

FINAL AS-ADMINISTERED ADMINISTRATIVE JPMS
FOR THE DAVIS-BESSE INITIAL EXAMINATION - MARCH 2002

DAVIS-BESSE NUCLEAR POWER STATION
JOB PERFORMANCE MEASURE WORKSHEET

JPM NO.: A.1.1

Rev. 01

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TASK NO.: 006-003-01-0403

TASK DESCRIPTION: Perform Administrative Actions for Control of Locked Valves
During Post Maintenance Valve Testing of HP 31

K/A REFERENCE: 2.1.1

APPLICABLE METHOD OF TESTING: Actual Performance
Simulator

TIME FOR COMPLETION: 20 minutes

APPLICABILITY: RO SRO

TASK STANDARDS:

1. Documentation of HP 31 stroke test.
2. Properly complete the Locked Valve Log Sheet.
3. Notify the SM or Control Room SRO when restoration is complete.

REQUIRED MATERIALS:

- DB-PF-03272, Post Maintenance Valve Test, Revision 2
- Copy of a M&TE data sheet for a VOTES test rig
- Pump and Valve Basis Document, Vol. III

GENERAL REFERENCES:

DB-PF-03272. Post Maintenance Valve Test, Revision 2
DB-OP-00008, Operation and Control of Locked Valves, Revision 1, Change 3

INITIAL CONDITIONS:

Maintenance has just completed packing adjustment on valve HP 31, HPI Pump 2 Recirc Stop Check Valve, to stop packing leakage per Work Order 02-003466-000. Electricians have installed VOTES testing equipment and are standing by with an equipment operator in the #1 ECCS Room. The Shift Manager has brought the Locked Valve Log to the Control Room.

INITIATING CUES:

The Shift Manager has given his permission to stroke HP 31, HPI Pump 2 Recirc Stop Check Valve, and directs you to perform post maintenance valve testing of HP 31 in accordance with DB-PF-03272, Post Maintenance Valve Test.

(Hand a copy of DB-PF-03272, and Measure and Test Equipment Traveler to the examinee.)

INITIAL CONDITIONS:

Maintenance has just completed packing adjustment on valve HP 31, HPI Pump 2 Recirc Stop Check Valve, to stop packing leakage per Work Order 02-003466-000. Electricians have installed VOTES testing equipment and are standing by with an equipment operator in the #1 ECCS Room. The Shift Manager has brought the Locked Valve Log to the Control Room.

INITIATING CUES:

The Shift Manager has given his permission to stroke HP 31, HPI Pump 2 Recirc Stop Check Valve, and directs you to perform post maintenance valve testing of HP 31 in accordance with DB-PF-03272, Post Maintenance Valve Test.

SIMULATOR INSTRUCTIONS**TASK DESCRIPTION:**

Perform administrative actions for control of locked valves during post maintenance valve testing of HP31.

INITIAL CONDITION:

Any time in life or power.

ADDITIONAL SETUP/DEVIATION FROM INITIAL CONDITION:

Ensure the Pump and Valve Basis Document and the Locked Valve Log are available.

Close the breaker for HP 31, BF1194 on F11E, IRF BF31A TRUE.

MALFUNCTIONS/FAILURE TO INSERT:

None.

ACTION/CUES:

3. HP31 is open.
Electricians are ready for you to stroke HP31.
6. HP31 is closed.
8. Electricians are ready for you to stroke HP31.

PERFORMANCE INFORMATION

NOTE: Critical steps denoted with a "C". Failure to meet any one of these standards for this item constitutes failure. Sequence is assumed unless denoted in the "Comments".

START TIME: _____

1. PERFORMANCE STEP: Review the procedure.

STANDARD: Reviews the procedure.

CUE: **None.**

SAT UNSAT

2. PERFORMANCE STEP: Records known data in Section 3.1

STANDARD: Part I complete using Pump and Valve Basis Document, Vol. III:
 MWO Number = 02-003466-000
 OPERATOR = MOV
 CTMT ISO = NO
 MAXIMUM STROKE OPEN TIME = N/A
 MAXIMUM STROKE CLOSE TIME = 41.38
 FAIL-SAFE POSITION = N/A

NOTE: Stroke times will be obtained from the Pump & Valve Basis Document.

