

Facility: Perry

JPM No: 2004301RO.2

Task Title: Prepare a Relief/Turnover Checklist

K/A Reference: G 2.1.3

Recommended Testing Method:

Simulate Perform X

Classroom Simulator X Plant

Task Standard: Completes PAP-0126 Attachment 3, RO Relief/Turnover Checklist, including as a minimum the items listed on the attached key.

Required Materials: PAP-0126 Attachment 3, RO Relief/Turnover Checklist

General References: PAP-0126, Shift Staffing and Shift Relief

Time Critical Task: NO

Validation Time:

Initial Conditions:

Plant at 100% RTP, MFP tagged OOS for bearing replacement, and RCIC was isolated on the last shift due a steam leak on the FO45 valve. The RPV Head inner seal failed several weeks ago and will be replaced at the next outage. APRM D is bypassed for instrument calibration and is expected to be returned on the next shift. A Winter Weather Advisory is in effect. Plans are to reduce power to approx. 92% to perform Main Turbine Valve Exercise surveillance.

1. Reset to IC-??
2. Tag out the RCIC Steam Supply
3. Tag out the MFP
4. Bypass APRM D
5. Insert the following malfunctions
 - a. TH03A, RPV Head inner Omega seal failure
 - b.

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.

Initiating Cue:

Prepare a RO Relief/Turnover Checklist in preparation for a shift turnover. A Winter Weather Advisory is in effect. Plans are to reduce power to approximately 92% to perform Main Turbine Valve Exercise surveillance.

Start Time: _____

Step: 6.5.2 The off-going individual shall fill in the appropriate information in the narrative portion Section A of the applicable Relief/Turnover Checklist. The following information should also be included:

NOTE

“Major” refers to systems/components related to safety of operation and personnel, and/or systems/components directly related to the generation capability of the plant.

Step: 6.5.2.1 Major equipment status pertaining to out-of-service, maintenance in progress, and surveillance/performance tests in progress or planned.

C Standard: Completes Section A and includes as a minimum the items listed on the attached key.

- Refers to Tagging Log for information on MFP and RCIC
- Refers to Annunciator Tracking Log for information on locked in and OOS annunciators.
- Identifies OOS annunciator and enters information and completes applicable portions of Annunciator Tracking Log.

Cue: When requested provide the following information:

- MFP out of service for bearing replacement.
- APRM D calibration in progress, expect to finish sometime next shift.
- RCIC out of service due to a steam leak on E51-F045
- RX HEAD FLANGE SEAL LEAKAGE HIGH alarm has been locked in for several weeks and will be repaired during the next outage.

Comment:

C **Step:** 6.5.2.2 Major evolutions that have been completed during the shift, are in progress or planned; emphasizing abnormal lineups, off-normal operations and special instructions/considerations.

Standard: Includes the following under "Test/Evolutions" section.

- APRM D Calibration
- Planned for next shift:
 - " Power reduction
 - " SVI-N31-T1151, Main Turbine Valve Exercise

Cue: When earned provide the following information:

- APRM D calibration in progress, expect to finish sometime next shift.
- Plans are to reduce power to approx. 92% to perform Main Turbine Valve Exercise surveillance.

Comment:

C **Step:** 6.5.3 The off-going individual shall also fill in the appropriate information in Section B of the applicable Relief/Turnover Checklist. The general information section should include items such as: (refer to list in step 6.5.3 of PAP-0126)

Standard: Includes "Winter Weather Advisory"

Cue:

Comment:

Stop Time: _____

Examinee: _____ SRO/RO (circle one)

Examiner: _____

Date Performed: _____

Start Time: _____ Stop: _____ Time to Complete: _____

Follow-up Questions: (Include Question and Response)

Result: Satisfactory/Unsatisfactory (circle one)

Examiner's Signature: _____ Date: _____

Facility: Perry **JPM No:** 2004301ROSROAdmin1

Task Title: Verify a Working Copy of a Procedure Current Prior to Use

K/A Reference: 2.1.21

Recommended Testing Method:

Simulate Actual X

Classroom Simulator Plant X

Task Standard: Locates an Updated Volume of the Operations Manual that contains an updated version of PEI-SPI 7.4, RHR Containment Venting.

Required Materials: PEI-SPI 7.4, Revision 0
Updated Volume of the Operations Manual

General References: PAP-0528, Procedure Use and Adherence

Time Critical Task: NO

Validation Time:

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:

Applicant is ready to perform In-Plant Systems JPM “i.”

