

Admin JPM  
SRO  
A.1

Ken send new info

JPM COVER SHEET

JPM NO: J001.010 REV # 01 REVIEW DATE 9/9/99

JPM TITLE: ESTIMATED CRITICAL ROD POSITION DETERMINATION

LOCATION: CLASSROOM

EST. TIME TO COMPLETE: 15 MIN.

DATE:

CANDIDATE:

SOC. SEC. #: \_\_\_\_\_

EVALUATOR:

ACTUAL TIME REQUIRED:

EVALUATION:  
(SAT/UNSAT)

JOB LEVEL: STA

FOLLOW-UP QUESTION NO.:

EVALUATION:

FOLLOW-UP QUESTION NO.:

EVALUATION:

FOLLOW-UP QUESTION NO.:

EVALUATION:

COMMENTS:

CANDIDATE'S INITIAL: \_\_\_\_\_

SUBMITTED \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
JPM INFORMATION SHEET

JPM NO.: J001.010

NOTE

THE EVALUATOR WILL EXPLAIN THE JPM INITIAL CONDITIONS AND PROVIDE CLARIFICATION AS REQUIRED. THE EVALUATOR MAY USE ANY CONTROLLED COPY REFERENCES THAT ARE NORMALLY AVAILABLE IN THE CONTROL ROOM, INCLUDING LOGS. MAKE ALL WRITTEN REPORTS, ORAL REPORTS, AND LOG ENTRIES AS IF THE EVOLUTION WAS ACTUALLY BEING PERFORMED. THE EVALUATOR WILL BE TAKING NOTES, ASK FOR CLARIFICATION OF JPM REQUIREMENTS PRIOR TO THE BEGINNING OF JPM PERFORMANCE.

INITIAL PLANT CONDITIONS

THE PLANT IS IN MODE 2 (STARTUP).

INITIATING CUE

THE SHIFT SUPERVISOR HAS ASKED YOU TO INDEPENDENTLY VERIFY THE ESTIMATED CRITICAL POSITION USING O-1.2.2 UP TO STEP 5.7.1.

## JPM PREP SHEET

JPM NO.: J001.010

TASK TO BE PERFORMED: ESTIMATED CRITICAL POSITION DETERMINATION

REFERENCE PROCEDURE(S): O-1.2.2 CRITICAL ROD POSITION CALCULATION

INITIAL PLANT CONDITIONS:

THE INSTRUCTOR IS TO PROVIDE THE STUDENT WITH A CREDIBLE PLANT STATUS FOR PERFORMING AN ESTIMATED CRITICAL ROD POSITION. THE INSTRUCTOR WILL PROVIDE THE STUDENT WITH THE NECESSARY DATA TO COMPLETE THE JPM.

REQUIRED JPM PREP: OBTAIN A BLANK COPY OF O-1.2.2. COPY DATA FROM PLANT STATUS FOR ESTIMATED CRITICAL ROD POSITION FORM SHEET 1 OR 2 TO BLANK FORM.

REQUIRED HANDOUT MATERIAL: BLANK COPY OF O-1.2.2. ENSURE AVAILABILITY OF CYCLE BOOK AND BORATION/DILUTION TABLES. PLANT STATUS FOR ESTIMATED CRITICAL ROD POSITION FORM.

AVAILABLE FOLLOW-UP QUESTIONS:

FOLLOW-UP QUESTION REFERENCES:

OTHER:

Plant Status for Estimated Critical Rod Position  
Cycle 28

Reactor power prior to beginning of shutdown (Assume steady state power for > 50 hours)	%	<u>100%</u>
Burnup	Mwd/mtu	<u>16515</u>
Rate of reactor shutdown	% time	<u>TRIP</u>
Time reactor subcritical	Date	<u>1/23/02</u>
	Time	<u>0800</u>
Last Boron sample before shutdown	Date	<u>1/23/02</u>
	Time	<u>0600</u>
	ppm	<u>114</u>
Boron/RMW added between last sample and start of shutdown	BAST ppm	<u>N/A</u>
	gal boric acid	<u>✓</u>
	gal RMW	<u>✓</u>
Rod position prior to shutdown	Bank	<u>D</u>
	Steps	<u>215</u>
Time of estimated criticality	Date	<u>1/23/02</u>
	Time	<u>2300</u>
Current boron concentration	ppm	<u>114</u>