COMMENT:

CUE: (If asked) The Shift Manager has reviewed the Test Requirements Sheet and no special requirements exist. SRO concurs with accuracy of Section 3.1. An EO has a short term OP-16 lineup for to close the breaker for HP-31..

SAT UNSAT

3. PERFORMANCE STEP: Verify HP 31 is open.

STANDARD: Observe Red light ON and Green light OFF. Communicate with the Equipment Operator to determine local valve position.

CUE: **None.**

SAT UNSAT

4. PERFORMANCE STEP: Enter valve data on the Locked Valve Log Sheet and
C..... obtain approval to position HP 31 from the Control
 Room SRO.

STANDARD: Enter the following Change From Normal Position data on the
 Locked Valve Log Sheet and obtain approval to position HP 31
 from the Control Room SRO:

- Valve/Component Number =HP31
- Normal Position = OPEN
- Reason for Change = DB-PF-03272
- Elec/Pneu = checked
- SS Permission = initialed
- Time & Date = current

COMMENT: This step may be performed any time prior to stroking HP 31.

 Initial in block labelled " SS Permission" and enter the time
 and date in the next block.

CUE: **None.**

SAT UNSAT

5. PERFORMANCE STEP: Stroke and time HP 31 closed.
C.....

STANDARD: Press the close pushbutton and release. Red light goes OFF
 and Green light goes ON.

COMMENT: VOTES equipment will determine the stroke time.

CUE: (If asked) The electrician will provide the stroke time later when
 the work package is brought to the Control Room.

SAT UNSAT

6. PERFORMANCE STEP: Verify HP 31 is closed.

STANDARD: Observe Control Room indications of valve position.
 Communicate with the Equipment Operator to determine local
 valve position.

CUE: **None.**

SAT UNSAT

7. PERFORMANCE STEP: Enter the valve position in the " Position To" block of
C..... the Locked Valve Log and initial in the " Positioned By" block.

STANDARD: Enter the valve position " closed" and initial.

COMMENT: It is acceptable to complete the log entry after stroking the valve in both directions.

CUE: **None.**

SAT UNSAT

8. PERFORMANCE STEP: Stroke and time HP 31 open.
C.....

STANDARD: Press the open pushbutton and release. Green light goes OFF and Red light goes ON.

COMMENT: VOTES equipment will determine the stroke time.

CUE: **None.**

SAT UNSAT

9. PERFORMANCE STEP: Initial the " Restored By" block under " Restoration To
C..... Normal Position" in the Locked Valve Log.

STANDARD: Initial in the appropriate block.

COMMENT: It is acceptable to complete both Locked Valve Log entries after stroking the valve in both directions.

CUE: **None.**

SAT UNSAT

10. PERFORMANCE STEP: Complete the " Valve Position Indicator Lights Verified" blocks and record the as-left position in the Valve Restoration Position of the Test Record Part II data sheet.

STANDARD: Complete the specified blocks of the Test Record.

CUE: (If asked) The Shift Manager wants HP31 to remain OPEN.

SAT UNSAT

TERMINATING CUES: This JPM is complete.

END TIME

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TASK NO.: 337-012-03-0300

TASK DESCRIPTION: Update the Safety Monitor Risk Summary for Removing the MDFP from Service

K/A REFERENCE: 2.1.14

APPLICABLE METHOD OF TESTING: Actual performance
Simulator

TIME FOR COMPLETION: 12 minutes

APPLICABILITY: [] RO [X] SRO

TASK STANDARDS:

REQUIRED MATERIALS:

GP-26, On-Line Risk Management Process, Rev. 01
NG-DB-00001, On-Line Risk Management, Rev. 00, C-1

GENERAL REFERENCES:

GP-26, On-Line Risk Management Process, Rev. 01
NG-DB-00001, On-Line Risk Management, Rev. 00, C-1

INITIAL CONDITIONS:

100% power

INITIATING CUES:

It is 9:00 p.m. #1 LPI pump is being worked around the clock to repair a motor bearing. An equipment operator just informed you that he found the oil line on the MDFP broke. You have been directed to update the safety monitor and perform required actions.

