INITIAL SUBMITTAL OF THE ADMINISTRATIVE JPMS FOR THE PERRY INITIAL EXAMINATION - MARCH 2002

Appendix C Job Performance Measure Form ES-C-1 Worksheet

Facility:

Perry

Task No:

299-933-03-01

Task Title:

Complete a Reactor Operator Relief/Turnover Checklist as the

On-Coming Reactor Operator

JPM No:

2002 NRC A1a RO

K/A Reference:

2.1.3

Examinee:

NRC Examiner:

Facility Evaluator: N/A

Date:

Method of testing

Simulated

Actual

In Simulator

Performance

Performance

Classroom

Simulator

Plant

READ TO THE EXAMINEE

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this Job Performance Measure will be satisfied.

Initial Conditions:

The plant is operating at 100% power. You are the on-coming Day Shift Reactor Operator. You have completed Section A of the Reactor Operator Relief/Turnover Checklist with the exception of the Control

Room Horseshoe Panel Walkdown.

Task Standard:

Reactor Operator Relief/Turnover Checklist is correctly performed.

Required Materials:

PAP-0126, Attachment 3 (attached marked up copy)

Simulator IC Setup Sheet (attached)

General References:

PAP-0126, Shift Staffing and Shift Relief, Rev. 2, PIC 2

Initiating Cue:

Complete the Reactor Operator Relief/Turnover Checklist by performing the Control Room Horseshoe Panel Walkdown in

accordance with PAP-0126.

Time Critical Task:

NO

Validation Time:

45 minutes

Appendix C

Page 2 of 4 PERFORMANCE INFORMATION

Form ES-C-1

(Denote Critical Steps with an asterisk)

The sequence of steps is unimportant.

* Performance Step:

P601

Walkdown Control Room Horseshoe observing items such as active

annunciators, status lights, train alignments, control board tags, and

various parameters.

Standard:

Candidate identifies RCIC is out of service and is not listed on the

RO Relief/Turnover Checklist.

Comment:

Cue: The off-going Unit Supervisor will investigate. Continue

panel walkdown.

* Performance Step:

P680

Walkdown Control Room Horseshoe observing items such as active

annunciators, status lights, train alignments, control board tags, and

various parameters.

Standard: Candidate identifies Pressure Regulator B is the in-service Pressure

Regulator. Determines in-service Pressure Regulator was incorrectly

annotated on the Reactor Operator Relief/Turnover Checklist.

Comment:

Cue: Off-going Unit Supervisor will discuss with the off-going

Reactor Operator and contact I&C if necessary.

Terminating Cue:

The evaluation for this JPM is complete when the candidate completes the Control Room Horseshoe Panel walkdown for panels P680 and P601.

Appendix C	Page 3 of 4 VERIFICATION OF COMPLETION	Form ES-C-1
Job Performance Measure No.	2002 NRC Ala RO	
Examinee's Name:		
Examiner's Name:		
Date Performed:		
Facility Evaluator:	<u>N/A</u>	
Number of Attempts:		
Time to complete:		
Question Documentation:		
Question:		
Response:		
Result:	SAT OR UNSAT	
Examiner's Signature and Date		

Appendix C	Page 4 of 4 JPM CUE SHEET	Form ES-C-1
INITIAL CONDITIONS:	The plant is operating at 100% power. You are the Reactor Operator. You have completed Section A Relief/Turnover Checklist with the exception of the Horseshoe Panel Walkdown.	A of the Reactor Operator

Complete the Reactor Operator Relief/Turnover Checklist by performing the Control Room Horseshoe Panel Walkdown in accordance with INITIATING CUE:

PAP-0126.

PNPP No. 8290 Rev. 4/23/01	RO RELIEF/108			D.D. 0.400
		Page 1 of	2	PAP-0126
<u>Section A:</u> Date: 03-XX-02	1		Madada 4	4000/ 0750 BBB##
Date: <u>03-XX-02</u>	<u>.</u>		Mode: 1	100% 3758 MWth
		• • • •		
Shift: 🔀 Day	Afternoon	Night		
			E .	RRA:
Donforms the fallowing	(eff male a DO)		□ NI-0 □ BOI	I I
Perform the following		.1.1	□ BOI	
Test Annunciators	Update Annunciator trac	cking Log	□ RW	
Discuss the following	<u>.</u>			•
				
	ice/Maintenance in progress:	BOLD = NEW	♦ = ALCO ♣ =	= ODCM
C51 All OPRM's ◆				
E22A HPCS Pump ◆				
G36 Demin A		. <u></u>		
P52 Unit 1 IA Compressor				
C85 1B Press Regulator				
P61 A feed Pump P61 A boiler fan flow switch				
P54 A007 Tank # 7 (MLO)				
F34 A007 Tallk # 7 (IVILO)				
	ompleted / I/P – In Progress /	P – Planned / D – Dis	scuss / H Hold	/ A – Aborted)
	s Shift		Previous	Shift
P - I&C troubleshooting 1C85				nd Valve Operability
P - G36 A F/D Backwash and pre			2 Aux Boiler fuel	
P – Prepare for FIN Work on N23	3 H Filter (Days)		learance removal f	
			Perry – East Lake	
		Demister c		ecured status to support
		Demister C	nange.	
		D M - 11 - 1	Ongo	
		D - Monitoring	Rectifiers for leaf	kage (camera is in place)
			······································	
		-		
		<u></u>		
Review/perform the fo	llowing:			
		S Status Board	\square	Active LCO Status
□ DLCO Tracking Sheel □ DLCO Tr	<u>=</u>		_	
	= '	& Standing Instruction		Active Annunciators
	_	rol Room Walkdown hoe and Back Panels		Tech Spec Rounds
raid dole dyninieny	(1701565	THE ATTAINED AND LATERS	',	