STEP # *CRITICAL	ELEMENT	STANDARD	S/U	COMMENTS REQ'D FOR UNSAT
		<p>INITIATING CUE: THE PLANT IS IN MODE 2 (STARTUP) AND THE SHIFT SUPERVISOR HAS REQUESTED YOU TO INDEPENDENTLY VERIFY THE CRITICAL ROD POSITION USING O-1.2.2 UP TO STEP 5.7.1</p> <p>CUE: PROVIDE THE STUDENT WITH CRITICAL ROD POSITION DATA.</p>		
1	CALCULATE THE REACTIVITY DUE TO POWER DEFECT.	<p>USING THE CORRECT CURVES FOR TIME IN LIFE DETERMINE POWER DEFECT WITHIN <math>\pm 25</math> PCM.</p> <p>ACTUAL _____ PCM</p>		
2	CALCULATE THE REACTIVITY DUE TO ROD WORTH.	<p>USING CORRECT INTEGRAL ROD WORTH TABLE FOR TIME IN LIFE DETERMINE INTEGRAL ROD WORTH WITHIN <math>\pm 50</math> PCM.</p> <p>ACTUAL _____ PCM</p>		
3	CALCULATE THE REACTIVITY DUE TO XENON.	<p>USING CORRECT XENON WORTH CURVE DETERMINE REACTIVITY DUE TO THE CHANGE IN XENON WITHIN <math>\pm 250</math> PCM.</p> <p>ACTUAL _____ PCM</p>		

STEP # *CRITICAL	ELEMENT	STANDARD	S/U	COMMENTS REQ'D FOR UNSAT
4	CALCULATE THE REACTIVITY DUE TO DIFFERENTIAL BORON CONCENTRATION.	DIFFERENTIAL BORON CONCENTRATION SHOULD BE MADE WITHOUT ERROR. USING CORRECT BORON WORTH CURVE DETERMINE DIFFERENTIAL BORON WORTH TO WITHIN $\pm 0.1$ PCM/PPM. ACTUAL _____ PCM/PPM REACTIVITY ADDED DUE TO BORON CONCENTRATION CHANGE SHOULD BE MADE WITHOUT ERROR. DISCREPANCIES DUE TO ERROR CARRIED FORWARD ARE NOT CONSIDERED AN ERROR IN CALCULATION. ACTUAL _____ PCM		
5	CALCULATE THE REACTIVITY DUE TO THE CHANGE IN "EFFECTIVE SAMARIUM".	USING THE CORRECT CURVE DETERMINE THE REACTIVITY ADDED DUE TO EFFECTIVE SAMARIUM WITHIN $\pm 12.5$ PCM. ACTUAL _____ PCM		
6	CALCULATE TOTAL REACTIVITY CHANGE SINCE LAST SHUTDOWN.	TOTAL REACTIVITY CHANGE SHOULD BE WITHIN $\pm 500$ PCM. ACTUAL _____ PCM		

STEP # *CRITICAL	ELEMENT	STANDARD	S/U	COMMENTS REQ'D FOR UNSAT
*7	ESTIMATE CRITICAL ROD POSITION.	ESTIMATED CRITICAL ROD POSITION MUST BE WITHIN $\pm 500$ PCM OF ACTUAL CRITICAL ROD POSITION. MAXIMUM ROD WITHDRAWAL BANK _____ STEP _____ MAXIMUM ROD WITHDRAWAL BANK _____ STEP _____		
8.0	NOTIFY SS OF RESULTS.	NO FURTHER ACTIONS.		

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JPM COVER SHEET

JPM NO: J017.001 REV # 02 REVIEW DATE 6/10/98

JPM TITLE: DETERMINE RCS CORE EXIT SUBCOOLING WITH THE PPCS OUT OF SERVICE

LOCATION: SIMULATOR

EST. TIME TO COMPLETE: 10 MIN

DATE:

CANDIDATE:

SOC. SEC. # \_\_\_\_\_

EVALUATOR:

ACTUAL TIME REQUIRED:

EVALUATION:  
(SAT/UNSAT)

JOB LEVEL: RO SRO/STA

FOLLOW-UP QUESTION NO.:

EVALUATION:

FOLLOW-UP QUESTION NO.:

EVALUATION:

FOLLOW-UP QUESTION NO.:

EVALUATION:

COMMENTS:

CANDIDATE'S INITIAL: \_\_\_\_\_

SUBMITTED \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_



## JPM INFORMATION SHEET

JPM NO.: J017.001

### NOTE

THE EVALUATOR WILL EXPLAIN THE JPM INITIAL CONDITIONS AND PROVIDE CLARIFICATION AS REQUIRED. THE EXAMINEE MAY USE ANY CONTROLLED COPY REFERENCES THAT ARE NORMALLY AVAILABLE IN THE CONTROL ROOM, INCLUDING LOGS. MAKE ALL WRITTEN REPORTS, ORAL REPORTS, AND LOG ENTRIES AS IF THE EVOLUTION WAS ACTUALLY BEING PERFORMED. THE EVALUATOR WILL BE TAKING NOTES, ASK FOR CLARIFICATION OF JPM REQUIREMENTS PRIOR TO THE BEGINNING OF JPM PERFORMANCE.

### INITIAL PLANT CONDITIONS

THE SIMULATOR WILL BE PLACED IN A SUITABLE CONDITION FOR GIVING A STATIC EXAMINATION. DO NOT USE PPCS INDICATIONS.

THIS JPM MAY ALSO BE PERFORMED IN THE CONTROL ROOM.