INITIAL CONDITIONS:

100% power

INITIATING CUES:

It is 9:00 p.m. #1 LPI pump is being worked around the clock to repair a motor bearing. An equipment operator just informed you that he found the oil line on the MDFP broke. You have been directed to update the safety monitor and perform required actions.

PERFORMANCE INFORMATION

NOTE: Critical steps denoted with a "C". Failure to meet any one of these standards for this item constitutes failure. Sequence is NOT assumed unless denoted in the "Comments".

START TIME: _____

1. PERFORMANCE STEP: Identifies correct procedure/policy.

STANDARD: Identifies GP-26, On-Line Risk Management Process as the correct policy.

COMMENT: May perform from memory.

CUE: SM is entering Tech Spec in unit log

SAT UNSAT

2. PERFORMANCE STEP: Use correct policy attachments.

STANDARD: Uses Attachment 6 to evaluate risk.

COMMENT: May perform from memory.

CUE: None.

SAT UNSAT

3. PERFORMANCE STEP: Determines correct risk.
.....C.....

STANDARD: Determines a red risk condition Category 1 exists.

CUE: (If asked) They are to perform requirements in NG-DB-00001, On-Line Risk Management. SM & SE acknowledge.

SAT UNSAT

4. PERFORMANCE STEP: Determine appropriate procedures and actions attachment.

STANDARD: Uses Attachment 3, Section 4 of DB-NG-00001 for unplanned entry into very high risk.

CUE: None.

SAT UNSAT

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TASK NO.: 333-011-01-0300 (SRO)
115-034-01-0100 (RO)

TASK DESCRIPTION: Determine API in Spec. with Alarms Inoperable
SRO Determine Tech. Spec. Action Requirements

K/A REFERENCE: 2.1.11

APPLICABLE METHOD OF TESTING: Simulate performance
Simulator

TIME FOR COMPLETION: 15 minutes

APPLICABILITY: [X] RO [X] SRO

TASK STANDARDS:

Determine API operability with Group 38 inoperable.
Enter correct data on Attachment.
SRO determine Tech. Spec. action.

REQUIRED MATERIALS:

DB-NE-03220,
Technical Specifications

GENERAL REFERENCES:

DB-NE-03220,
Technical Specifications

INITIAL CONDITIONS:

Plant EFPD is 100. Plant conditions are as you see following a FW transient.
The plant has been stable for 45 minutes. It has been determined that all of
Group 38 has quit updating and is inoperable.

INITIATING CUES:

The Shift Manager has directed you to perform Attachment 1 of DB-NE-03220,
Imbalance, Tilt, and Rod Index Calcs - Group 38 Alarms Inoperable. (Hand
trainee a copy of DB-NE-03220.)

INITIAL CONDITIONS:

Plant EFPD is 100. Plant conditions are as you see following a FW transient. The plant has been stable for 45 minutes. It has been determined that all of Group 38 has quit updating and is inoperable.

INITIATING CUES:

The Shift Manager has directed you to perform Attachment 1 of DB-NE-03220, Imbalance, Tilt, and Rod Index Calcs - Group 38 Alarms Inoperable. (Hand trainee a copy of DB-NE-03220.)

PERFORMANCE INFORMATION

NOTE: Critical steps denoted with a "C". Failure to meet any one of these standards for this item constitutes failure. Sequence is NOT assumed unless denoted in the "Comments".

START TIME: _____

-
1. PERFORMANCE STEP: Identify Attachment 1, Axial Power Imbalance Alarm Inoperable, requiring completion.

STANDARD: Locate Attachment 1 of DB-NE-03220.

