINING JOB PERFORMANCE MEASURES

JPM XXXXXX
Revision 0 DRAFT
Date

PERFORM A PRECRITICAL CHECKLIST

PERFORMANCE INFORMATION

NOTE: *CRITICAL STEPS ARE DENOTED WITH A "Y". FAILURE TO MEET THE STANDARDS FOR THIS ITEM CONSTITUTES FAILURE.*

START TIME _____ STEP/SEQUENCE/CRITICAL SAT _____
1 1 Y UNSAT _____

ELEMENT: Step 2.3.2.b - Verify proper level in both SI Accumulators.

STANDARD: SI Accumulator A is identified as reading low (22%). Proper level band is 26-50%.

CUE: Any reports by the examinee of the abnormal items to supervision should simply be acknowledged, and the examinee prompted to continue with the checklist. This applies throughout the JPM.

COMMENTS:

START TIME _____ STEP/SEQUENCE/CRITICAL SAT _____
2 2 Y UNSAT _____

ELEMENT: Step 2.3.4.e – Verify SI-11B/MV-32097 Reac Sfty Inj LP B Cold Leg Isol MV OPEN.

STANDARD: SI-11B is identified as being CLOSED (green indicating light ON, red indicating light OFF).

CUE: None.

START TIME _____ STEP/SEQUENCE/CRITICAL SAT _____
3 3 Y UNSAT _____

ELEMENT: 2.4.1 – Verify both Residual Heat Removal System OPERABLE.

STANDARD: RHR Pump B is identified as having no control room indicating lights (loss of control power). Green, white, and red indicating lights are OFF.

CUE: Examinee may attempt to check if a burnt out green indicating light is the cause of lack of indication. If examinee attempts to check the bulb, inform the examinee the bulb is good and no check is necessary.

TERMINATION CUE: THIS COMPLETES THIS JPM.

COMPLETION TIME: _____

KEWAUNEE NUCLEAR POWER PLANT
TRAINING JOB PERFORMANCE MEASURES

JPM XXXXXXXX
Revision 0 DRAFT
Date

PERFORM A MANUAL ESTIMATED CRITICAL
POSITION CALCULATION

K/A REFERENCE: Gen – 2.1.25 (2.8/3.1)
(NUREG-1122)

ALTERNATE PATH JPM _____ YES X NO

PERFORMANCE CHECKLIST:

SATISFACTORY - Properly performed critical step(s) and/or in sequence (if applicable)

UNSATISFACTORY - Improperly performed critical step(s) and/or out of sequence (if applicable)

 X Procedure adequately addresses task elements.
Enter identifier here: N-CRD-49D, Calculating Estimated
Critical Position for Reactor Startup

_____ Other document adequately describes necessary task elements.
Enter identifier here: _____

 X Task elements described as attached.

DESIRED MODE OF EVALUATION:

APPLICABLE EVALUATION SETTING:

SIMULATE/WALKTHROUGH _____ DISCUSSION _____ PERFORM X IN-PLANT _____ CONTROL ROOM X

VALIDATED TIME FOR COMPLETION: 30 MINUTES

KEWAUNEE NUCLEAR POWER PLANT
TRAINING JOB PERFORMANCE MEASURES

JPM XXXXXXXX
Revision 0 DRAFT
Date

PERFORM A MANUAL ESTIMATED CRITICAL
POSITION CALCULATION

EXAMINEE _____ EVALUATOR _____

START TIME _____ FINISH TIME _____

PERFORMANCE ☐ SAT ☐ UNSAT

JOB TITLE: ☐ AOT ☐ COT ☐ SRO ☐ STA

TOOLS/EQUIPMENT/REFERENCES:

Reactor Data Manual
N-CRD-49D, Calculating Estimated Critical Position for Reactor Startup, Rev B.
Calculator

TASK STANDARDS:

The Estimated Critical Position is completed and critical boron concentration determined to be 944 ppm \pm 13.
Maximum and minimum Bank D rod positions is determined to be 171 steps (+0, -1) and 51 steps (+1,-0).

NOTE: A completed ECP calculation is included with this JPM for grading purposes. Some minor differences may exist due to reading of the various graphs in the Reactor Data Manual. When reading graphs, one half of one division above and below the value determined to be correct was allotted.

SIMULATOR INFORMATION:

NONE

NOTE: 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.

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.

PERFORM A MANUAL ESTIMATED CRITICAL
POSITION CALCULATION

READ AND PROVIDE TO THE EXAMINEE

THIS SECTION IS READ ONCE FOR THE ENTIRE PACKAGE OF JPMs. IT IS NOT REQUIRED TO REVIEW THIS SECTION FOR EVERY JPM BEING PERFORMED IN THE PACKAGE. THE INITIAL CONDITIONS AND INITIATING CUE(S)/TASKS TO BE PERFORMED SHOULD BE READ AND THEN PROVIDED TO THE EXAMINEE.

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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.

For all two and three-way communications, make your report to me, the JPM evaluator. I will reply to your reports with the statement, "acknowledge." All actions in the plant are to be simulated and all actions in the simulator will be performed. Ensure you make it clear to me, the evaluator, of all actions you are taking so that credit may be given for completing each step of the task.