### INITIATING CUE

THE SHIFT SUPERVISOR DIRECTS YOU TO DETERMINE CORE EXIT THERMOCOUPLE SUBCOOLING USING FIGURE MIN SUBCOOLING.

## JPM PREP SHEET

JPM NO.: J017.001

TASK TO BE PERFORMED: USING THE LOCAL INCORE THERMOCOUPLE PANEL AND MCB PRESSURE INDICATORS DETERMINE ACTUAL SUBCOOLING USING FIGURE MIN SUBCOOLING.

REFERENCE PROCEDURE(S): NONE

INITIAL PLANT CONDITIONS: MODES 1, 2, OR 3

REQUIRED JPM PREP: PLACE SIMULATOR IN REQUIRED IC. IF CONTROL ROOM IS USED, ENSURE PLANT IS IN REQUIRED MODE.

REQUIRED HANDOUT MATERIAL: BLANK WRITING TABLET

AVAILABLE FOLLOW-UP QUESTIONS:

FOLLOW-UP QUESTION REFERENCES:

OTHER: NONE

*CRITICAL STEP #	ELEMENT	STANDAF	S/U	
		<p>INITIATING CUE: THE SHIFT SUPERVISOR HAS DIRECTED YOU TO DETERMINE CORE EXIT THERMOCOUPLE SUBCOOLING USING FIGURE MIN SUBCOOLING. DO NOT USE PPCS.</p> <p>NOTE: STEP 1-4 MAY BE PERFORMED IN ANY ORDER.</p>		
*1	OBTAIN CORE EXIT THERMOCOUPLE TEMPERATURE FROM THE THERMOCOUPLE DISPLAY PANEL (AVERAGE TEMPERATURE).	OBTAINS AVERAGE TEMPERATURE READING FROM BOTH CET TRAINS.		
*2	OBTAIN RCS PRESSURE FROM MCB INDICATORS.	OBTAINS RCS PRESSURE FROM RCS WIDE RANGES OR NARROW RANGES (IF > 1700 PSIG).		
*3	OBTAIN FIGURE MIN SUBCOOLING.	OBTAIN FIGURE MIN SUBCOOLING FROM EOP ATTACHMENT BOOK OR FROM AN EOP.		
*4	DETERMINE IF CNMT IS ADVERSE.	CHECK CNMT PRESS < 4 PSIG. CHECK CNMT RAD < 10 <sup>5</sup> R/HR.		

*5	CALCULATE SUBCOOLING.	CALCULATES SUBCOOLING BY LOCATING MIN SUBCOOLING LINE FOR THE RCS PRESSURE AND SUBTRACTING THE TEMPERATURE FROM THE AVERAGE CORE EXIT TEMP.		
6	REPORT TO SHIFT SUPERVISOR THE ACTUAL SUBCOOLING.	CUE: NO FURTHER ACTION.		

Admin JPM  
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JPM COVER SHEET

JPM NO: J341.001 REV # 01 REVIEW DATE 4/20/95

JPM TITLE: O-6.13, DAILY PERF LOGS ATTACHMENTS

LOCATION: SIMULATOR

EST. TIME TO COMPLETE:

DATE:

CANDIDATE:

SOC. SEC. # \_\_\_\_\_

EVALUATOR:

ACTUAL TIME REQUIRED:

EVALUATION:  
(SAT/UNSAT)

FOLLOW-UP QUESTION NO.:

EVALUATION:

FOLLOW-UP QUESTION NO.:

EVALUATION:

FOLLOW-UP QUESTION NO.:

EVALUATION:

COMMENTS:

CANDIDATE'S INITIAL: \_\_\_\_\_

SUBMITTED \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_

## JPM INFORMATION SHEET

JPM NO.: J341.001

### NOTE

THE EVALUATOR WILL EXPLAIN THE JPM INITIAL CONDITIONS AND PROVIDE CLARIFICATION AS REQUIRED. THE EXAMINEE MAY USE ANY CONTROLLED COPY REFERENCES THAT ARE NORMALLY AVAILABLE IN THE CONTROL ROOM, INCLUDING LOGS. MAKE ALL WRITTEN REPORTS, ORAL REPORTS, AND LOG ENTRIES AS IF THE EVOLUTION WAS ACTUALLY BEING PERFORMED. THE EVALUATOR WILL BE TAKING NOTES, ASK FOR CLARIFICATION OF JPM REQUIREMENTS PRIOR TO THE BEGINNING OF JPM PERFORMANCE.

### INITIAL PLANT CONDITIONS

PLANT AT 100% POWER. NORMAL MONITORING

### INITIATING CUE

O-6.13 NEEDS TO BE PERFORMED. RCS TEMPERATURES IS  $\geq 200^{\circ}\text{F}$ .