Initiating Cue:

There is no initiating cue for this JPM. Provide the applicant with the initiating cue for In-Plant System JPM i, “Vent the Primary Containment Through RHR using PEI-SPI 7.4. Provide the applicant with PEI-SPI 7.4 Rev 0. This is not the latest Revision of PEI-SPI 7.4.

Start Time: _____

NOTE

If the applicant asks if the provided procedure is the most recent, respond by saying, **“I don’t know.”** If the applicant wants to see Procedures Personnel, state, **“Its backshift, they are not available.”**

C Step: 1 Locates an Updated Volume of the Operations Manual that contains an updated version of PEI-SPI 7.4, RHR Containment Venting. Checks if the provided procedure is the most current.

Standard: Compares the provided procedure with the Updated Operations Manual.

Cue:

Comment:

C Step: 2 Determines the procedure provided is not the most current revision.

Standard: Indicates to the examiner there is a revision to the procedure.

Cue:

Comment:

C Step: 3 Retrieves the latest revision of PEI-SPI 7.4

Standard: Retrieves a copy of PEI-SPI 7.4, Rev 1, for field use.

Cue:

Comment:

Stop Time: _____

Examinee: _____ SRO/RO (circle one)

Examiner: _____

Date Performed: _____

Start Time: _____ Stop: _____ Time to Complete: _____

Follow-up Questions: (Include Question and Response)

Result: Satisfactory/Unsatisfactory (circle one)

Examiner's Signature: _____ Date: _____

Facility: Perry

JPM No: 2004301ROSROAdmin3

Task Title: Review and Approve a Clearance

K/A Reference: 201001 2.1.24 / 2.2.13

Recommended Testing Method:

Simulate Actual X

Classroom X Simulator Plant

Task Standard: Locates / corrects 100% of errors inserted in tagout.

Required Materials: NOP-OP-1001, Clearance/Tagging Program
CRDH Mechanical Drawing

General References: NOP-OP-1001, Clearance/Tagging Program

Time Critical Task: NO

Validation Time:

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:

A small crack in the control rod 18-47 accumulator has been found (water side). Control rod 18-47 has been inserted and the amphenols removed (disconnected). A separate clearance to electrically isolate the accumulator has been issued and tags hung. Maintenance has submitted a request for clearance for a work request on HCU C1103D090.

Initiating Cue:

Verify the Clearance has been prepared correctly and will provide the needed protection.

CAUTION

C11-F101A, Insert Riser Isolation Valve, must be closed prior to closing either C11-F102A, Withdraw Riser Isolation Valve, and/or C11-F112, Scram Discharge Isolation Valve, to prevent damage to HCU and CRD components.

Start Time: _____

Step: 1 Locate and refer to drawing M-5703-1.

Standard: Locates drawing M-5703-1.

Cue:

Comment:

C **Step: 2** Identify the following valves as SHUT and tagged:
 a. C11-F101A, Withdrawal Riser Isolation
 b. C11-F102A, Insert Riser Isolation
 c. C11-F103, Drive Water Isolation
 d. C11-F112, Scram Outlet Isolation
 e. C11-F105, Exhaust Riser Isolation
 f. C11-F113, Charging Water Isolation

Standard: Determines these valves are in their correct position.

Cue:

Comment:

C **Step: 3** Determines that the C11-F104 valve on the tag sheet is for the wrong HCU.

Standard: Informs examiner the C11-F104 valve on the tagout is for the wrong HCU.

Cue:

Comment:

C Step: 4 Identify C11-F107, Accumulator Drain Valve, should be OPEN and tagged.

Standard: Determines C11-F107 should be OPEN and tagged.

Cue:

Comment:

Stop Time: _____

Examinee: _____ SRO/RO (circle one)

Examiner: _____

Date Performed: _____

Start Time: _____ Stop: _____ Time to Complete: _____

Follow-up Questions: (Include Question and Response)

Result: Satisfactory/Unsatisfactory (circle one)

Examiner's Signature: _____ Date: _____

Facility: Perry **JPM No:** 2004301ROSROAdmin4

Task Title: Inventory Control Room High Rad Series (HRS) Keys/Missing Key

K/A Reference: G 2.3.1

Recommended Testing Method:

Simulate Perform X

Classroom Simulator Plant X

Task Standard: Identifies missing key and initiates appropriate actions in accordance with PAP-0123.

Required Materials: Completed PAP-0123 Attachment 2 for Main Control Room HRS Key Locker and PAP-0123 Attachment 4

General References: PAP-0123

Time Critical Task: NO

Validation Time:

Initial Conditions: N/A

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.

Initiating Cue:

Conduct the daily inventory of the HRS Keys and Locks, assigned to the Main Control Room HRS Key Locker, in accordance with PAP-0123.