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

INITIAL CONDITIONS:

It is dayshift and you are the Reactor Operator.
The reactor tripped at 0600 yesterday.
The expected time of criticality is 1200 today (Noon).
Prior to the trip, the reactor had operated at 100% steady-state power for 2 weeks.
This is Startup No. 101.
Core burnup is 8500 MWD/MTU.
Current boron concentration is 1000 ppm.
T_{AVE} will be 545 °F for the startup.
Criticality with Bank D at 100 steps is desired.
The computer is unavailable.
An updated reactivity plan is being developed.

INITIATING CUES (IF APPLICABLE):

The CRS has directed you to perform an **independent** MANUAL Estimated Critical Position (ECP) calculation for a "Critical Boron – Fixed Rod Height" per step 4.2 of N-CRD-49D.

KEWAUNEE NUCLEAR POWER PLANT
TRAINING JOB PERFORMANCE MEASURES

JPM XXXXXXXX
Revision 0 DRAFT
Date

PERFORM A MANUAL ESTIMATED CRITICAL
POSITION CALCULATION

PERFORMANCE INFORMATION

NOTE: *CRITICAL STEPS ARE DENOTED WITH A "Y". FAILURE TO MEET THE STANDARDS FOR THIS ITEM CONSTITUTES FAILURE.*

START TIME	STEP/SEQUENCE/CRITICAL			SAT
	1	1	N	UNSAT

ELEMENT: Heading of ECP Datasheet is filled out.

STANDARD: All blocks filled out with the applicable given information. (see grading datasheet for entries).

CUE:

COMMENTS:

	STEP/SEQUENCE/CRITICAL			SAT
	2	1	N	UNSAT

ELEMENT: Determine excess core reactivity based on core burnup.

STANDARD: Excess reactivity determined to be 9500 pcm \pm 50 using RD 13.2.

CUE:

COMMENTS:

	STEP/SEQUENCE/CRITICAL			SAT
	3	1	N	UNSAT

ELEMENT: Calculate xenon worth.

STANDARD: RD 9.2 is used to determine full power equilibrium xenon (-2217.5 pcm \pm 2.5).
RD 9.1.2 is used to determine fraction of full power xenon present (0.69 \pm 0.005).
These two values are multiplied together to obtain xenon worth (-1530 pcm \pm 13)

CUE:

COMMENTS:

PERFORM A MANUAL ESTIMATED CRITICAL
POSITION CALCULATION

PERFORMANCE INFORMATION

NOTE: *CRITICAL STEPS ARE DENOTED WITH A "Y". FAILURE TO MEET THE STANDARDS FOR THIS ITEM CONSTITUTES FAILURE.*

	STEP/SEQUENCE/CRITICAL	SAT
	4 1 N	UNSAT
ELEMENT:	Determine Samarium worth.	
STANDARD:	Samarium worth is determined using RD 10.1 or 10.2 (-748 pcm \pm 5).	
CUE:		
NOTE:	RD 10.1 will provide more accurate values of Samarium worth.	
COMMENTS:		

	STEP/SEQUENCE/CRITICAL	SAT
	5 1 N	UNSAT
ELEMENT:	Determine temperature defect.	
STANDARD:	Temperature defect determined to be -2 °F (545-547 °F). Isothermal Temperature Coefficient is determined using RD 8.3 (-14.5 pcm/°F \pm 0.25). These two values are multiplied together to obtain the temperature defect (29 pcm \pm 0.5).	
CUE:		
COMMENTS:		

	STEP/SEQUENCE/CRITICAL	SAT
	6 2 N	UNSAT
ELEMENT:	Calculate total defect.	
STANDARD:	Total defect is determined by adding all previously calculated defects and worths (7251 pcm \pm 69)	
CUE:		
COMMENTS:		

PERFORM A MANUAL ESTIMATED CRITICAL
POSITION CALCULATION

PERFORMANCE INFORMATION

NOTE: *CRITICAL STEPS ARE DENOTED WITH A "Y". FAILURE TO MEET THE STANDARDS FOR THIS ITEM CONSTITUTES FAILURE.*

STEP/SEQUENCE/CRITICAL
7 3 N

SAT _____
UNSAT _____

ELEMENT: Determine rod worth at required rod height.

STANDARD: RD 5.1.1.1 or RD 5.1.1.2 is used to determine rod worth for Bank D at 100 steps ($-621 \text{ pcm} \pm 0$).

CUE:

COMMENTS:

STEP/SEQUENCE/CRITICAL
8 4 N

SAT _____
UNSAT _____

ELEMENT: Determine net reactivity.

STANDARD: Rod worth is added to the total defect to obtain net reactivity ($6630 \text{ pcm} \pm 69$).

CUE:

COMMENTS:

STEP/SEQUENCE/CRITICAL
9 5 N

SAT _____
UNSAT _____

ELEMENT: Determine critical reactivity.

STANDARD: Net reactivity obtained in above step is multiplied by -1.0 (sign change, $-6630 \text{ pcm} \pm 69$).