"OR"

~~O-6.13 NEEDS TO BE PERFORMED. RCS TEMPERATURE IS  $< 200^{\circ}\text{F}$ .~~

## JPM PREP SHEET

JPM NO.: J341.001

TASK TO BE PERFORMED:

PERFORM O-6.13 "DAILY SURVEILLANCE LOG" *SECTION 1 "CHANNEL CHECKS  
AND INSTRUMENT VERIFICATION"*

REFERENCE PROCEDURE(S):

INITIAL PLANT CONDITIONS: 1) RCS IS  $\geq 200^{\circ}\text{F}$   
~~2) RCS IS  $\leq 200^{\circ}\text{F}$~~

REQUIRED JPM PREP:

REQUIRED HANDOUT MATERIAL: COPY OF O-6.13

AVAILABLE FOLLOW-UP QUESTIONS:

FOLLOW-UP QUESTION REFERENCES:

OTHER:

*CRITICAL STEP #	ELEMENT	STANDARD	S/U	REMARKS FOR IN
	NOTE: PRIOR TO JPM PERFORMANCE INSTRUCTOR IS TO MISALIGN ONE METER, SWITCH OR LIGHT FOR RECOGNITION BY OPERATOR.	INITIATING CUE: BEGINNING OF SHIFT AND THE O-6.13 NEEDS TO BE PERFORMED. RCS TEMP $\geq 200^{\circ}\text{F}$		
1.0	OBTAIN PROPER CONTROLLED COPY ATTACHMENT OF O-6.13	OBTAIN O-6.13 ATTACHMENT 1		
2.0	PERFORM ATTACHMENT 1 PER BODY OF PROCEDURE : <i>"CHANNEL CHECKS AND INSTRUMENT VERIFICATION"</i>			
3.0	RECOGNIZE ONE MISALIGNED ITEM OF METER, SWITCH OR LIGHT	<i>RWST LEVEL <math>&lt; 88\%</math></i>		
4.0	UPON COMPLETING ATTACHMENT 1, TERMINATE JPM <i>SECTION 1</i>	TERMINATING CUE: NO FURTHER ACTIONS REQUIRED. ATTACH COMPLETED O-6.13 ATTACHMENT 1 TO THIS JPM		
	NOTE: PRIOR TO JPM PERFORMANCE INSTRUCTOR IS TO MISALIGN ONE METER, SWITCH OR LIGHT FOR RECOGNITION BY OPERATOR.	INITIATING CUE: BEGINNING OF SHIFT AND THE O-6.13 NEEDS TO BE PERFORMED. RCS TEMP $< 200^{\circ}\text{F}$		
1.0	OBTAIN PROPER CONTROLLED COPY ATTACHMENT OF O-6.13	OBTAIN O-6.13 ATTACHMENT II		
2.0	PERFORM ATTACHMENT II PER BODY OF PROCEDURE			
3.0	RECOGNIZE ONE MISALIGNED ITEM OF METER, SWITCH OR LIGHT			
4.0	UPON COMPLETING ATTACHMENT II, TERMINATE JPM	TERMINATING CUE: NO FURTHER ACTIONS REQUIRED. ATTACH COMPLETED O-6.13 ATTACHMENT II TO THIS JPM		



## JPM COVER SHEET

JPM NO: SRO A.2 REV #      REVIEW DATE         

JPM TITLE: Verify Equipment Tagout Boundary (SRO A.2)

OPTIONS:

LOCATION: Various

EST. TIME TO COMPLETE: 15 Minutes

DATE:

CANDIDATE: SOC. SEC #                     

EVALUATOR:

ACTUAL TIME REQUIRED:

EVALUATION:  
(SAT/UNSAT)

JOB LEVEL:

FOLLOW-UP QUESTION NO.:

EVALUATION:

FOLLOW-UP QUESTION NO.:

EVALUATION:

FOLLOW-UP QUESTION NO.:

EVALUATION:

COMMENTS: CANDIDATE'S INITIAL:                     

SUBMITTED                                      DATE         

APPROVED                                      DATE

## JPM INFORMATION SHEET

JPM NO.: SRO A.2

### NOTE

THE EVALUATOR WILL EXPLAIN THE JPM INITIAL CONDITIONS AND PROVIDE CLARIFICATION AS REQUIRED. THE EXAMINEE MAY USE ANY CONTROLLED COPY REFERENCES THAT ARE NORMALLY AVAILABLE IN THE CONTROL ROOM, INCLUDING LOGS. MAKE ALL WRITTEN REPORTS, ORAL REPORTS, AND LOG ENTRIES AS IF THE EVOLUTION WAS ACTUALLY BEING PERFORMED. THE EVALUATOR WILL BE TAKING NOTES, ASK FOR CLARIFICATION OF JPM REQUIREMENTS PRIOR TO THE BEGINNING OF JPM PERFORMANCE.

### INITIAL PLANT CONDITIONS

N/A

### INITIATING CUE

Given the completed Isolated Work Area Request (A-1401, Figure 1) for isolating the Condensate Transfer Pump (PCD04), the Shift Supervisor has requested that you verify the work area boundaries before commencement of work.