Start Time: _____

C Step: 6.1.1.1 Using a copy of the HRS Barricade List conduct an inventory of the HRS Keys and Locks assigned to the Main Control Room HRS Key Locker.

- Standard:**
1. Obtains copy of HRS Barricade List.
 2. Checks keys and open High Rad Key Issue forms against the HRS Barricade List.
 3. Identifies that key XXXX is not accounted for.

Cue: Inform candidate that key XXXX is not in the locker.

Comment:

C Step: 6.1.1.1.a Notify RPS immediately if the location of any HRS Keys cannot be ascertained.

Standard: Immediately informs Radiation Protection Section that key XXXX is not accounted for.

Cue: Someone else will inform RP of the missing key.

Comment:

Step: 6.1.1.1.b Document the results of the HRS Key inventory on the HRS Key Locker Inventory (PNPP No. 8861, Attachment 4).

Standard: Completes Attachment 4.

Cue:

Comment:

Step: Forward completed HRS Key inventories to RPS Supervision.
6.1.1.1.c

Standard: Places completed form in inter-office mail or equivalent.

Cue:

Comment:

Step: Ensure that the requirements of Section 6.4 are satisfied for
6.1.1.1.d unaccounted HRS keys.

Standard: Reviews section 6.4 and assigns an individual to guard the
affected barrier until released by a RPS Technician.

Cue:

Comment:

Stop Time: _____

Examinee: _____ SRO/RO (circle one)

Examiner: _____

Date Performed: _____

Start Time: _____ Stop: _____ Time to Complete: _____

Follow-up Questions: (Include Question and Response)

Result: Satisfactory/Unsatisfactory (circle one)

Examiner's Signature: _____ Date: _____

Facility: Perry JPM No: 2004301SROAdmin2

Task Title: Review and Approve a HPCS Run Surveillance

K/A Reference: 2.1.1

Recommended Testing Method:

Simulate Actual
Classroom Simulator Plant

Task Standard: Locates / corrects 100% of errors inserted in surveillance data.

Required Materials: SVI-E22-T2001, HPCS Pump & Operability with errors inserted.

General References: SVI-E22-T2001, HPCS Pump & Operability Test

Time Critical Task: NO

Validation Time: _____

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:

SVI-E22-T2001, HPCS Pump & Operability Test, was completed last shift.

Initiating Cue:

Review the completed surveillance data for accuracy.

CAUTION
Provide the applicant with the completed SVI-E22-T2001, HPCS Pump & Operability Test for review.

Start Time: _____

C Step: 1 Determines initials for Section 5.1.5 (CST to CST Mode), Step 9, are missing.

Standard: Informs examiner initials are missing.

Cue: Understand initials are missing. I'll get the operator to come in and initial Step 9, continue with your review.

Comment:

C Step: 2 Determines suction pressure recorded in Section 5.1.5, Step 5 is 4.5 psig, unacceptable, the test is unsatisfactory.

Standard: Applicant informs the examiner that this portion of the test is unsatisfactory because suction pressure is below limits.

Cue: Understand test is unsat. I'll check to determine why the operator continued with the test after recording an unsatisfactory value for the suction pressure. Continue with your review.

Comment:

C Step: 3 Detects calculation error Section 5.1.5, Step 15.b (calculation error will not change acceptability of test).

Standard: Informs examiner of calculation error.

Cue: I will have the performing operator make the correction to Step 15.b, continue with your review.

Comment:

C Step: 4 Notes Unit Supervisor signed for HPCS operable with inadequate suction pressure.

Standard: Informs examiner that HPCS is inoperable with the low suction pressure.

JPM No: 2004301SROAdmin2

Cue: Inform the applicant that you found the operator performing the surveillance, he said suction pressure should be corrected to 24.5 psig. The test is satisfactory as completed.

Comment: This completes the JPM.

Stop Time: _____

Examinee: _____ SRO/RO (circle one)

Examiner: _____

Date Performed: _____

Start Time: _____ Stop: _____ Time to Complete: _____

Follow-up Questions: (Include Question and Response)

Result: Satisfactory/Unsatisfactory (circle one)

Examiner's Signature: _____ Date: _____

Facility: Perry **JPM No:** 2004301SRO.5

Task Title: Complete Event Classification Checklist

K/A Reference: G 2.4.40

Recommended Testing Method:

Simulate Perform X

Classroom Simulator Plant

Task Standard: 1. Initial Notification Form is completed and forwarded to communicator within 10 minutes.
 2. Completes Section A of the Event Classification Checklist

Required Materials: EPI-A2 Attachment 1; EPI-B1 Attachment 1; EPI-B1 Attachment 2; EPI-B5 Attachment 1; EPI-B5 Attachment 2

General References: EPI-A2; EPI-B1; EPI-B5

Time Critical Task: YES

Validation Time: _____

Initial Conditions:

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.