RO RELIEF/TURNOVER CHECKLIST Page 2 of 2

PNPP No. 8290 Rev. 4/23/01

PAP-0126

Review/Discuss the following:			
Controlling IOI's: 3 / 15.			
	ent operating conditions)		
DW Press (≤0.5 psig)	s (≤0.5 psig)		
	(60° - 95° F)		
Cooling Tower Status: ⊠Normal ☐ Bypass Blowdown in Manual: Full Open	Central Deicing Shutdown		
	eneral information		
RFBP C Motor Thrust Bearing Monitor at 180 / Shift at 185° RFBP B Stator Temp High / Contact RSE at 245° S/D 250°			
KPBP B Stator Temp High? Contact RSE at 245° 5/D 250°			
P45-F068A packing leak (RHR A pump room sump)	Contact SE if any Turbine Differential Expansion Alarms		
M35 Plenum drains aligned to Rad waste due to tritium			
N23 C and H can not backwash due to valve problems			
3.6:1.3 (3.6.5.3) Valve(s) ◆	Compensating Action ◆		
Section B:			
Control Room PER's and Tech Spec Rour	nds		
SCC Informati	ion / SCC Phone Numbers		
Schedule 8-836-9867			
Conversion Economics: 8-820-1450 or 1-	-330-252-1450		
□ Generation for power changes 8-820-1471 or 1-330-252-1471			
For Voltage/Var. 1-330-336-9803 or 8-836-9868 or 1-330-336-9867			
About Quincy Sub 8-836-9860			
Dispatcher / Oscillograph / N71 Lights- 8-8			
Switching Orders 8-836-9863			
Bulk Power: 1-216-642-7400			
North Region Dispatch (1-800-589-9111)	(Pole problems)		
Off-going RO:	On-coming RO:		

ANNUNCIATOR TRACKING LOG

Panel	Sec	Loc	Description of Annunciator from Panel	Reason for Activation of Annunciator	Ref Doc	Activation Date	Expected De- Activation Date	Owner
1H13- P680	1A	A-02	RWCU F/D OUT COND HI/FAILED	Monitor Failed WO 02-357 Status Work Complete	RT 75905	2/11/02	4/30/02	FIN
1H13- P680	7A	E-11	INST AIR COMP TRBL	Local Panel Power Turned Off Due to A/C in Secured Status For Demister Change	WO 02-148	2/28/02	5/30/02	FIN
1H13- P601	16 A	D-04	HPCS OUT OF SERVICE	Pump Breaker Maintenance	WO 02-419	3/04/02	3/18/02	EMM

Appendix C Job Performance Measure Form ES-C-1 Worksheet

Facility:

Perry

Task No:

202-517-02-01

Task Title:

Determine Jet Pump

JPM No:

2002 NRC A1b RO

K/A Reference:

2.1.7

Operability

Examinee:

NRC Examiner:

Facility Evaluator: N/A

Date:

Method of testing

Simulated

N/A

Actual

In Simulator

Performance

Performance

Plant

Classroom

Simulator

READ TO THE EXAMINEE

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this Job Performance Measure will be satisfied.

Initial Conditions: The plant is operating at 73% power. SVI-B33-T1160, Jet Pump

Operability Surveillance, was in progress when the Reactor Operator performing the surveillance had to leave the site unexpectedly 5 minutes ago. Sections 5.1.1 and 5.1.2 of SVI-B33-T1160 were completed prior to his departure. ICS is not available to support

performance of SVI-B33-T1160.

Task Standard: Jet Pump Operability Surveillance is correctly performed.

Required Materials: SVI-B33-T1160, Rev 4, PIC 2 (attached marked up copy)

PDB-A0009

Simulator IC Setup Sheet (attached)

Calculator

General References: SVI-B33-T1160, Rev 4, PIC 2

Initiating Cue: The Unit Supervisor directs you, as the Reactor Operator, to complete

> the Jet Pump Operability Surveillance by performing Section 5.1.3.1, Jet Pump Differential Pressure and Flow, and evaluate the Technical

Specification acceptance criteria of SVI-B33-T1160.

Time Critical Task: NO

Validation Time: 30 minutes

Appendix C	Page 2 of 8	Form ES-C-1
	PERFORMANCE INFORMATION	

(Denote Critical Steps with an asterisk)

* Performance Step: 5.1.3.1.a

Jet Pump Differential Pressure and Flow.

NOTE 1:

It is not necessary to satisfy both Section 5.1.3.1 and Section 5.1.3.2. The preferred method is contained in Section 5.1.3.1. The unnecessary section may

be marked N/A.

NOTE 2:

For single loop operation, the spaces in this section may be marked N/A for the idle loop.

Determine each normalized jet pump diffuser to lower plenum differential pressure for each operating recirculation loop, and indicate the method used.

> • If using ERIS, attach a copy of the screen that is appropriate for the recirculation loop configuration indicated in Step 4.3 (e.g., 156 for dual loop operation); otherwise, complete Attachment 3, Normalized Jet Pump dP's Data Sheet.

Standard:

Completes Attachment 3, Normalized Jet Pump dP's Data Sheet.

Comment:

Cue: Perform the preferred section of the procedure.

The following steps are contained in SVI-B33-T1160 Attachment 3, Normalized Jet Pump dPs Data Sheet.

Performance Step: 1 Record each Jet Pump diffuser to lower plenum dP (%).

Standard:

Jet Pump diffuser to lower plenum dP's accurately recorded.

Comment:

See attached marked-up copy of Attachment 3 for expected

approximate values.

Appendix C	Page 3 of 8	Form ES-C-1
	PERFORMANCE INFORMATION	

* Performance Step: 2 Sum all Jet Pump dPs for each loop, and record as Loop Total dP.

Standard: Jet Pump dP's accurately summed.

Comment: See attached marked-up copy of Attachment 3 for expected

approximate values.

* Performance Step: 3 Divide each Loop Total dP by 10 and record as Loop Average dP.

Standard: Jet Pump Loop Average dP's accurately calculated.

Comment: See attached marked-up copy of Attachment 3 for expected

approximate values.

* Performance Step: 4 Divide each Jet Pump dP by its Loop Average dP, and record as

Normalized Jet Pump dP.

Standard: Normalized Jet Pump dP's accurately calculated.

Comment: See attached marked-up copy of Attachment 3 for expected

approximate normalized values.

Performance Step: 5 All calculations independently verified.

Standard: Independent verification of all calculations is requested.

Comment: Cue: Independent verification of all calculations completed

satisfactorily.

Performance Step: 6 Confirm that each normalized jet pump diffuser to lower plenum

differential pressure as determined in Step 4 of this attachment is within the corresponding Normalized dP Range of <PDB-A0009> for the Recirculation Loop configuration indicated in Step 4.3

Standard: Determines that each normalized jet pump diffuser to lower plenum

differential pressure as determined in Step 4 of this attachment is

NOT within the corresponding Normalized dP Range.

Comment: See attached marked-up copy of Attachment 3 for expected

approximate values of each normalized jet pump diffuser to lower

plenum differential pressure.

The following steps are contained in SVI-B33-T1160 Section 5.1.3, Jet Pump Differential Pressure, and in Section 5.3, Acceptance Criteria.

* Performance Step: 5.1.3.1.b

Indicate whether the relationship determined in Step 5.1.3.1.a is within the appropriate "established pattern."