CUE:

COMMENTS:

PERFORM A MANUAL ESTIMATED CRITICAL
POSITION CALCULATION

PERFORMANCE INFORMATION

NOTE: *CRITICAL STEPS ARE DENOTED WITH A "Y". FAILURE TO MEET THE STANDARDS FOR THIS ITEM CONSTITUTES FAILURE.*

STEP/SEQUENCE/CRITICAL
10 6 N

SAT _____
UNSAT _____

ELEMENT: Determine differential boron worth.

STANDARD: Differential boron worth is determined using RD 6.2 (-7.02 pcm/ppm ± 0.025).

CUE:

COMMENTS:

STEP/SEQUENCE/CRITICAL
11 7 Y

SAT _____
UNSAT _____

ELEMENT: Determine critical boron concentration.

STANDARD: Critical boron concentration is determined by dividing the critical reactivity by the differential boron worth (a value of 944 ppm ± 13 is required).

NOTE: A value of 944 ppm for critical boron concentration as compared to the existing 1000 ppm indicates a DILUTION will be required to adjust boron concentration.

CUE:

COMMENTS:

STEP/SEQUENCE/CRITICAL
12 8 Y

SAT _____
UNSAT _____

ELEMENT: Determine maximum Bank D rod position.

STANDARD: Using the rod worth for Bank D found previously (-621 pcm), 400 pcm is added to obtain a value of -221 pcm. Using RD 5.1.1.1 or RD 5.1.1.2, a maximum Bank D position of 171 steps is obtained (171+0,-1).

CUE:

COMMENTS:

KEWAUNEE NUCLEAR POWER PLANT
TRAINING JOB PERFORMANCE MEASURES

JPM XXXXXXXX
Revision 0 DRAFT
Date

PERFORM A MANUAL ESTIMATED CRITICAL
POSITION CALCULATION

PERFORMANCE INFORMATION

NOTE: *CRITICAL STEPS ARE DENOTED WITH A "Y". FAILURE TO MEET THE STANDARDS FOR THIS ITEM CONSTITUTES FAILURE.*

	STEP/SEQUENCE/CRITICAL	SAT
	13 8 Y	UNSAT _____

ELEMENT: Determine minimum Bank D rod position.

STANDARD: Using the rod worth for Bank D found previously (-621 pcm), 400 pcm is subtracted to obtain a value of -1021 pcm. Using RD 5.1.1.1 or RD 5.1.1.2, a minimum Bank D position of 51 steps is obtained (51+1,-0)

CUE:

COMMENTS:

TERMINATION CUE: THIS COMPLETES THE JPM.

COMPLETION TIME: _____

REVIEW A TAGOUT

K/A REFERENCE: Gen - 2.2.13 (3.6/3.8)
(NUREG-1122)

ALTERNATE PATH JPM _____ YES X NO

PERFORMANCE CHECKLIST:

SATISFACTORY - Properly performed critical step(s) and/or in sequence (if applicable)

UNSATISFACTORY - Improperly performed critical step(s) and/or out of sequence (if applicable)

X Procedure adequately addresses task elements.
Enter identifier here: GNP-03.03.01, Rev. L

_____ Other document adequately describes necessary task elements.
Enter identifier here: _____

X Task elements described as attached.

DESIRED MODE OF EVALUATION:

APPLICABLE EVALUATION SETTING:

SIMULATE/WALKTHROUGH _____ DISCUSSION _____ PERFORM X IN-PLANT _____ CONTROL ROOM _____

VALIDATED TIME FOR COMPLETION: 20 MINUTES

KEWAUNEE NUCLEAR POWER PLANT
TRAINING JOB PERFORMANCE MEASURES

JPM XXXXX
Revision 0 DRAFT
Date

REVIEW A TAGOUT

EXAMINEE _____ EVALUATOR _____

START TIME _____ FINISH TIME _____

PERFORMANCE ☐ SAT ☐ UNSAT

JOB TITLE: ☐ AOT ☐ COT ☐ SRO ☐ STA

TOOLS/EQUIPMENT/REFERENCES:

Tag Number 02-9999

GNP-03.03.01, Tagout Processing, Rev. L

PMP 35-09, CVC-QA-1 Charging Pump Pulsation Dampener Maintenance, Rev Q

N-CVC-35B-CL, Charging and Volumn Control Prestartup Checklist, Rev AK

Drawing OPERXK-100-36, Flow Diagram Chemical and Volumn Control Sys., Rev AU

TASK STANDARDS:

Two discrepancies identified during the review of Tagout.

REVIEW A TAGOUT

SIMULATOR INFORMATION:

Admin JPM – No simulator information needed.

***NOTE:** 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.*

***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.*

REVIEW A TAGOUT

READ AND PROVIDE TO THE EXAMINEE

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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.

For all two and three-way communications, make your report to me, the JPM evaluator. I will reply to your reports with the statement, "acknowledge." All actions in the plant are to be simulated and all actions in the simulator will be performed. Ensure you make it clear to me, the evaluator, of all actions you are taking so that credit may be given for completing each step of the task.

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

INITIAL CONDITIONS:

Charging Pump B pulsation dampener maintenance is scheduled to be performed.
The computerized tagout system is out of service.
A handwritten tagout has been developed to isolate Charging Pump B.

INITIATING CUES (IF APPLICABLE):

The CRS directs you to perform a Tagout Placement Adequacy/Accuracy Verification for Tag Number 02-9999 and report any discrepancies.