## JPM PREP SHEET

JPM NO.: SRO A.2

### TASK TO BE PERFORMED:

Verify work boundary for Condensate Transfer Pump

### REFERENCE PROCEDURE(S):

A-1401, "Station Holding Rules"

### INITIAL PLANT CONDITIONS:

N/A

### REQUIRED JPM PREP:

### REQUIRED HANDOUT MATERIAL:

Completed A-1401, Figure 1, for Condensate Transfer Pump isolation. P&ID for Condensate System

### AVAILABLE FOLLOW-UP QUESTIONS:

### OTHER:

FIGURE 1

Page 1 of 3

Refer to A-1401 for Instructions

ISOLATED WORK AREA REQUEST

PART 1: MARK-UP REQUEST

ISOLATED WORK AREA: Condensate Transfer Pump (PCDD4)

VENT/DRAIN PATH REQUIRED PER SECTION 3.4: (Y) / N (CIRCLE ONE)

REASON FOR WORK: Replace Pump Seal

WORK ORDER NUMBER: 2002 NRC 001

PREPARED BY: Bills

AUTHORIZED PERSON: Weeks

REQUESTED MARK-UP DATE: \_\_\_\_\_ MARK-UP TIME: \_\_\_\_\_

STANDARD TAGOUT NO. \_\_\_\_\_ SCHEDULING APPROVAL: \_\_\_\_\_

PART 3: MARK-OFF REQUEST

TAGOUT ID NO. \_\_\_\_\_

High Voltage Test Clearance:

Authorized Person(s)	Date	Time	Marked Up

Partial Release/Mechanical Clearance:

Authorized Person(s)	Date	Time	Marked Up

Full Release:

Authorized Person(s)	Date	Time

[illegible]

III - Provide as Target request

Admin JPM  
RO A.2

JPM COVER SHEET

JPM NO: J343.004 REV # 01 REVIEW DATE 4/20/95

JPM TITLE: A-52.12, INOPERABILITY OF EQUIPMENT

LOCATION: CONTROL ROOM

EST. TIME TO COMPLETE:

DATE:

CANDIDATE:

SOC. SEC. # \_\_\_\_\_

EVALUATOR:

ACTUAL TIME REQUIRED:

EVALUATION:  
(SAT/UNSAT)

FOLLOW-UP QUESTION NO.:

EVALUATION:

FOLLOW-UP QUESTION NO.:

EVALUATION:

FOLLOW-UP QUESTION NO.:

EVALUATION:

COMMENTS:

CANDIDATE'S INITIAL: \_\_\_\_\_

SUBMITTED \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_

*Cue: Risk Assess.  
is given*

## JPM INFORMATION SHEET

JPM NO.: J343.004

### NOTE

THE EVALUATOR WILL EXPLAIN THE JPM INITIAL CONDITIONS AND PROVIDE CLARIFICATION AS REQUIRED. THE EXAMINEE MAY USE ANY CONTROLLED COPY REFERENCES THAT ARE NORMALLY AVAILABLE IN THE CONTROL ROOM, INCLUDING LOGS. MAKE ALL WRITTEN REPORTS, ORAL REPORTS, AND LOG ENTRIES AS IF THE EVOLUTION WAS ACTUALLY BEING PERFORMED. THE EVALUATOR WILL BE TAKING NOTES, ASK FOR CLARIFICATION OF JPM REQUIREMENTS PRIOR TO THE BEGINNING OF JPM PERFORMANCE.

### INITIAL PLANT CONDITIONS

PLANT IS AT 100% POWER. THE MECHANICS REQUEST THAT THE CONDENSATE TRANSFER PUMP BE HELD FOR PACKING REPLACEMENT.

### INITIATING CUE

MECHANICS REQUEST HOLDING CONDENSATE TRANSFER PUMP TO REPLACE PACKING. SHIFT SUPERVISOR APPROVES JOB AND REQUESTS THAT AN A-52.12 BE SUBMITTED.



## JPM PREP SHEET

JPM NO.: J343.004

TASK TO BE PERFORMED:

COMPLETE AN A-52.12 "INOPERABILITY OF EQUIPMENT IMPORTANT TO SAFETY"

REFERENCE PROCEDURE(S):

INITIAL PLANT CONDITIONS: 100% POWER

REQUIRED JPM PREP:

REQUIRED HANDOUT MATERIAL:

AVAILABLE FOLLOW-UP QUESTIONS:

FOLLOW-UP QUESTION REFERENCES:

OTHER:

JPM #	CRITICAL STEP #	ELEMENT	STANDARD	S/U	FOR IN
			INITIATING CUE: MECHANICS REQUEST HOLDING CONDENSATE TRANSFER PUMP TO REPLACE PACKING. SHIFT SUPERVISOR APPROVES JOB AND REQUESTS THAT AN A-52.12 BE SUBMITTED.		RISK ASSESSMENT HAS BEEN DETERMINED TO BE "GREEN"
	1.0	OBTAIN CONTROLLED COPY OF A-52.12	SAME AS ELEMENT		
	2.0	REVIEW PROCEDURE AND VERIFY APPLICABILITY	SAME AS ELEMENT		
	3.0	PROPERLY FILL IN APPROPRIATE BLANKS	SAME AS ELEMENT		
	4.0	LOG IN OFFICIAL RECORD  NOTES: USED TO TRANSFER WATER FROM HOTWELL TO CSTs (ER-AFW.1, ALTERNATE WATER SUPPLY TO AFW PUMPS)	SAME AS ELEMENT  TERMINATING CUE: NO FURTHER ACTIONS REQUIRED. ATTACH COMPLETED A-52.12 TO THIS JPM		

## JPM COVER SHEET

JPM NO: SRO A.3 REV #      REVIEW DATE         

JPM TITLE: Approve Liquid Release Form (CH-RETS-LIQ-REL, Figure V)

OPTIONS:

LOCATION: SIMULATOR

EST. TIME TO COMPLETE: 10 Minutes

DATE:

CANDIDATE: SOC. SEC #                     

EVALUATOR:

ACTUAL TIME REQUIRED:

EVALUATION:  
(SAT/UNSAT)

JOB LEVEL:

FOLLOW-UP QUESTION NO.:

EVALUATION:

FOLLOW-UP QUESTION NO.:

EVALUATION:

FOLLOW-UP QUESTION NO.:

EVALUATION:

COMMENTS: CANDIDATE'S INITIAL:                     

SUBMITTED                                      DATE         

APPROVED                                      DATE

## JPM INFORMATION SHEET

JPM NO.: SRO A.3

### NOTE

THE EVALUATOR WILL EXPLAIN THE JPM INITIAL CONDITIONS AND PROVIDE CLARIFICATION AS REQUIRED. THE EXAMINEE MAY USE ANY CONTROLLED COPY REFERENCES THAT ARE NORMALLY AVAILABLE IN THE CONTROL ROOM, INCLUDING LOGS. MAKE ALL WRITTEN REPORTS, ORAL REPORTS, AND LOG ENTRIES AS IF THE EVOLUTION WAS ACTUALLY BEING PERFORMED. THE EVALUATOR WILL BE TAKING NOTES, ASK FOR CLARIFICATION OF JPM REQUIREMENTS PRIOR TO THE BEGINNING OF JPM PERFORMANCE.

### INITIAL PLANT CONDITIONS

N/A

### INITIATING CUE

You are the Shift Supervisor and are required to review and approve a completed liquid release form (CH-RETS-LIQ-REL, "Liquid Waste Release," Figure V).

## JPM PREP SHEET

JPM NO.: SRO A.3

### TASK TO BE PERFORMED:

Review and approve Liquid Waste Release form (CH-RETS-LIQ-REL, Figure V)

### REFERENCE PROCEDURE(S):

CH-RETS-LIQ-REL, "Liquid Waste Release"

### INITIAL PLANT CONDITIONS:

N/A

### REQUIRED JPM PREP:

### REQUIRED HANDOUT MATERIAL:

Completed Liquid Waste Release form (CH-RETS-LIQ-REL, Figure 1)

### AVAILABLE FOLLOW-UP QUESTIONS:

### OTHER:

# JPM COVER SHEET

JPM NO: SRO A.4 REV #      REVIEW DATE         

JPM TITLE: Perform Event Classification

OPTIONS:

LOCATION: SIMULATOR

EST. TIME TO COMPLETE: 5 Minutes

DATE:

CANDIDATE: SOC. SEC #                     

EVALUATOR:

ACTUAL TIME REQUIRED:

EVALUATION:  
(SAT/UNSAT)

JOB LEVEL:

FOLLOW-UP QUESTION NO.:

EVALUATION:

FOLLOW-UP QUESTION NO.:

EVALUATION:

FOLLOW-UP QUESTION NO.:

EVALUATION:

COMMENTS: CANDIDATE'S INITIAL:                     

SUBMITTED                                      DATE         

APPROVED                                      DATE

## JPM INFORMATION SHEET

JPM NO.: SRO A.4

### NOTE

THE EVALUATOR WILL EXPLAIN THE JPM INITIAL CONDITIONS AND PROVIDE CLARIFICATION AS REQUIRED. THE EXAMINEE MAY USE ANY CONTROLLED COPY REFERENCES THAT ARE NORMALLY AVAILABLE IN THE CONTROL ROOM, INCLUDING LOGS. MAKE ALL WRITTEN REPORTS, ORAL REPORTS, AND LOG ENTRIES AS IF THE EVOLUTION WAS ACTUALLY BEING PERFORMED. THE EVALUATOR WILL BE TAKING NOTES, ASK FOR CLARIFICATION OF JPM REQUIREMENTS PRIOR TO THE BEGINNING OF JPM PERFORMANCE.