If using ERIS, observe NORMAL indication for the JET PUMP DPS; otherwise, refer to Step 6 on Attachment 3.

Standard: Determines that relationship determined in Step 5.1.3.1.a is NOT

within the appropriate "established pattern" by referring to step 6 of

Cue: If asked, it is not necessary to perform Section 5.1.3.2.

Attachment 3.

Not applicable.

Comment: ERIS is unavailable.

Performance Step: Jet Pump Differential Flow.

5.1.3.2

Standard:

Comment:

* Performance Step: 5.3.1

Acceptance Criteria

NOTE 1:

Satisfactory completion of this surveillance shall be based only on Technical Specification items (marked with a \$ sign).

The jet pumps, in each <u>operating</u> recirculation loop, have been demonstrated OPERABLE by one of the following two methods:

- a. At least two of the following three criteria have been satisfied:
 - 1) Recirculation loop drive flow versus flow control valve position differs by ≤ 10% from established patterns. (YES in Step 5.1.1.2)
 - 2) Recirculation loop drive flow versus total core flow differs by ≤ 10% from established patterns. (YES in Step 5.1.2.2)
 - 3) Either each jet pump diffuser to lower plenum differential pressure differs by ≤ 20% from established patterns, or each jet pump flow differs by ≤ 10% from established patterns. (YES in either Step 5.1.3.1.b or Step 5.1.3.2.b)
- b. While baselining the new "established patterns," the Shift Technical Advisor (STA), or the Responsible System Engineer (RSE), or a Reactor Engineer (RE) has reviewed the surveillance results and has determined, based upon engineering judgment, that no significant abnormality exists that could indicate a jet pump failure.

Standard:

Determines that two of the following three criteria of step "a" have been satisfied and acceptance criteria have been satisfied.

Determines that that jet pump diffuser to lower plenum differential pressure DOES differ by >20% from established patterns and informs the Unit Supervisor that significant abnormalities exist which could indicate a Jet Pump failure.

Comment:

Cue: We are not baselining new established patterns.

Appendix C	Page 6 of 8	Form ES-C-1
	PERFORMANCE INFORMATION	

Terminating Cue:

The evaluation for this JPM is complete when the candidate determines the Jet Pump Operability Surveillance acceptance criteria have been satisfied and informs the Unit Supervisor that significant abnormalities exist which could indicate a Jet Pump failure.

Appendix C	Page 7 of 8 VERIFICATION OF COMPLETION	Form ES-C-1
Job Performance Measure No.	2002 NRC A1b RO	
Examinee's Name:		
Examiner's Name:		
Date Performed:		
Facility Evaluator:	<u>N/A</u>	
Number of Attempts:		
Time to complete:		
Question Documentation:		
Question:		
Response:		
Result:	SAT OR UNSAT	
Examiner's Signature and Date		

Appendix C	Page 8 of 8 JPM CUE SHEET	Form ES-C-1
INITIAL CONDITIONS:	The plant is operating at 80% power. SVI-B33-T12 Operability Surveillance, was in progress when the performing the surveillance had to leave the site un 5.1.1 and 5.1.2 of SVI-B33-T1160 were completed ICS is <u>not</u> available to support performance of SVI-	Reactor Operator expectedly. Sections prior to his departure.

INITIATING CUE: The Unit Supervisor directs you, as the Reactor Operator, to complete the Jet Pump Operability Surveillance by performing section 5.1.3, Jet Pump Differential Pressure and Flow, and evaluate the Technical Specification acceptance criteria of SVI-B33-T1160.

Appendix C Job Performance Measure Form ES-C-1 Worksheet

Facility:

Perry

Task No:

299-925-03-01

Task Title:

Determine Isolation Boundaries

for Equipment Tagging

JPM No:

2002 NRC RO A2

K/A Reference:

2.2.13

Examinee:

NRC Examiner:

Facility Evaluator: N/A

Date:

Method of testing

Simulated

Actual

Class / Simulator

Performance

Performance

Classroom

Simulator

Plant

READ TO THE EXAMINEE

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this Job Performance Measure will be satisfied.

Initial Conditions:

It is 0400 on Saturday morning. Reactor Feed Booster Pump B (1N27-C001B) experienced high vibration followed by pump seal failure. The pump has been shutdown in accordance with SOI-N27, Section 6.8. In addition, 1P12-F606B is closed and tagged, under OPS Admin Control, to isolate seal water to the RFBP.

Task Standard:

Isolation boundaries are correctly determined.

Required Materials:

P&ID 302-0081-0000-LL

Electrical Drawing B-208-149 sheets 04, 08, and 44

General References:

P&ID 302-0081-0000-LL

Electrical Drawing B-208-149 sheets 04, 08, and 44

PAP-1401, Tagging/Clearances

Initiating Cue:

The Unit Supervisor directs you, as the Reactor Operator, to identify all of the components required for a Clearance that will isolate Reactor Feed Booster Pump B (N27-C0001B). Clearance paperwork is not

required to be generated.

Time Critical Task:

NO

Validation Time:

20 minutes

Appendix C	Page 2 of 5	Form ES-C-1
. ipponum e	1 450 2 01 3	I OIIII LB-C-I
	PERFORMANCE INFORMATION	

(Denote Critical Steps with an asterisk)

Evaluator Note: 1. The candidate may determine isolation boundaries in any order.

- 2. The candidate is <u>not</u> required to identify P44 motor cooling water isolation valves 1P44-F624B and 1P44-F625B.
- 3. The candidate is <u>not</u> required to identify 1N27-F670B, 1N27-F741B, or 1N27-F592B since they are vent or drain valves located within the isolation boundaries.

* Performance Step:

Close and tag 1N27-F050B, RFBP B Discharge Valve.

Standard:

Identify 1N27-F050B to be closed and tagged.

Comment:

Feedwater P&ID 302-0081-0000-LL.

* Performance Step:

Close and tag 1N27-F015B, RFBP B Suction Isolation Valve.

Standard:

Identify 1N27-F015B to be closed and tagged.

Comment:

Feedwater P&ID 302-0081-0000-LL.

* Performance Step:

Close and tag 1N27-F503B, RFBP B Casing Warmup Isolation

Valve.

Standard:

Identify 1N27-F503B to be closed and tagged.

Comment:

Feedwater P&ID 302-0081-0000-LL

Appendix C Page 3 of 5 Form ES-C-1
PERFORMANCE INFORMATION

* Performance Step: Tag control switch and open and tag breaker disconnect for

1N27-F050B, RFBP B Discharge Valve.