REVIEW A TAGOUT

PERFORMANCE INFORMATION

NOTE: *CRITICAL STEPS ARE DENOTED WITH A "Y". FAILURE TO MEET THE STANDARDS FOR THIS ITEM CONSTITUTES FAILURE.*

START TIME	STEP/SEQUENCE/CRITICAL			SAT
	1	1	N	UNSAT

ELEMENT: Obtain and review references as needed to determine tagging series adequacy.

STANDARD: As above. References include those on coversheet of the JPM.

NOTE: The examiner should keep the examinee focused on the tag series review using available references (i.e. plant walk-down, review of requesting individual documentation, or review of individual tags is not necessary).

CUE:

COMMENTS:

	STEP/SEQUENCE/CRITICAL			SAT
	2	1	Y	UNSAT

ELEMENT: Determine if specified tag series boundaries are adequate for worker safety and scope of work.

STANDARD: Examinee identifies that the identified breaker for Charging Pump B is incorrect. Breaker equipment number and card location is identified as MCC62E-A5, and should be MCC62-A6.

CUE: CVC-28B, Suction Pulsation Dampener Drain, is NOT required to be tagged per PMP 35-09. This tag has been added at Operations Department discretion and may be indicated as such to the examinee if CVC-28B appearing on the tagout is questioned. Also, if lack of a specified sequence is questioned, indicate that the Shift Manager will determine any required sequence when the tagout is ready for placement.

COMMENTS:

KEWAUNEE NUCLEAR POWER PLANT
TRAINING JOB PERFORMANCE MEASURES

JPM XXXXX
Revision 0 DRAFT
Date

REVIEW A TAGOUT

PERFORMANCE INFORMATION

NOTE: *CRITICAL STEPS ARE DENOTED WITH A "Y". FAILURE TO MEET THE STANDARDS FOR THIS ITEM CONSTITUTES FAILURE.*

	STEP/SEQUENCE/CRITICAL	SAT
	3 1 Y	UNSAT
ELEMENT:	Determine if specified tag series boundaries are adequate for worker safety and scope of work.	
STANDARD:	Examinee determines that the required placement and restoration position for CVC-30B Casing Vent is reversed. Placement position for CVC-30B is listed as OPEN (should be CLOSED). Restoration position for CVC-30B is listed as CLOSED (should be OPEN).	
CUE:		
NOTE:	<i>When examinee has indicated and discussed the identified discrepancies, the JPM can be terminated.</i>	
COMMENTS:		

TERMINATION CUE: THIS COMPLETES THIS JPM.

COMPLETION TIME: _____

KEWAUNEE NUCLEAR POWER PLANT
TRAINING JOB PERFORMANCE MEASURES

JPM XXXXXXXX
Revision 0 DRAFT
Date

DETERMINE A STAY TIME FOR A
HIGH RADIATION AREA

K/A REFERENCE: Gen – 2.3.1 (2.6/3.0)
(NUREG-1122)

ALTERNATE PATH JPM _____ YES X NO

PERFORMANCE CHECKLIST:

SATISFACTORY - Properly performed critical step(s) and/or in sequence (if applicable)

UNSATISFACTORY - Improperly performed critical step(s) and/or out of sequence (if applicable)

_____ Procedure adequately addresses task elements.

Enter identifier here: _____

_____ Other document adequately describes necessary task elements.

Enter identifier here: _____

 X Task elements described as attached.

DESIRED MODE OF EVALUATION:

APPLICABLE EVALUATION SETTING:

SIMULATE/WALKTHROUGH _____ DISCUSSION _____ PERFORM X IN-PLANT _____ CONTROL ROOM X

VALIDATED TIME FOR COMPLETION: 5 MINUTES

KEWAUNEE NUCLEAR POWER PLANT
TRAINING JOB PERFORMANCE MEASURES

JPM XXXXXXXX
Revision 0 DRAFT
Date

DETERMINE A STAY TIME FOR A
HIGH RADIATION AREA

EXAMINEE _____ EVALUATOR _____

START TIME _____ FINISH TIME _____

PERFORMANCE ☐ SAT ☐ UNSAT

JOB TITLE: ☐ AOT ☐ COT ☐ SRO ☐ STA

TOOLS/EQUIPMENT/REFERENCES:

Calculator

TASK STANDARDS:

The maximum time that can be spent hanging tags in the General Area is determined to be 40 minutes.

SIMULATOR INFORMATION:

NONE

NOTE: 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.

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.

DETERMINE A STAY TIME FOR A
HIGH RADIATION AREA

READ AND PROVIDE TO THE EXAMINEE

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For all two and three-way communications, make your report to me, the JPM evaluator. I will reply to your reports with the statement, "acknowledge." All actions in the plant are to be simulated and all actions in the simulator will be performed. Ensure you make it clear to me, the evaluator, of all actions you are taking so that credit may be given for completing each step of the task.