CUE: None.

	SAT UNSAT
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-
2. PERFORMANCE STEP: Enter time.

STANDARD: Correct time entered.

CUE: None.

	SAT UNSAT
--	--------------

-
3. PERFORMANCE STEP: Determine the percent full power source.
.....C.....

STANDARD: Determine power from either panel or RPS voltage.

COMMENT: Must use one of the above with Group 38 not updating.

CUE: (If asked) Use Control Room panel.

	SAT UNSAT
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-
4. PERFORMANCE STEP: Enter the percent full power.
.....C.....

STANDARD: Enter the correct power level from CTRM panel.

CUE: None.

	SAT UNSAT
--	--------------

5. PERFORMANCE STEP: Determine API source.
.....C.....

STANDARD: Determine API source from CTRM panel.

COMMENT: CTRM panel CPT point or RPS voltage are only available.

CUE: (If asked) Use CTRM panel.

SAT UNSAT

6. PERFORMANCE STEP: Enter value for API.
.....C.....

STANDARD: Enter the correct values for API.

CUE: None.

SAT UNSAT

7. PERFORMANCE STEP: Determine API limits from the COLR and enter them on
.....C..... Attachment 1.

STANDARD: Locate Figure 4B in the COLR and enter limits for the percent full power.

CUE: None.

SAT UNSAT

8. PERFORMANCE STEP: Determine limit is exceeded.
.....C.....

STANDARD: Determine CTRM indication on all 4 imbalance indicators exceeds positive limit.

CUE: None.

SAT UNSAT

9. PERFORMANCE STEP: Recognize entry requirement to Tech. Specs. and make
.....C..... notification.

STANDARD: Announce entry into Tech. Spec. 3.2.1.

CUE: None.

SAT UNSAT

10. PERFORMANCE STEP: (SRO only) Determine proper Tech. Spec. action.
.....C.....

STANDARD: Recognize Action A or B will need to be complied with.

CUE: **None.**

SAT UNSAT

TERMINATING CUES: This JPM is complete.

END TIME

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TASK NO.:

TASK DESCRIPTION: Perform Post-Accident Monitoring Instrumentation Check

K/A REFERENCE: 2.2.12

APPLICABLE METHOD OF TESTING: Actual performance
Simulator

TIME FOR COMPLETION: 15 minutes

APPLICABILITY: RO SRO

TASK STANDARDS:

Perform post-accident monitoring instrumentation check and determine instrument is out of tolerance and (SRO only) apply Tech. Spec.

REQUIRED MATERIALS:

DB-SC-03180, Remote Shutdown Post-Accident Monitoring Instrumentation Monthly Channel Check, Rev. 03, C-1

Technical Specifications

GENERAL REFERENCES:

DB-SC-03180, Remote Shutdown Post-Accident Monitoring Instrumentation Monthly Channel Check, Rev. 03, C-1

Technical Specifications

INITIAL CONDITIONS:

100% power

INITIATING CUES:

You have been directed to perform Section 4.4.1 and 4.4.2 of DB-SC-03180, Remote Shutdown Post-Accident Monitoring Instrumentation Monthly Channel Check.

INITIAL CONDITIONS:

100% power

INITIATING CUES:

You have been directed to perform Section 4.4.1 and 4.4.2 of DB-SC-03180, Remote Shutdown Post-Accident Monitoring Instrumentation Monthly Channel Check.

SIMULATOR INSTRUCTIONS

TASK DESCRIPTION:

Perform post-accident panel instrument check.

INITIAL CONDITION:

100% power

ADDITIONAL SETUP/DEVIATION FROM INITIAL CONDITIONS:

Loop 2 RCS pressure PI 6365A set to 100 psig below PI RC2A4 set to .67.

MALFUNCTIONS/FAILURE TO INSERT:

ACTION/CUES:

JPM STEP NUMBER

CUE

PERFORMANCE INFORMATION

NOTE: Critical steps denoted with a "C". Failure to meet any one of these standards for this item constitutes failure. Sequence is NOT assumed unless denoted in the "Comments".