Standard: Identify Control Switch (S66) to be tagged and breaker disconnect

(FIB06 Comp W) to be opened and tagged.

Comment: Electrical Drawing B-208-149 sh. 08

* Performance Step: Tag control switch, and open and tag breaker disconnect for

1N27-F015B, RFBP B Suction Isolation Valve.

Standard: Identify Control Switch (S72) to be tagged and breaker disconnect

(FIB06 Comp U) to be opened and tagged.

Comment: Electrical Drawing B-208-149 sh 44

* Performance Step: Tag RFBP B control switch and rack out and tag RFBP B breaker

H1208.

Standard: Identify Control Switch (S3) to be tagged and breaker H1208 to be

racked out and tagged.

Comment: Electrical Drawing B-208-149 sh 04

Terminating Cue:

The evaluation for this JPM is complete when the candidate has identified the required isolation boundaries

Appendix C	Page 4 of 5 VERIFICATION OF COMPLETION	Form ES-C-1
Job Performance Measure No.	2002 NRC RO A2	
Examinee's Name:		
Examiner's Name:		
Date Performed:		
Facility Evaluator:	<u>N/A</u>	
Number of Attempts:		
Time to complete:		
Question Documentation:		
Question:		
Response:		
Result:	SAT OR UNSAT	
Examiner's Signature and Date	e:	

Appendix C	Page 5 of 5 JPM CUE SHEET	Form ES-C-1
INITIAL CONDITIONS:	It is 0400 on Saturday morning. Reactor Feed Boo (1N27-C001B) experienced high vibration follower. The pump has been shutdown in accordance with Saddition, 1P12-F606B is closed and tagged, under cisolate seal water to the RFBP.	d by pump seal failure. SOI-N27, Section 6.8. In

The Unit Supervisor directs you, as the Reactor Operator, to identify all of the components required for a Clearance that will isolate Reactor Feed Booster Pump B (N27-C0001B). Clearance paperwork is <u>not</u> required to be INITIATING CUE:

generated.

Appendix C Job Performance Measure Form ES-C-1
Worksheet

Facility: Perry Task No: 299-848-01-01

Task Title:Verify RWP Task Requirements
and Perform Action forJPM No:2002 NRC A3RO/SRO

and Perform Action for
Personnel Contamination

Personnel Contamination

K/A Reference: 2.3.1

Examinee: NRC Examiner:

Facility N/A Date: Evaluator:

Method of testing

Simulated In-Plant Actual

Performance Performance

Classroom Simulator Plant

READ TO THE EXAMINEE

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this Job Performance Measure will be satisfied.

Initial Conditions: PEI-B13, RPV Control (Non-ATWS) has been entered. As an In-Plant

Operator, you will be directed to assist the Control Room with the performance of PEI-SPI 4.2, RHR Loop B Containment Flood starting

at Step 2.5.

Task Standard: The appropriate RWP for the assigned task is correctly identified and

the correct actions are identified when an individual is determined to be

contaminated.

Required Materials: Radiation Work Permits and Survey Maps (attached marked up copy))

Personnel Contamination Monitor (PCM)

General References: PNPP Radiation Worker Training Information Manual

Initiating Cue: Using the attached Radiation Work Permits (RWPs) and Survey Maps,

determine the appropriate Radiation Work Permit (RWP) for the

performance of PEI-SPI 4.2 in the plant.

Time Critical Task: NO

Validation Time: 12 minutes

Appendix C	Page 2 of 5	Form ES-C-1
	PERFORMANCE INFORMATION	

(Denote Critical Steps with an asterisk)

This JPM is conducted in association with JPM P2. This JPM can begin prior to entering the Radiologically Controlled Area (RCA) or it can be conducted inside the RCA.

After giving the Initiating Cue for this JPM, provide the candidate with the copies of the four Radiation Work Permits and Survey Maps.

* Performance Step: 1 Using the Radiation Work Permits and the Survey Maps that are

provided, determine the appropriate Radiation Work Permit for the

task.

Standard: Selects RWP # 010300, which allows entry into High Radiation

Areas, Radiation Areas, and Contaminated areas only.

Candidate should recognize that the other three RWPs are not

appropriate for the assigned task.

Comment: Cue: After the candidate selects an RWP, acknowledge the

candidate's choice and then direct the candidate to follow normal radiological practices and procedures when entering the

RCA.

After the completion of Step 1, suspend performance of this task and proceed to JPM P2.

When that portion of JPM P2 is completed inside the RCA and the candidate exits the RCA (begins to frisk or use the PCM), then continue with Step 2 of this JPM.

* Performance Step: 2 Frisks or uses PCM to determine contamination is not present.

Standard: Repeats frisk or re-enters PCM when contamination is detected.

Comment: Cue: PCM/Frisker alarms indicating your face is contaminated.

Appendix C	Page 3 of 5	Form ES-C-1
	PERFORMANCE INFORMATION	

* Performance Step: Repeats frisk or re-enters PCM to verify presence of contamination.

Standard:

- Informs Health Physics that face is contaminated and waits for further guidance.
- Ensures not to spread contamination while contacting HP

Comment:

Cue: PCM/Frisker alarms indicating your face is contaminated.

Cue: When the candidate has specified the correct actions to perform, then inform the candidate that he has been successfully de-contaminated.

Note: Cue the candidate to continue with the remainder of JPM P2 at this time.

Terminating Cue:

The evaluation for this JPM is complete when the candidate contacts HP for guidance on personnel contamination,

Appendix C	Page 4 of 5 VERIFICATION OF COMPLETION	Form ES-C-1
Job Performance Measure No.	2002 NRC A3 RO/SRO	
Examinee's Name:		
Examiner's Name:		
Date Performed:		
Facility Evaluator:	<u>N/A</u>	
Number of Attempts:		
Time to complete:		
Question Documentation:		
Question:		
Response:		
Result:	SAT OR UNSAT	
Examiner's Signature and Dat	e:	

Appendix C	Page 5 of 5 JPM CUE SHEET	Form ES-C-1
INITIAL CONDITIONS:	PEI-B13, RPV Control (Non-ATWS) has been en operator, you will be directed to assist the Control performance of PEI-SPI 4.2, RHR Loop B Cont Step 2.5.	rol Room with the

INITIATING CUE: Using the attached Radiation Work Permits (RWPs) and Survey Maps, determine the appropriate Radiation Work Permit (RWP) for the performance of PEI-SPI 4.2 in the plant.