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

INITIAL CONDITIONS:

- An extensive tagout containing a large number of tags is required to be hung in an area posted as a High Radiation Area.
- The General Area dose rate in the HRA is 30 mR/hr.
- The first valve on the tagout (a valve which has to be manually closed) is located in a 360 mR/hr field. It is estimated that 5 minutes will be required to close this valve based on previous performance history.
- The remainder of the items on the tagout are located in the General Area dose rate.
- Radiation Protection (RP) has placed a dose limit of 50 mR on this task.

INITIATING CUES (IF APPLICABLE):

You are to determine the maximum time that can be spent hanging the remaining tags in the General Area without exceeding the dose limit for this task.

KEWAUNEE NUCLEAR POWER PLANT
TRAINING JOB PERFORMANCE MEASURES

JPM XXXXXXXX
Revision 0 DRAFT
Date

DETERMINE A STAY TIME FOR A
HIGH RADIATION AREA

PERFORMANCE INFORMATION

NOTE: *CRITICAL STEPS ARE DENOTED WITH A "Y". FAILURE TO MEET THE STANDARDS FOR THIS ITEM CONSTITUTES FAILURE.*

START TIME	STEP/SEQUENCE/CRITICAL			SAT
	1	1	Y	UNSAT

ELEMENT: Determine total dose received closing the valve in the HRA (360 mR/hr field).

STANDARD: The total dose received is determined to be 30 mR. (360 mR/hr * 5 min / 60 min/hr = 30 mR)

CUE:

COMMENTS:

	STEP/SEQUENCE/CRITICAL			SAT
	2	2	Y	UNSAT

ELEMENT: Available dose for hanging tags in the General Area is determined.

STANDARD: Dose available for hanging tags in the General Area is determined to be 20 mR. (50 mR – 30 mR = 20 mR)

CUE:

COMMENTS:

	STEP/SEQUENCE/CRITICAL			SAT
	3	3	Y	UNSAT

ELEMENT: Determine maximum time to hang tags in the General Area.

STANDARD: Maximum time to be spent in the General Area is determined to be 40 minutes. (20 mR / 30 mR/hr * 60 min/hr)

CUE:

COMMENTS:

TERMINATION CUE: THIS COMPLETES THE JPM.

COMPLETION TIME: _____

KEWAUNEE NUCLEAR POWER PLANT
TRAINING JOB PERFORMANCE MEASURES

JPM XXXXXX
Revision 0 DRAFT
Date

EMERGENCY RWP APPROVAL

K/A REFERENCE: Gen - 2.3.1 (2.6/3.0)
(NUREG-1122) 2.3.4 (2.5/3.1)

ALTERNATE PATH JPM _____ YES X NO

PERFORMANCE CHECKLIST:

SATISFACTORY - Properly performed critical step(s) and/or in sequence (if applicable)

UNSATISFACTORY - Improperly performed critical step(s) and/or out of sequence (if applicable)

X Procedure adequately addresses task elements.
Enter identifier here: EP-AD-11, Emergency
Radiation Controls _____

_____ Other document adequately describes necessary task elements.
Enter identifier here: _____

X Task elements described as attached.

DESIRED MODE OF EVALUATION:

APPLICABLE EVALUATION SETTING:

SIMULATE/WALKTHROUGH _____ DISCUSSION _____ PERFORM X IN-PLANT X CONTROL ROOM X

VALIDATED TIME FOR COMPLETION: 10 MINUTES

KEWAUNEE NUCLEAR POWER PLANT
TRAINING JOB PERFORMANCE MEASURES

JPM XXXXXX
Revision 0 DRAFT
Date

EMERGENCY RWP APPROVAL

EXAMINEE _____ EVALUATOR _____

START TIME _____ FINISH TIME _____

PERFORMANCE ☐ SAT ☐ UNSAT

JOB TITLE: ☐ AOT ☐ COT ☐ SRO ☐ STA

TOOLS/EQUIPMENT/REFERENCES:

EPIP-AD-11, Emergency Radiation Controls
EPIPF-AD-11-01, Emergency Radiation Work Permit

TASK STANDARDS:

The Emergency RWP is NOT approved due to the high dose expected to be received for the given activity.

SIMULATOR INFORMATION:

TIME	FAIL	COMPONENT	OPTION	VALUE	RAMP	DELAY	ACT	COND
NONE								

NOTE: 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.

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.

EMERGENCY RWP APPROVAL

READ AND PROVIDE TO THE EXAMINEE

THIS SECTION IS READ ONCE FOR THE ENTIRE PACKAGE OF JPMs. IT IS NOT REQUIRED TO REVIEW THIS SECTION FOR EVERY JPM BEING PERFORMED IN THE PACKAGE. THE INITIAL CONDITIONS AND INITIATING CUE(S)/TASKS TO BE PERFORMED SHOULD BE READ AND THEN PROVIDED TO THE EXAMINEE.

After I read you the initial conditions and initiating cue(s)/task to be performed for this JPM and provide you a copy of the same, you may review and begin. Once you have completed the task, indicate completion by handing back this form to the evaluator unless otherwise told.

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.

For all two and three-way communications, make your report to me, the JPM evaluator. I will reply to your reports with the statement, "acknowledge." All actions in the plant are to be simulated and all actions in the simulator will be performed. Ensure you make it clear to me, the evaluator, of all actions you are taking so that credit may be given for completing each step of the task.