### INITIAL PLANT CONDITIONS

At conclusion of graded scenario

### INITIATING CUE

As Shift Supervisor, use EPIP 1.0 to classify the event which just concluded

## JPM PREP SHEET

JPM NO.: SRO A.4

### TASK TO BE PERFORMED:

Perform event classification for graded scenario

### REFERENCE PROCEDURE(S):

EPIP 1.0

### INITIAL PLANT CONDITIONS:

N/A

### REQUIRED JPM PREP:

### REQUIRED HANDOUT MATERIAL:

EPIP 1.0

### AVAILABLE FOLLOW-UP QUESTIONS:

### OTHER:



Admin JPM  
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JPM COVER SHEET

JPM NO: J085.002 REV # 01 REVIEW DATE 10/02/95

JPM TITLE: COMPLETE NEW YORK STATE RADIOLOGICAL EMERGENCY DATA  
FORM PART I INFORMATION (EPIP 1-5, ATT. 3A)

LOCATION: SIMULATOR

MAX. TIME TO COMPLETE: 15 MINUTES

DATE:

CANDIDATE: SOC. SEC. # \_\_\_\_\_

EVALUATOR:

ACTUAL TIME REQUIRED:

EVALUATION:  
(SAT/UNSAT)

JOB LEVEL: AO

FOLLOW-UP QUESTION NO.:

EVALUATION:

FOLLOW-UP QUESTION NO.:

EVALUATION:

FOLLOW-UP QUESTION NO.:

EVALUATION:

COMMENTS: CANDIDATE'S INITIAL: \_\_\_\_\_

SUBMITTED \_\_\_\_\_ DATE \_\_\_\_\_

## JPM INFORMATION SHEET

JPM NO.: J085.002

### NOTE

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### INITIAL PLANT CONDITIONS

THE PLANT WAS OPERATING AT 100% POWER AND EXPERIENCED A LOCA. THE SHIFT SUPERVISOR/EMERGENCY COORDINATOR DECLARED AN ALERT.

### INITIATING CUE

THE PLANT WAS OPERATING AT 100% POWER AND EXPERIENCED A LOCA. THE SHIFT SUPERVISOR/EMERGENCY COORDINATOR HAS JUST DECLARED AN ALERT. YOU ARE ASSIGNED TO "R" SHIFT AND THE NORMAL COMMUNICATOR IS UNAVAILABLE. YOU WERE DISPATCHED IN HIS PLACE TO COMPLETE THE NEW YORK STATE RADIOLOGICAL EMERGENCY DATA FORM PART 1 (EPIP 1-5 ATT. 3A). THIS IS A TIME CRITICAL JPM. YOU HAVE 15 MINUTES TO COMPLETE THIS TASK. START TIME \_\_\_\_\_. START WHEN EXAMINEE ACKNOWLEDGES.

## JPM PREP SHEET

JPM NO.: J085.002

### TASK TO BE PERFORMED:

COMPLETE INFORMATION FOR TRANSMITTAL OF NEW YORK STATE RADIO-  
LOGICAL EMERGENCY DATA FORM PART I

### REFERENCE PROCEDURE(S):

EPIP 1-5

EPIP 2-1

### INITIAL PLANT CONDITIONS:

100% POWER LOCA

ALERT DECLARED

### REQUIRED JPM PREP:

MALF RCS2A, B, C, OR D 1,000 GPM RUN 200 SECONDS, ACKNOWLEDGE ALARMS,  
AND FREEZE

### REQUIRED HANDOUT MATERIAL:

EPIP 1-5

EPIP 2-1

### AVAILABLE FOLLOW-UP QUESTIONS:

J085.002 A, B

### FOLLOW-UP QUESTION REFERENCES:

NUREG 0654

### OTHER:

*CRITICAL STEP #	ELEMENT	STANDARD	S/U	REMARKS FOR INQUIRY
		INITIATING CUE: THE PLANT WAS OPERATING AT 100% POWER AND EXPERIENCED A LOCA. THE SHIFT SUPERVISOR/EMERGENCY COORDINATOR HAS JUST DECLARED AN ALERT. THE AO COMMUNICATOR WAS INJURED AND YOU WERE DISPATCHED IN HIS PLACE. THIS IS A TIME CRITICAL JPM. YOU HAVE 15 MINUTES TO COMPLETE THE JPM. START TIME ____ . START WHEN EXAMINEE ACKNOWLEDGES.		
1.0	OBTAIN A CONTROLLED COPY OF EPIP 1-5.	SAME AS ELEMENT  NOTE: STEP 1 DOES NOT NEED TO BE FILLED OUT UNTIL MESSAGE SENT.		
2.0	CIRCLE A OF STEP 2.	SAME AS ELEMENT		
3.0	CIRCLE C OF STEP 3.	SAME AS ELEMENT  NOTE: NOT REQUIRED IF FORM IS SPECIFIC TO GINNA		
*4.0	CIRCLE B OF STEP 4.	SAME AS ELEMENT		
5.0	ENTER DATE AND TIME STEP 5.	CUE: EVALUATOR SHOULD PROVIDE THIS INFORMATION.		
6.0	CIRCLE A OF STEP 6	SAME AS ELEMENT		
7.0	CIRCLE A OF STEP 7	SAME AS ELEMENT		
8.0	ENTER EVENT DESCRIPTION FOR STEP 8.	SAME AS ELEMENT  CUE: THE EVENT WAS LOCA IDENTIFIED INSIDE CONTAINMENT AND PRIMARY LEAKAGE GREATER THAN 46 GPM. EAL #3.1.2		
9.0	CIRCLE A OF STEP 9.	SAME AS ELEMENT - CUE A		
10.0	FILL IN DATE AND TIME. STEP 10.	CUE: USE TODAY'S DATE AND ~20 MINUTES AGO.		
11.0	FILL IN WIND SPEED ON STEP 11.	SAME AS ELEMENT - CUE: PROVIDE OR HAVE STUDENT LOOK AT PANEL OR PPCS		