Appendix C Job Performance Measure Form ES-C-1 Worksheet

Facility:

Perry

Task No:

N/A

Task Title:

Perform Site Accountability

Actions from Outside Control

Room

JPM No:

2002 NRC A4 RO

K/A Reference:

294001 A1.16

Examinee:

Evaluator:

NRC Examiner:

Facility

N/A

Date:

Method of testing

Simulated

Plant

Actual

N/A

Performance

Performance

Classroom

Simulator

Plant

READ TO THE EXAMINEE

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this Job Performance Measure will be satisfied.

Initial Conditions:

You are the Operations Foreman observing a Non-Licensed Operator

performing the Nuclear Island-RRA Rounds in the plant.

You have just heard the Shift Manager announce over the PA that a Site Area Emergency has been declared and Site Accountability is

required.

Task Standard:

Candidate must go to either the OSC accountability card reader located in the TSC hallway or the Control Room accountability card readers (Unit 1 or 2 located just inside the Control Room doors) and simulate inserting his keycard into the card reader. This action is required to be complete within 30 minutes of announcing site accountability.

Required Materials:

None

General References:

EPI-B5, Rev 6, PIC 6

Initiating Cue:

As the Operations Foreman currently located in the plant, demonstrate the actions that you are required to perform in order to complete Site

Accountability.

Time Critical Task:

Yes

30 minutes

Validation Time:

5 minutes

Appendix C	Page 2 of 5	Form ES-C-1
rippendix	1 age 2 of 3	10111 L3-C-1
	PERFORMANCE INFORMATION	

(Denote Critical Steps with an asterisk)

* Performance Step: 1 Locates either the OSC accountability card reader in the TSC

hallway (Service Building 605') or the Unit 1 or Unit 2 Control

Room card reader just inside the Control Room doors.

Standard: Candidate locates either the OSC accountability card reader in the

TSC hallway (Service Building 605') or the Unit 1 or Unit 2 Control

Room accountability card reader just inside the Control Room doors.

Comment: Note: Alternate method to satisfy Critical Steps 1 and 2 is to

contact the Control Room and have the Shift Manager submit

his name and badge number to Security for accountability.

Performance Step: 2 Insert and then withdraw keycard into one of the designated

accountability card readers.

Standard: Inserts (simulates) and then withdraws keycard into one of the

designated accountability card readers.

Comment: Cue: The red light has blinked on the accountability card

reader.

Note: The time critical portion of the JPM is completed at the

completion of Step 2. Step 2 must be completed within 30

minutes.

Note: Performance Step 3 is in a question format and requires

and Evaluator Cue.

Appendix C Page 3 of 5 Form ES-C-1
PERFORMANCE INFORMATION

Evaluator Cue: State the maximum time that you are allowed to complete your Site Accountability actions.

* Performance Step: 3 State the maximum time that you are allowed to complete your Site

Accountability actions.

Standard: States that the time required to complete Site Accountability actions

is 30 minutes from the time the Site Accountability is initiated.

Comment:

Terminating Cue:

The evaluation for this JPM is complete when the candidate completes actions to demonstrate Site Accountability and states the time required to complete Site Accountability.

Appendix C	Page 4 of 5 VERIFICATION OF COMPLETION	Form ES-C-1
Job Performance Measure No.	2002 NRC A4 RO	
Examinee's Name:		
Examiner's Name:		
Date Performed:		
Facility Evaluator:	<u>N/A</u>	
Number of Attempts:		
Time to complete:		
Question Documentation:		
Question:		
Response:		
Result:	SAT OR UNSAT	
Evaminer's Signature and Dat	e.	

Appendix C	Page 5 of 5 JPM CUE SHEET	Form ES-C-1
INITIAL CONDITIONS:	You are the Operations Foreman observing a Non-I performing the Nuclear Island-RRA Rounds in the	
	You have just heard the Shift Manager announce of Area Emergency has been declared and Site Account	ver the PA that a Site ntability is required.

INITIATING CUE: As the Operations Foreman currently located in the plant, demonstrate the actions that you are required to perform in order to complete Site

Accountability.

Appendix C Job Performance Measure Form ES-C-1
Worksheet

Facility:

Perry

Task No:

299-933-03-01

Task Title:

Complete a Unit Supervisor Relief/Turnover Checklist as the

JPM No:

2002 NRC A1a SRO

On-Coming Unit Supervisor

K/A Reference:

2.1.3

Examinee:

NRC Examiner:

Facility
Evaluator:

<u>N/A</u>

Date:

Method of testing

Simulated

Actual

In Simulator

Performance

Performance

Classroom

Simulator

Plant

READ TO THE EXAMINEE

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this Job Performance Measure will be satisfied.

Initial Conditions:

The plant is operating at 100% power. You are the on-coming Day Shift Unit Supervisor. You have completed Section A of the Unit Supervisor Relief/Turnover Checklist with the exception of the Control Room Horseshoe Panel Walkdown.

Task Standard:

Unit Supervisor Relief/Turnover Checklist is correctly performed.

Required Materials:

PAP-0126, Attachment 3 (attached marked up copy)

Simulator IC Setup Sheet (attached)

General References:

PAP-0126, Shift Staffing and Shift Relief, Rev. 2, PIC 2

Initiating Cue:

Complete the Unit Supervisor Relief/Turnover Checklist by performing

the Control Room Horseshoe Panel Walkdown in accordance with

PAP-0126.

Time Critical Task:

NO

Validation Time:

45 minutes

Appendix C	Page 2 of 4	Form ES-C-1
1 Appointment C	1 4 5 0 2 01 1	I OIIII DD C I
	PERFORMANCE INFORMATION	
	i bid oldinii iob ii ii oldini i ioi	

(Denote Critical Steps with an asterisk)

The sequence of steps after the first steps is unimportant.

* Performance Step:

P601

Walkdown Control Room Horseshoe observing items such as active

annunciators, status lights, train alignments, control board tags, and

various parameters.

Standard: Candidate identifies RCIC is out of service and is <u>not</u> listed on the

Unit Supervisor Relief/Turnover Checklist.

Comment: Cue: The off-going Unit Supervisor will investigate. Continue

panel walkdown.

* Performance Step:

P680

Walkdown Control Room Horseshoe observing items such as active

annunciators, status lights, train alignments, control board tags, and

various parameters.

Standard: Candidate identifies Pressure Regulator B is the in-service Pressure

Regulator. Determines in-service Pressure Regulator was incorrectly

annotated on the Unit Supervisor Relief/Turnover Checklist.

Comment: Cue: Off-going Unit Supervisor will discuss with the off-going

Shift Manager and contact I&C if necessary.