START TIME: _____

1. PERFORMANCE STEP: Record indications and calculate the differences.

STANDARD: Record and calculate the difference for the following indications.

CUE: None.

SAT UNSAT

2. PERFORMANCE STEP: Determine instrument out of tolerance.
.....C.....

STANDARD: Determine RCS Loop 2 pressure difference is greater than 100 psig between PI 6365A and PI RC2A4.

POST-ACCIDENT PANEL

<u>PARAMETER</u>	<u>C5798</u>	<u>C5799</u>
a. CTMT Normal Sump Level Difference=_____ (Tolerance ≤0.2 feet)	LI 4617 _____	LI 4618 _____
b. CTMT Vessel Level Wide Range (WR) Difference=_____ (Tolerance ≤6 feet)	LI 4594 _____	LI 4595 _____
c. CTMT Pressure (WR) Difference=_____ (Tolerance ≤4 psia)	PI 4588 _____	PI 4587 _____
d. RCS Pressure (Loop 1) Difference=_____ (Tolerance ≤100 psig)	PI RC2B4 _____ (C5716)	PI 6365B _____
e. RCS Pressure (Loop 2) Difference=_____ (Tolerance ≤100 psig)	PI 6365A _____	PI RC2A4 _____ (C5716)
f. RCS Loop 1 Hot Leg Temperature Difference=_____ (Tolerance ≤8°F)	TI RC3B6 _____	TI RC3B5 _____

POST-ACCIDENT PANEL

<u>PARAMETER</u>	<u>C5798</u>	<u>C5799</u>
g. RCS Loop 2 Hot Leg Temperature Difference=_____ (Tolerance ≤8°F)	TI RC3A6 _____	TI RC3A5 _____
h. Neutron Flux (wide range) Difference=_____ (Tolerance ≤0.3 decades)	NI 5875B _____	NI 5874B _____
i. Neutron Flux (source range) Difference=_____ (Tolerance ≤0.3 decades)	NI 5875A _____	NI 5874A _____

CUE: **None.**

SAT UNSAT

3. PERFORMANCE STEP: Make notification out of tolerance indication.

STANDARD: Notify Shift Manager of out of tolerance indication.

CUE: **Shift Manager indicates he will write Condition Report.
(For SRO) You are directed to check Tech. Specs. for proper compliance.**

SAT UNSAT

4. PERFORMANCE STEP: Check Tech. Spec. for entry condition.
.....C.....

STANDARD: Checks Tech. Spec. 3.3.3.6 and Table 3.3.10 and determines that 3.3.3.6, Action A applies.

CUE: **None.**

SAT UNSAT

TERMINATING CUES: This JPM is complete.

END TIME

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TASK NO.: 000-058-05-0100

TASK DESCRIPTION: Check Out a Radiation Detector in the RRA

K/A REFERENCE: 2.3.10

APPLICABLE METHOD OF TESTING: Actual performance
In-plant

TIME FOR COMPLETION:

APPLICABILITY: [X] RO [X] SRO

TASK STANDARDS:

1. Ensure the portable radiation detector is within the Calibration due date.
2. Verify the portable radiation detector is functional.
3. Ensure the portable radiation detector has been source checked or perform a source check.

REQUIRED MATERIALS:

Radiation Detector
Check Source

GENERAL REFERENCES:

DB-HP-01103, Use of Portable Radiation, Contamination and Airborne Survey Equipment, Revision 01, Change 2
DB-HP-00010, Radiation Measuring and Test Equipment Calibration and Control Program, Revision 03, Change 4

INITIAL CONDITIONS:

A large break LOCA has occurred.

LPI Pump 2 failed to start.

The motor outboard bearing temperature on LPI pump 1 is slowly increasing.

INITIATING CUES:

The Shift Manager has directed you to inspect the motor on LPI Pump 1 for a potential cause.

RP coverage is not available and you are required to obtain a portable radiation detector prior to entering RRA.