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

INITIAL CONDITIONS:

- You are the Emergency Director.
- The plant has experienced a large break LOCA.
- Containment sump recirculation has been established with RHR Train B per ES-1.3, Transfer To Containment Sump Recirculation.
- RHR Train A is still lined up to the RWST.
- Prior to the event, RHR Pump A Pit Covers were removed for maintenance.
- The suction pressure gauge for RHR Pump A is reported to have blown off and is leaking into RHR Pump A pit.
- The gauge can be isolated by closing valve RHR-11276.
- The pump is in danger of being damaged by the rising water level.
- In lieu of shutting down and isolating the pump, an Auxiliary Operator has been directed to enter the RHR Pump pit and isolate the valve to prevent pump damage.
- The task should take 5-6 minutes to perform.
- The radiation level in the general area of RHR Pump A is 200,000 mr/hr (200 R/hr).

INITIATING CUES (IF APPLICABLE):

Evaluate the Emergency Radiation Work Permit for closing RHR-11276 and approve or deny the permit.

EMERGENCY RWP APPROVAL

PERFORMANCE INFORMATION

NOTE: *CRITICAL STEPS ARE DENOTED WITH A "Y". FAILURE TO MEET THE STANDARDS FOR THIS ITEM CONSTITUTES FAILURE.*

START TIME	STEP/SEQUENCE/CRITICAL			SAT
	1	1	N	UNSAT

ELEMENT: Refer to EP-AD-11, Emergency Radiation Controls.

STANDARD: EP-AD-11 is referenced.

CUE:

COMMENTS:

	STEP/SEQUENCE/CRITICAL			SAT
	2	1	N	UNSAT

ELEMENT: Review/Verify EPIPF-AD-11.01, Emergency Radiation Work Permit, for accuracy as compared to given initial conditions.

STANDARD: EPIPF-AD-11.01 is determined to accurately reflect the given initial conditions.

CUE:

COMMENTS:

EMERGENCY RWP APPROVAL

PERFORMANCE INFORMATION

NOTE: *CRITICAL STEPS ARE DENOTED WITH A "Y". FAILURE TO MEET THE STANDARDS FOR THIS ITEM CONSTITUTES FAILURE.*

	STEP/SEQUENCE/CRITICAL		SAT
	3	2	Y
			UNSAT
ELEMENT:	Compare dose for the task to the limits of EPIP-AD-11.		
STANDARD:	Determines that the exposure limit for protection of valuable property (equipment) is 10 Rem from EPA Radiation Dose Guidelines Table (EPA-400). Dose estimated for the task is GREATER than the allowed limit.		
CUE:			
COMMENTS:			

	STEP/SEQUENCE/CRITICAL		SAT
	4	3	Y
			UNSAT
ELEMENT:	Evaluate approval of EPIPF-AD-11-01, Emergency Radiation Work Permit.		
STANDARD:	The Emergency Radiation Work Permit is DENIED based on the radiation levels exceeding the allowable for equipment protection.		
CUE:	If examinee denies approval without providing justification (step 3), request that the justification for denial be explained.		
COMMENTS:			

TERMINATION CUE: THIS COMPLETES THE JPM.

COMPLETION TIME: _____

KEWAUNEE NUCLEAR POWER PLANT
TRAINING JOB PERFORMANCE MEASURES

JPM XXXXXXXX
Revision 0 DRAFT
Date

PERFORM ERO PAGER ACTIVATION IN
RESPONSE TO A SECURITY THREAT

K/A REFERENCE: Gen – 2.4.35 (3.3/3.5)
(NUREG-1122)

ALTERNATE PATH JPM _____ YES X NO

PERFORMANCE CHECKLIST:

SATISFACTORY - Properly performed critical step(s) and/or in sequence (if applicable)

UNSATISFACTORY - Improperly performed critical step(s) and/or out of sequence (if applicable)

 X Procedure adequately addresses task elements.

Enter identifier here: EPIP AD-07, Initial Emergency Notifications
Rev AR

_____ Other document adequately describes necessary task elements.

Enter identifier here: _____

 X Task elements described as attached.

DESIRED MODE OF EVALUATION:

APPLICABLE EVALUATION SETTING:

SIMULATE/WALKTHROUGH _____ DISCUSSION _____ PERFORM X IN-PLANT _____ CONTROL ROOM X

VALIDATED TIME FOR COMPLETION: 5 MINUTES

KEWAUNEE NUCLEAR POWER PLANT
TRAINING JOB PERFORMANCE MEASURES

JPM XXXXXXXX
Revision 0 DRAFT
Date

PERFORM ERO PAGER ACTIVATION IN
RESPONSE TO A SECURITY THREAT

EXAMINEE _____ EVALUATOR _____

START TIME _____ FINISH TIME _____

PERFORMANCE ☐ SAT ☐ UNSAT

JOB TITLE: ☐ AOT ☐ COT ☐ SRO ☐ STA

TOOLS/EQUIPMENT/REFERENCES:

EPIP-AD-07, Initial Emergency Notifications, Rev AR.
EPIP-AD-20, KNPP Response To A Security Threat, Rev C.

TASK STANDARDS:

Pager notifications are made per EPIP-AD-07 Section 5.4.