Terminating Cue:

The evaluation for this JPM is complete when the candidate completes the Control Room Horseshoe Panel walkdown for panels P680 and P601.

Appendix C	Page 3 of 4 VERIFICATION OF COMPLETION	Form ES-C-1
Job Performance Measure No.	2002 NRC A1a SRO	
Examinee's Name:		
Examiner's Name:		
Date Performed:		
Facility Evaluator:	<u>N/A</u>	
Number of Attempts:		
Time to complete:		
Question Documentation: Question:		
Response:		
Result:	SAT OR UNSAT	
Examiner's Signature and Date	»:	

Appendix C	Page 4 of 4	Form ES-C-1
F I	JPM CUE SHEET	
INITIAL CONDITIONS:	The plant is operating at 100% power. You are t Unit Supervisor. You have completed Section A Relief/Turnover Checklist with the exception of Horseshoe Panel Walkdown.	of the Unit Supervisor

INITIATING CUE: Complete the Unit Supervisor Relief/Turnover Checklist by performing the Control Room Horseshoe Panel Walkdown in accordance with PAP-0126.

US RELIEF/TURNOVER CHECKLIST Page 1 of 2

PNPP No. 8293 Rev. 4/23/01 PAP-0126 Section A: Date: 03-XX-02 Mode: Thermal Power: 100% (3758 Mwth limit) Shift: ☐ NIGHT ☐ DAY ☐ AFT Level Band: 192 to 200" by SPDS Discuss the following: Equipment Out-Of-Service/Maintenance in progress (include open manholes): ALCO's G36 Demin A C51 - ALL OPRM'S P52 Unit 1 IA Compressor E22A HPCS Pump **C85 1B Press Regulator** P61 A feed Pump P61 A boiler fan flow switch P54 A007 Tank # 7 (MLO) ODCM.... **POD Activities** Upper Air Lock LLRT ONI's PTI-GENP0024 Test/Evolutions (completed/in progress/planned): C - SVI-E51-T2001 RCIC Pump and Valve Operability C - Unloaded 2 Aux Boiler fuel oil trucks C - P61-0013 clearance removal feed pump A C - Restored Perry - East Lake Line C - P52 U1 IA Compressor in Secured status to support Demister change. P - I&C troubleshooting 1C85N0001B Pressure Regulator P - G36 A F/D Backwash and precoat P - Prepare for FIN Work on N23 H Filter (Days)

US RELIEF/TURNOVER CHECKLIST Page 2 of 2

PNPP No. 8293 Rev. 4/23/01

PAP-0126

Stem leakoff alarm/bypass pts 24, 25			
LH-1-A and LH-1-B ABT's, keep aligned to breaker 8C-2 OAT on 8C-1.			
N64-F0064B- (Dryer B loop Seal)			
N64C0001A-Glyc. CW pump abn. noise			
P61-F0823		····	
G42-F0175- F/D drain leaking			
Tech Spec 3.6.1.3 / 3.6.5.3 inop valv	<u>res</u>	<u>Penetra</u>	tion Controls
 ✓ Active LCO Status ✓ Daily Section B: Review the following: ✓ RO Checklist 	S Status Board & Standing Instruction S DLCO Tracking S Condition Change	ons 🔀 Activ	rol Room Panel Walkdown e Annunciators Potential LCO Status Ops Admin Tag Logbook Status
Additional Turnover Items/Remarks:			
Monitoring Rectifiers for leakage (camera is in	place)		
Minimum ESW flow allowed to RHR-B Hx - 67	'00 gpm (DI)		
On-coming US: List the names of any Off-going US: On-coming US:		working overtime	this shift (excluding turnover time.)

Appendix C Job Performance Measure Form ES-C-1 Worksheet

Facility:

Perry

Task No:

344-506-04-02

Task Title:

Prepare for Feedwater Temperature Reduction JPM No:

2002 NRC A1b SRO

Operations

K/A Reference:

2.1.7

NRC Examiner:

Facility Evaluator: N/A

Date:

Method of testing

Simulated

Classroom

Examinee:

N/A

Actual

Performance

In Simulator

Performance

Simulator

Plant

READ TO THE EXAMINEE

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this Job Performance Measure will be satisfied.

Initial Conditions: The plant is operating at 80% power. ONI-N36, Loss of Feedwater

> Heating, has been entered due to the loss of Feedwater Heaters 5A and 6A. All immediate actions of ONI-N36 have been completed. It will take 48 hours to affect repairs and return the feedwater heaters to

service.

Task Standard:

Final Feedwater Temperature Reduction Operation is correctly

performed.

Required Materials:

FTI-B10, Rev 5, PIC 1

PDB-A0011

Simulator IC Setup Sheet (attached)

General References:

FTI-B10, Rev 5, PIC 1

Initiating Cue:

The Shift Manager directs you, as the Unit Supervisor, to perform

FTI-B10, Preparation for Final Feedwater Temperature Reduction

Operation.

Time Critical Task:

NO

Validation Time:

10 minutes

Form ES-C-1

(Denote Critical Steps with an asterisk)

* Performance Step: 5.1.1

Determine Feedwater temperature relative to full power operation.

- a. For an unplanned event, obtain the operating feedwater temperature. For less than full power conditions, extrapolate to the equivalent full power feedwater temperature using <PDB-A0011>.
- b. For a planned event, determine the anticipated feedwater temperature according to the feedwater heater configuration.
 For less than full power conditions, extrapolate to the equivalent full power feedwater temperature using <PDB-A0011>

Standard:

Obtains the operating feedwater temperature and determines the equivalent full power feedwater temperature to be approximately 375.5 °F.

Comment:

This is an unplanned event therefore Step "b" is not applicable.

* Performance Step:

5.1.2

Determine the Pressure Setpoint and Allowable Value corresponding to the feedwater temperature using Attachment 1.

Standard:

Determines the new Pressure Setpoint is ≤ 190 and new Allowable Value is ≤ 196 .

Comment:

Appendix C	Page 3 of 5	Form ES-C-1
	PERFORMANCE IMFORMATION	

* Performance Step:

Process Provisional Setpoint Change Requests per <PAP- 1403> to

change the pressure setpoints for trip units 1C71-N0652A, B, C, and

D to the values determined in step 5.1.2.

Standard:

5.1.3

Recognizes requirement to initiate Provisional Setpoint Change

Requests.

Comment:

Cue: The Shift Manager will direct the Shift Engineer to process

the Provisional Setpoint Change Requests.