INITIAL CONDITIONS:

A large break LOCA has occurred.

LPI Pump 2 failed to start.

The motor outboard bearing temperature on LPI Pump 1 is slowly increasing.

INITIATING CUES:

The Shift Manager has directed you to inspect the motor on LPI Pump 1 for a potential cause.

RP coverage is not available and you are required to obtain a portable radiation detector prior to entering RRA.

PERFORMANCE INFORMATION

NOTE: Critical steps denoted with a "C". Failure to meet any one of these standards for this item constitutes failure. Sequence is assumed unless denoted in the "Comments".

START TIME: _____

-
1. PERFORMANCE STEP: Locate a copy of DB-HP-01103, Use of Portable Radiation, Contamination and Airborne Survey Equipment.

STANDARD: Obtain a copy of DB-HP-01103.

COMMENT: Trainee may elect to use his memory to perform this task.

CUE: None.

SAT UNSAT

-
2. PERFORMANCE STEP: Obtain a Portable Radiation Detector.
.....C.....

STANDARD: Obtain a Bicron RSO-5 or an Eberline RO2 at the entrance to the RRA.

CUE: None.

SAT UNSAT

-
3. PERFORMANCE STEP: Ensure instrument is not past its calibration due date.

STANDARD: Verify the date on the " Calibration" sticker has not been exceeded.

CUE: None.

SAT UNSAT

-
4. PERFORMANCE STEP: Inspect for physical damage.

STANDARD: Physically inspect the instrument for any damage.

CUE: None.

SAT UNSAT

5. PERFORMANCE STEP: Ensure the mechanical zero is correct.

STANDARD: Verify that the instrument's output meter reads zero with the instrument off.

CUE: **None.**

SAT UNSAT

6. PERFORMANCE STEP: Turn on the instrument and verify the electronic zero is correct.

STANDARD: Turn on the instrument and verify that it is electronically zeroed.

CUE: **None.**

SAT UNSAT

7. PERFORMANCE STEP: Perform a battery check.

.....C.....

STANDARD: Ensure the instrument indicates the battery is good.

CUE: **Meter indicates zero.**

SAT UNSAT

8. PERFORMANCE STEP: Obtain a replacement Portable Radiation Detector.

.....C.....

STANDARD: Obtain another Bicron RSO-5 or an Eberline RO2 at the entrance to the RRA.

CUE: **None.**

SAT UNSAT

9. PERFORMANCE STEP: Ensure instrument is not past its calibration due date.

STANDARD: Verify the date on the " Calibration" sticker has not been exceeded.

CUE: **None.**

SAT UNSAT

10. PERFORMANCE STEP: Inspect for physical damage.

STANDARD: Physically inspect the instrument for any damage.

CUE: **None.**

SAT UNSAT

11. PERFORMANCE STEP: Ensure the mechanical zero is correct.

STANDARD: Verify that the instrument's output meter reads zero with the instrument off.

CUE: **None.**

SAT UNSAT

12. PERFORMANCE STEP: Turn on the instrument and verify the electronic zero is correct.

STANDARD: Turn on the instrument and verify that it is electronically zeroed.

CUE: **None.**

SAT UNSAT

13. PERFORMANCE STEP: Perform a battery check.

.....C.....

STANDARD: Ensure the instrument indicates the battery is good.

CUE: **None.**

SAT UNSAT

14. PERFORMANCE STEP: Ensure the completion of, or perform a source check
C..... on the instrument.

STANDARD: Verify the instrument's response is within \pm 20% of source's value.

CUE: Daily source check sticker has not been initialed for today's date.
 (If trainee attempts to get another replacement meter) No additional hand-held radiation detectors are available.

SAT UNSAT

15. PERFORMANCE STEP: Sign out the instrument.

STANDARD: Fill out the Instrument Use/Response Log, Attachment 7 of DB-HP-00010, Radiation Measuring and Test Equipment Calibration and Control Program.

CUE: None.