SIMULATOR INFORMATION:

A PBX telephone should be set up for use – ENSURE THE PHONE IS UNPLUGGED.

NOTE: *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.*

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.*

PERFORM ERO PAGER ACTIVATION IN
RESPONSE TO A SECURITY THREAT

READ AND PROVIDE TO THE EXAMINEE

THIS SECTION IS READ ONCE FOR THE ENTIRE PACKAGE OF JPMs. IT IS NOT REQUIRED TO REVIEW THIS SECTION FOR EVERY JPM BEING PERFORMED IN THE PACKAGE. THE INITIAL CONDITIONS AND INITIATING CUE(S)/TASKS TO BE PERFORMED SHOULD BE READ AND THEN PROVIDED TO THE EXAMINEE.

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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.

For all two and three-way communications, make your report to me, the JPM evaluator. I will reply to your reports with the statement, "acknowledge." All actions in the plant are to be simulated and all actions in the simulator will be performed. Ensure you make it clear to me, the evaluator, of all actions you are taking so that credit may be given for completing each step of the task.

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

INITIAL CONDITIONS:

You are an extra operator on shift.

An on-going security event has resulted in the Shift Manager declaring an ALERT emergency classification.

INITIATING CUES (IF APPLICABLE):

The Shift Manager (SM) has directed you to activate the pagers for appropriate emergency response personnel in accordance with Step 5.4 of EPIP-AD-07, Initial Emergency Notifications. The following information is provided by the SM:

- The pager access code for a "Credible Security Threat – Alert" classification should be used.
- The event (message) code for this classification should be used instead of a return phone number.

PERFORM ERO PAGER ACTIVATION IN
RESPONSE TO A SECURITY THREAT

PERFORMANCE INFORMATION

NOTE: *CRITICAL STEPS ARE DENOTED WITH A "Y". FAILURE TO MEET THE STANDARDS FOR THIS ITEM CONSTITUTES FAILURE.*

START TIME	STEP/SEQUENCE/CRITICAL			SAT
	1	1	N	UNSAT

ELEMENT: Determine if KNPP paging system is available.

STANDARD: Paging system is determined to be available. (NOTE: A PBX telephone is any phone that has a 388-XXXX phone number)

CUE: A normal dial tone is heard if a PBX phone receiver is picked up.

CAUTION: DO NOT ALLOW EXAMINEE TO ACTUALLY DIAL THE NUMBERS ON A FUNCTIONAL PHONE DURING THIS JPM.

COMMENTS:

STEP/SEQUENCE/CRITICAL			SAT
2	1	Y	UNSAT

ELEMENT: Determine appropriate pager access code.

STANDARD: Pager access code "9255" is selected for a "Credible Security Threat – Alert".

CUE: If examinee solicits information from the Shift Manager for which codes to select, inform examinee that the Shift Manager has already indicated which codes should be used.

COMMENTS:

STEP/SEQUENCE/CRITICAL			SAT
3	1	Y	UNSAT

ELEMENT: Determine appropriate event code.

STANDARD: Event (message) code "44777" is selected.

CUE:

COMMENTS:

PERFORM ERO PAGER ACTIVATION IN
RESPONSE TO A SECURITY THREAT

PERFORMANCE INFORMATION

NOTE: *CRITICAL STEPS ARE DENOTED WITH A "Y". FAILURE TO MEET THE STANDARDS FOR THIS ITEM CONSTITUTES FAILURE.*

	STEP/SEQUENCE/CRITICAL	SAT
	4 2 Y	UNSAT
ELEMENT:	Dial pager system activation extension on a PBX phone.	
STANDARD:	Extension "5213" is dialed from a PBX phone.	
CUE:	After "5213" is dialed, inform examinee the phone has answered and has responded with a single beep.	
COMMENTS:		

	STEP/SEQUENCE/CRITICAL	SAT
	5 3 Y	UNSAT
ELEMENT:	Enter pager access code for a Credible Security Threat – Alert.	
STANDARD:	Pager access code "9255" is entered on the PBX phone.	
CUE:	After "9255" is dialed, inform examinee the phone has responded with three beeps.	
COMMENTS:		

PERFORM ERO PAGER ACTIVATION IN
RESPONSE TO A SECURITY THREAT

PERFORMANCE INFORMATION

NOTE: *CRITICAL STEPS ARE DENOTED WITH A "Y". FAILURE TO MEET THE STANDARDS FOR THIS ITEM CONSTITUTES FAILURE.*

	STEP/SEQUENCE/CRITICAL	SAT
	6 4 Y	UNSAT
ELEMENT:	Enter event (message) code for a Credible Security Threat – Alert.	
STANDARD:	Event (message) code “44777” is entered on the PBX phone followed by pressing the “#” key.	
CUE:	After the “#” is pressed, inform examinee the phone has responded with five beeps.	
COMMENTS:		

	STEP/SEQUENCE/CRITICAL	SAT
	7 5 N	UNSAT
ELEMENT:	Phone call is terminated.	
STANDARD:	The phone receiver for the phone being used is hung up.	
CUE:	When the phone is hung up, the JPM may be terminated.	
COMMENTS:		