Note: Step 5.1.4 would not be required until Step 5.1.3 was

completed.

Terminating Cue:

The evaluation for this JPM is complete when the candidate recognizes the requirement to initiate Provisional Setpoint Change Requests.

Appendix C	Page 4 of 5	Form ES-C-1
	VERIFICATION OF COMPLETION	
Job Performance Measure No.	2002 NRC A1b SRO	
Examinee's Name:		
Examiner's Name:		
Date Performed:		
Facility Evaluator:	<u>N/A</u>	
Number of Attempts:		
Time to complete:		
Question Documentation:		
Question:		
Response:		
Result:	SAT OR UNSAT	
Evaminer's Signature and Date		

Appendix C	Page 5 of 5 JPM CUE SHEET	Form ES-C-1
INITIAL CONDITIONS:	The plant is operating at 80% power. ONI-N36, L Heating, has been entered due to loss of Feedwater immediate actions of ONI-N36 have been complet to affect repairs and return the feedwater heaters to	r Heaters 5A and 6A. All ted. It will take 48 hours

INITIATING CUE: The Shift Manager directs you, as the Unit Supervisor, to perform FTI-B10, Preparation for Final Feedwater Temperature Reduction

Operation.

Appendix C Job Performance Measure Form ES-C-1
Worksheet

Facility:

Perry

Task No:

342-650-03-02

Task Title:

Perform On-Line Risk

JPM No:

2002 NRC A2 SRO

Assessment

K/A Reference:

Examinee:

NRC Examiner:

Facility
Evaluator:

N/A

Date:

Method of testing

Simulated Performance Actual

Class / Simulator

Performance

Classroom

Simulator

Plant

READ TO THE EXAMINEE

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this Job Performance Measure will be satisfied.

Initial Conditions:

The plant is in MODE 1. The HPCS System is to be placed in secured status for preventative maintenance during the next hour. ESW Pump A just tripped on motor overcurrent while operating to support a liquid radwaste discharge. All other plant equipment is operable. The PSA Engineer is not available.

Task Standard:

Risk Category is correctly identified for the hypothetical condition of the HPCS System and ESW A being inoperable at the same time. HPCS should not be removed from service for preventative maintenance.

Required Materials:

Safety Monitor Desk Guide

A Computer station loaded with the Safety Monitor Program

General References:

PAP 1924, Rev. 2, PIC 2 Safety Monitor Desk Guide

Initiating Cue:

Using the Safety Monitor, determine the Risk Category for the hypothetical case of the HPCS System and ESW Pump A being inoperable at the same time, including your recommendation for removing the HPCS System from service.

Time Critical Task:

NO

Validation Time:

15 minutes

*** IMPORTANT INFORMATION ***

Admin JPM Setup Instructions

- 1. Open the Safety Monitor 3.0a Program.
- 2. Select 'Real Mode'.
- 3. On the 'Real Time Operation' screen, verify the following parameters are set:
 - a. Click on the 'View / Change Plant Configuration' tab.
 - 1) Click on the 'Environ / Testing' tab.
 - a) Verify the 'Environment / Test factor' indicates 'SWITCHYARD'.
 - 2) Click on the 'Operating Mode' tab.
 - a) Verify the 'Mode' indicates '1'.
 - 3) Click on the 'Alignment' tab.
 - a) Using 'All Systems', verify that that the equipment lineup reflects a 100% normal full power lineup.
- 4. On the 'Real Time Operation' screen, confirm the CDF value is 3.55E-6 and the color is green.

The Safety Monitor initial setup is now complete.

Admin JPM Completion Instructions

After the completion of the JPM by a license candidate, the following steps must be performed to clear the previous CDF calculation and then setup the Safety Monitor for the next license candidate.

- 1. Select 'Real Mode'.
- 2. Select 'Hypothetical Mode'.
- 3. Select 'Real Mode Configuration'.
- 4. Select 'Real Mode'.
- 5. Confirm the CDF value is 3.55E-6 and the color is green.

The Safety Monitor setup is now completed for the next license candidate.

(Denote Critical Steps with an asterisk)

* Performance Step: 1

Place the Safety Monitor in the Hypothetical Mode and determine the Risk Category for the hypothetical case of the HPCS System and ESW Pump A being inoperable at the same time.

Standard:

Determines the plant would be in Risk Category 2 in accordance with the definition of Risk Category <u>and</u> recommends that the HPCS System <u>not</u> be removed from service for preventative maintenance due the increased risk.

This is the general sequence of steps for the Safety Monitor Program:

- 1. Select 'Hypothetical Mode'.
- 2. Select either 'Real mode configuration' or 'Current hypothetical configuration'.

Note: Either configuration contains the same identical conditions.

- 3. Select 'View / Change Plant Configuration'.
- 4. Select 'Component Status'.
- 5. Select 'E22 High Pressure Core Spray System'.
- 6. Select '1E22C0001 Pump, High Pressure Core Spray'.

Note: Inoperability Information – the type of inoperability is not critical.

- 7. Select 'P45 Emergency Service Water System'.
- 8. Select '1P45C0001A Emergency Service Water Pump A'.
- 9. Select 'Calculate'.

Note: The hypothetical value is 3.42E-04, the color is orange, and the Risk Category is 2.

Comment:

Note: The Instructor must follow the 'Admin JPM Completion Instructions' on the previous page in order to setup the Safety Monitor for another performance of this JPM.

Terminating Cue:

When the candidate determines the new Risk Category using the Safety Monitor, the evaluation for this JPM is complete.

Appendix C	Page 4 of 5 VERIFICATION OF COMPLETION	Form ES-C-1
Job Performance Measure No.	2002 NRC A2 SRO	
Examinee's Name:		
Examiner's Name:		
Date Performed:		
Facility Evaluator:	<u>N/A</u>	
Number of Attempts:		
Time to complete:		
Question Documentation:		
Question:		
Response:		
Result:	SAT OR UNSAT	
Examiner's Signature and Date	e:	

Annandiz C	Dago 5 of 5	Form ES-C-1
Appendix C	Page 5 of 5	ronn es-c-1
	JPM CUE SHEET	
INITIAL CONDITIONS:	The plant is in MODE 1. The HPCS System is to be status for preventative maintenance during the next just tripped on motor overcurrent while operating the radwaste discharge. All other plant equipment is of Engineer is not available.	t hour. ESW Pump A to support a liquid

INITIATING CUE: Using the Safety Monitor, determine the Risk Category for the hypothetical case of the HPCS System and ESW Pump A being inoperable

at the same time, including your recommendation for removing the HPCS

System from service.