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12.0	FILL IN WIND DIRECTION, STEP 12.	SHOULD REFERENCE EPIP 2-1 OR CUE. PROVIDE OR HAVE STUDENT LOOK AT PANEL OR PPCS.		
13.0	CIRCLE STABILITY CLASS OF STEP 13.	PROVIDE OR HAVE STUDENT DETERMINE.		
14.0	FILL IN STEP 14.	SAME AS ELEMENT		
15.0	SS REVIEW.	CUE: FORM IS APPROVED BY THE SS		
*16.0	START TO USE RECS LINE.	CUE: NO FURTHER ACTION TIME COMPLETED _____		

**NEW YORK STATE RADIOLOGICAL EMERGENCY DATA FORM (PART I)**

RECS message number \_\_\_\_\_

"This is Ginna Station. Please stand by for roll call." "New York State" ☐ "Monroe County" ☐ "Wayne County" ☐

1. Message transmitted at: Date _____ Time _____ Via: A. RECS B. Other _____		2. This is: <input checked="" type="radio"/> (A) NOT an exercise B. An exercise	
3. Facility providing information: <input checked="" type="radio"/> (C) Ginna			
4. Classification: <input type="checkbox"/> check box if information has changed X A. UNUSUAL EVENT C. SITE AREA EMERGENCY E. EMERGENCY TERMINATED B. ALERT D. GENERAL EMERGENCY F. RECOVERY			
5. Classification Time: <input type="checkbox"/> check box if information has changed X This Emergency Classification declared at: Date _____ Time _____ <i>Time JPM started.</i>			
6. Release of Radioactive Materials due to the Classified Event: <input type="checkbox"/> check box if information has changed A. No Release B. Release BELOW federally approved operating limits (technical specifications) <input type="checkbox"/> to atmosphere <input type="checkbox"/> to water C. Release ABOVE federally approved operating limits (technical specifications) <input type="checkbox"/> to atmosphere <input type="checkbox"/> to water D. Unmonitored release requiring evaluation			
7. Protective Action RECOMMENDATIONS: (Refer to EPIP 2-1) <input type="checkbox"/> check box if information has changed <input checked="" type="radio"/> (A) No need for Protective Actions outside the site boundary B. Evacuate the following ERPAs W1 W2 W3 W4 W5 W6 W7 M1 M2 M3 M4 M5 M6 M7 M8 M9 C. Shelter all remaining ERPAs			
8. Brief Event Description: <input type="checkbox"/> check box if information has changed X EAL # _____ <i>From Classification</i>			
9. Plant Status: <input type="checkbox"/> check box if information has changed X <input checked="" type="radio"/> (A) Stable C. Degrading E. Cold Shutdown B. Improving D. Hot Shutdown		10. Reactor Shutdown: (subcritical) <input type="checkbox"/> check box if information has changed A. Not Applicable B. Date _____ Time _____	
11. Wind Speed: <input type="checkbox"/> check box if information has changed A. _____ Miles/hour at elevation _____ feet		12. Wind Direction: <input type="checkbox"/> check box if information has changed From: _____ degrees at elevation _____ feet	
13. Stability Class: <input type="checkbox"/> check box if information has changed Unstable, Neutral, Stable	<b>DO NOT REPORT</b> Stability Class Work Sheet Temperature at 250 feet _____ °F Temperature at 33 feet _____ °F Temperature Difference _____ °F -1.74 -0.65 Unstable   Neutral   Stable -3 -2 -1 0 1 Temperature Difference		14. Reported By: Name _____ Area Code _____ Number _____

"New York State copy?" ☐ "Monroe County copy?" ☐ "Wayne County copy?" ☐

**FOR RG&E USE ONLY:**

Time Prepared: \_\_\_\_\_  
Prepared By: \_\_\_\_\_

Time Approved: \_\_\_\_\_  
Approved By: \_\_\_\_\_

Completed form sent  
to EP - Ginna Training \_\_\_\_\_