TERMINATION CUE: THIS COMPLETES THE JPM. **COMPLETION TIME:** _____

KEWAUNEE NUCLEAR POWER PLANT
TRAINING JOB PERFORMANCE MEASURES

JPM XXXXXXXX
Revision 0 DRAFT
Date

CLASSIFY AN EVENT PER THE EMERGENCY PLAN

K/A REFERENCE: Gen - 2.4.41 (2.3/4.1)
(NUREG-1122) Gen - 2.4.44 (2.1/4.0)

ALTERNATE PATH JPM _____ YES X NO

SRO
E-Plan

A.4

PERFORMANCE CHECKLIST:

SATISFACTORY - Properly performed critical step(s) and/or in sequence (if applicable)

UNSATISFACTORY - Improperly performed critical step(s) and/or out of sequence (if applicable)

X Procedure adequately addresses task elements.
Enter identifier here: EPIP-AD-02

_____ Other document adequately describes necessary task elements.
Enter identifier here: _____

X Task elements described as attached.

DESIRED MODE OF EVALUATION:

APPLICABLE EVALUATION SETTING:

SIMULATE/WALKTHROUGH X DISCUSSION _____ PERFORM _____ IN-PLANT _____ CONTROL ROOM X

VALIDATED TIME FOR COMPLETION: 20 MINUTES

CLASSIFY AN EVENT PER THE EMERGENCY PLAN

EXAMINEE _____ EVALUATOR _____

START TIME _____ FINISH TIME _____

PERFORMANCE ☐ SAT ☐ UNSAT

JOB TITLE: ☐ AOT ☐ COT ☐ SRO ☐ STA

TOOLS/EQUIPMENT/REFERENCES:

EPIP-AD-02, Emergency Class Determination, Rev AC
EPIPF-AD-07-01, Rev S

TASK STANDARDS:

A General Emergency is declared.
Identified critical sections of EPIPF-AD-07-01 are completed correctly and within the required time frame.

SIMULATOR INFORMATION:

NONE

NOTE: 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.

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CLASSIFY AN EVENT PER THE EMERGENCY PLAN

READ AND PROVIDE TO THE EXAMINEE

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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.

For all two and three-way communications, make your report to me, the JPM evaluator. I will reply to your reports with the statement, "acknowledge." All actions in the plant are to be simulated and all actions in the simulator will be performed. Ensure you make it clear to me, the evaluator, of all actions you are taking so that credit may be given for completing each step of the task.

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

INITIAL CONDITIONS:

You are the Shift Manager.

The plant was manually tripped due to an RCS leak, which exceeded the makeup capacity of the charging pumps.

A complete loss of off-site power occurred after the trip, coupled with failures of both A and B Emergency Diesel Generators.

RCS pressure is 50 psig and lowering.

Pressurizer level is off-scale low.

Core Exit Thermocouples indicate 550 °F.

Containment pressure is 27 psig and rising.

Containment High Range Radiation Monitors R-40 and R-41 are indicating 200 R/hr.

Steam Generator A Narrow Range is at 20%, Steam Generator B Narrow Range level is at 16%.

Auxiliary feedwater flow is 300 gpm.

Wind speed and direction (both inland and at site) is 10 mph and 180°.

The control room crew is implementing the appropriate emergency procedures.

INITIATING CUES (IF APPLICABLE):

You are implementing EPIP-AD-02 and are to perform the following:

- Per step 5.1 of EPIP-AD-02, classify the event based only on the above conditions.
- After classifying the event, complete Event Notice form EPIPF-AD-07-01 per step 5.1.7 of either EPIP-AD-03 or EPIP-AD-04 (procedure selection as appropriate based on the classification). This portion of the JPM is time critical.

CLASSIFY AN EVENT PER THE EMERGENCY PLAN

PERFORMANCE INFORMATION

NOTE: *CRITICAL STEPS ARE DENOTED WITH A "Y". FAILURE TO MEET THE STANDARDS FOR THIS ITEM CONSTITUTES FAILURE.*

START TIME	STEP/SEQUENCE/CRITICAL			SAT
	1	1	Y	UNSAT

ELEMENT: Determine the category of the event using Table 2-1 EPIP-AD-02.

STANDARD: Examinee determines that a General Emergency declaration is required based on Table EPIP-AD-02, Chart C.

- A LOCA has occurred.
- The SI and RHR pumps are not running (all de-energized).
- Containment pressure is greater than 23 psig with loss of all containment fan coil units and both trains of containment spray (all de-energized).

CUE:

COMMENTS:

STEP/SEQUENCE/CRITICAL			SAT
2	2	Y	UNSAT

ELEMENT: Appropriate sections of Event Notice form EPIPF-AD-07-01 filled out correctly.

STANDARD: EPIPF-AD-07-01 completed consistent with given conditions and within required time frame (< 15 minutes). Time critical portion starts at the time of declaration and ends when the Emergency Director approval is requested.
A completed Event Notice form is attached for grading purposes. Critical step items of the form include items 3, 4, and 9. (**Note: EAL # for Block 4 is NOT considered critical.**)

CUE: When the examinee requests approval from the Emergency Director (Shift Manager), the JPM is complete.

COMMENTS:

TERMINATION CUE: THIS COMPLETES THE JPM.

COMPLETION TIME: _____