Appendix C Job Performance Measure Form ES-C-1 Worksheet Facility: Task No: Perry 344-531-05-02 Task Title: Perform Event Classification JPM No: 2002 NRC A4 SRO and Protective Action Recommendations K/A Reference: 2.4.29 Examinee: NRC Examiner: **Facility** N/A Date: **Evaluator:** Method of testing Simulated Actual **Simulator**

READ TO THE EXAMINEE

Performance

Classroom

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this Job Performance Measure will be satisfied.

Simulator

Performance

Plant

Initial Conditions:

You are the on-duty Shift Manager. An event has occurred requiring Emergency Classification.

The following conditions exist:

- The reactor is shutdown following a LOCA in the Drywell.
- RPV Emergency Depressurization was performed in accordance with PEI-B13 when RPV water level decreased to -42.5 inches without injection available.
- The Severe Accident Guidelines have been entered and Primary Containment Flooding has been initiated due to RPV level remaining lower than -25 inches.

Various Plant Radiation Monitors are alarming and the following readings have been noted:

- TB/HB Vent Gas Monitor, 1D17-K856, indicates 1.2E+4 cpm and slowly rising.
- Plant Vent Gas Monitor, 1D19-N300, indicates 3.5E0 μCi/cc and stable.

Estimated time to complete Emergency Dose calculations is 20 minutes.

Field Survey results are expected in approximately 30 minutes.

The current wind speed is 1.1 MPH coming from 292 degrees.

Task Standard:

Within 15 minutes, event is correctly classified as a General Emergency in accordance with EPI-A1, Emergency Action Levels. Within the next 15 minutes, PNPP 7794, Initial Notification Form, is correctly prepared in accordance with EPI-B1, Emergency Notification System, including the correct PAR based on wind direction.

Required Materials:

EPI-A1, Rev 6, PIC 6 EPI-B1, Rev 10, PIC 5 EPI-A2, Rev 7, PIC 4 EPI-B8, Rev 8, PIC 4 Initial Notification Form (PNP 7794)

General References:

EPI-A1, Rev 6, PIC 6 EPI-B1, Rev 10, PIC 5 EPI-A2, Rev 7, PIC 4 EPI-B8, Rev 8, PIC 4

Initiating Cue:

As the Shift manager, classify the event in accordance with EPI-A1, Emergency Action Levels, <u>and</u> complete the PNPP Form No. 7794, Initial Notification, in accordance with EPI-B1, Emergency Notification System.

Time Critical Task:

YES

30 minutes

Validation Time:

12 minutes

Appendix C

Page 3 of 6 PERFORMANCE INFORMATION

Form ES-C-1

(Denote Critical Steps with an asterisk)

* Performance Step: 1

Consults EP1-A1 in order to classify the event.

Standard:

Classify as General Emergency within 15 minutes. EAL Category

is AG1.

Comment:

NOTE: This step is time critical and must be completed within 15 minutes.

Event classification is expected to be completed within 15 minutes in accordance with EP1-A1 such that initial notifications can be completed within the next 15 minutes.

Note: The candidate may reference a controlled copy of EP1-A1 in the TEC Reference Library, TEC Simulator, or the Plant Control Room.

* Performance Step: 2

Obtains Form PNPP No. 7794, Initial Notification, and consults EPI-B1 in order to fill out the Initial Notification Form.

Standard:

PNPP No. 7794, Initial Notification, is properly filled out within 15 minutes of classifying the event.

For a General Emergency, ensure that at a minimum the default PAR, as outlined in section 5.1.1.2 of EPI-A2, is included.

Based on wind direction, recommendation should be made to evacuate sub-areas 1, 2, 3.

Comment:

Note: This step is time critical and must be completed within 15 minutes from the completion of step 1.

- See attached copy of completed Form PNPP No. 7794, Initial Notification, in order to verify proper completion of the Initial Notification Form.
- The candidate must properly complete blocks 1 8 of PNPP Form No. 7794.

Note: The candidate may reference a controlled copy of EPI-A2, EP1-B1, and EPI-B8 in the TEC Reference Library, TEC Simulator, or the Plant Control Room.

Note: The candidate should identify where he can obtain PNPP Form No. 7794. When candidate identifies the need for PNPP Form No. 7794, hand the candidate a blank form

Note: The candidate is not required to complete any other E-Plan forms such as PNPP Form No. 9100, Pager Messages.

Note: The Evaluator will role-play as the Control Room Communicator by accepting the completed PNPP Form No. 7794 when the candidate is ready for the Control Room Communicator to make the initial notifications to the counties, state, and NRC.

Terminating Cue:

The evaluation for this JPM is complete when the event is classified as a General Emergency in accordance with AG1 and PNPP Form No. 7794, Initial Notification is properly filled out (including a Protective Action Recommendation).

Appendix C	Page 5 of 6 VERIFICATION OF COMPLETION	Form ES-C-1
Job Performance Measure No.	2002 NRC A4 SRO	
Examinee's Name:		
Examiner's Name:		
Date Performed:		
Facility Evaluator:	<u>N/A</u>	
Number of Attempts:		
Time to complete:		
Question Documentation:		
Question:		
Response:		
Result:	SAT OR UNSAT	
Acoust.	SHI OR UNSAI	
Examiner's Signature and Date	;	

Appendix C	Page 6 of 6	Form ES-C-1
	JPM CUE SHEET	

INITIAL CONDITIONS:

You are the on-duty Shift Manager. An event has occurred requiring Emergency Classification.

The following conditions exist:

- The reactor is shutdown following a LOCA in the Drywell.
- RPV Emergency Depressurization was performed in accordance with PEI-B13 when RPV water level decreased to -42.5 inches without injection available.
- The Severe Accident Guidelines have been entered, and Primary Containment Flooding has been initiated due to RPV level remaining lower than -25 inches.

Various Plant Radiation Monitors are alarming and the following readings have been noted:

- TB/HB Vent Gas Monitor, 1D17-K856, indicate 1.2E+4 cpm and slowly rising.
- Plant Vent Gas Monitor, 1D19-N300, indicates 3.5E0 μ Ci/cc and stable.

Estimated time to complete Emergency Dose calculations is 20 minutes.

Field Survey results are expected in approximately 30 minutes.

The current wind speed is 1.1 MPH coming from 292 degrees.

INITIATING CUE:

As the Shift Manager, classify the event in accordance with EPI-A1, Emergency Action Levels, <u>and</u> complete the PNPP Form No. 7794, Initial Notification, in accordance with EPI-B1, Emergency Notification System.