Initiating Cue:

This task has a Time Critical Element. As Shift Manager, you have just declared a General Emergency due to an unisolable Main Steam line break outside of the Containment. Complete the immediate actions of EPI-A2, Emergency Actions Based On Event Classification.

Start Time: _____

Step: 1 Announce event classification and reason for declaring emergency over the Plant PA System. Sound Plant Emergency Alarm if event classified from the Control Room.

- Standard:**
1. Simulates announcing a General Emergency over the Plant PA System.
 2. Simulates sounding of the Plant Emergency Alarm.

Cue:

Comment:

Step: 2 Call two shift I&C technicians to Control Room as communicators. NOTE: CRA may also serve as a Control Room Communicator.

Standard: Simulates calling two shift I&C Techs to MCR.

Cue:

Comment:

C Step: 3 Completes an Initial Notification form (PNPP No. 7794),

- Standard:**
1. Completes and approves Initial Notification form.
 2. Forwards to communicators within 10 minutes of decision to classify event or upgrade offsite PAR. (Attachment 2 of EPI-B1 including default PAR.
 3. Simulates forwarding completed form to communicator.

Cue: I will make the required communication.

Comment:

C **Step:** 4.a Determine facilities to be activated using table in Attachment 1: (R-required; O-optional)

Standard: Identifies that all facilities are required.

Cue:

Comment:

Step: 4.b Are needed facilities already in operation and available/ accessible?

Standard: Identifies that all facilities are available. (Find out where EOF is and determine if it is feasible to make it not available.)

Cue:

Comment:

Step: 4.c Announce activation of facilities to be activated over the Plant PA System.

Standard: Simulates announcement of which facilities are to be activated over the Plant PA System.

Cue:

Comment:

C **Step: 5** Complete the Pager Messages form (PNPP No. 9100), approve, and forward immediately to the SAS or notify the on-call EPU Representative.

NOTE: (1) Completion of form is delegated to the Security Coordinator once TSC is operational. (2) Activation of ERO pagers are NOT needed if required facilities have already been/are being mobilized OR simultaneously classifying and terminating from an Unusual Event.

Standard: 1. On EPI-B1 Attachment 1, Checks message number 13 in block 1, writes short description in block 2, signs and dates form.
2. Simulates forwarding form to the SAS.

Cue:

Comment:

C **Step: 6** Initiate personnel accountability per EPI-B5, if not yet implemented.

Standard: Implements EPI-B5.

Cue: Offsite monitoring/decontamination centers are not required at this time.

Comment:

Step: 6.a Activate the applicable pre-recorded "Emergency" message (Attachment 1 of EPI-B5) on the Exclusion Area Paging (R53) System every five (5) minutes until accountability is completed.

Standard: Simulates activation of pre-recorded message.

Cue:

Comment:

C **Step: 6.b** Direct all Control Room staff and Plant Operators (POs) located in the Unit 2 Control Room, to promptly use the designated accountability card readers.

Standard: Simulates issuing order to use accountability card readers.

Cue:

Comment:

C Step: 6.c Complete Personnel Accountability Checklist (PNPP No. 7957, Attachment 2 of EPI-B5) to account for on-shift POs outside the Control Room, and forward to the CAS via the Secondary Alarm Station (SAS).

Standard: Completes applicable information on Attachment 2 for the two PO's outside of the control.
Simulates forwarding completed form to the SAS.

Cue: Two PO's are outside of the Control Room.

Comment:

Step: 7 Verify that notifications and/or requests for offsite support were completed by the SAS:

- | | |
|--------------------------|--------------|
| a. Fire Department (911) | Not Required |
| b. Ambulance (911) | Not Required |
| c. Hospital: | Not Required |
| Primary - Lake East; | |
| Backup - Lake West | |

Standard: Offsite support services marked as not required.

Cue:

Comment:

Step: 8 Verify that an individual knowledgeable in system operations is assigned to the NRC ENS Circuit to answer questions and inquiries when an open line is established.

Standard: Assigns knowledgeable individual to assigned to ENS.

Cue:

Comment:

Stop Time: _____

Examinee: _____ SRO/RO (circle one)

Examiner: _____

Date Performed: _____

Start Time: _____ Stop: _____ Time to Complete: _____

Follow-up Questions: (Include Question and Response)

Result: Satisfactory/Unsatisfactory (circle one)

Examiner's Signature: _____ Date: _____