SAT UNSAT

16. PERFORMANCE STEP: Survey for radiation levels while enroute to ECCS
C..... Room 2.

STANDARD: Frequently check hand-held radiation detector indication while travelling through the Auxiliary Building. Sweeps area in front of and to both sides of his location with the hand-held radiation detector.

COMMENT: Depending on the scale selected by the trainee, the cue may need to be modified to indicate the meter is reading full scale.

CUE: (Outside door 105 if trainee is monitoring hand-held radiation detector) Radiation detector indicates 25 Rem/hr.

SAT UNSAT

17. PERFORMANCE STEP: Leave the area and notify Shift Manager.
.....C.....

STANDARD: Go to a safe dosage area and call the Shift Manager.

COMMENT: As the trainee leaves the area provide decreasing radiation level cues.

Depending on the scale selected by the trainee, the cue may need to be modified to indicate the meter is reading zero.

CUE: (If trainee is monitoring hand-held radiation detector) Radiation detector indicates 100 mRem/hr.

Shift Manager directs you to standby.

SAT UNSAT

TERMINATING CUES: This JPM is complete.

END TIME

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TASK NO.: 334-004-05-0300

TASK DESCRIPTION: Activate CANS on an Alert

K/A REFERENCE: 2.4.43

APPLICABLE METHOD OF TESTING: Simulate performance
Simulator

TIME FOR COMPLETION: 10 minutes

APPLICABILITY: [] RO [X] SRO

TASK STANDARDS:

Activate the computer operated notification system.

REQUIRED MATERIALS:

RA-EP-02110, Emergency Notification

GENERAL REFERENCES:

RA-EP-02110, Emergency Notification

INITIAL CONDITIONS:

Plant is shut down. RCS leak in progress.

INITIATING CUES:

The Shift Manager has declared an Alert classification based on EAL 2.A.2, RCS leakage. He has directed you to notify the ERO using the CANS System.

INITIAL CONDITIONS:

Plant is shut down. RCS leak in progress.

INITIATING CUES:

You are the spare Reactor Operator. The Shift Manager has declared an Alert classification based on EAL 2.A.2, RCS leakage. He has directed you to notify the ERO using the CANS System.

PERFORMANCE INFORMATION

NOTE: Critical steps denoted with a "C". Failure to meet any one of these standards for this item constitutes failure. Sequence is NOT assumed unless denoted in the "Comments".

START TIME: _____

1. PERFORMANCE STEP: Locates the correct procedure and section.

STANDARD: Identifies RA-EP-02110, Section 6 as the correct procedure and section.

CUE: If asked, plant announcements have been made per step 6.1.

SAT UNSAT

2. PERFORMANCE STEP: Obtain scenario password.
.....C.....

STANDARD: Request scenario password from Shift Manager.

CUE: Scenario activation code is 299541844.

SAT UNSAT

3. PERFORMANCE STEP: Obtain classification from Emergency Director.

STANDARD: Obtain "Alert" classification from Emergency Director.

COMMENT: "Alert" is given in the cue (2222).

CUE: None.

SAT UNSAT

4. PERFORMANCE STEP: Obtain CANS access number.

STANDARD: Obtain CANS access number from the Immediate Notification Numbers section of the Emergency Plan Telephone Directory.

CUE: None.

SAT UNSAT

5. PERFORMANCE STEP: Dial CANS number.
.....C.....

STANDARD: Dial CANS number from a touch-tone phone.

CUE: Once dialed, inform them 10 minutes has elapsed. CTRM pager has not responded, neither has the CAS pager.

SAT UNSAT

6. PERFORMANCE STEP: Contact on-call Emergency Off-Site Manager.
.....C.....

STANDARD: Use the on-call report to contact the Emergency Off-Site Manager.

CUE: Emergency Off-Site Manager says his pager did not respond.

SAT UNSAT

7. PERFORMANCE STEP: Go to Section 6.3.
.....C.....

STANDARD: Determine CANS is not working and go to Section 6.3.

CUE: None.

SAT UNSAT

8. PERFORMANCE STEP: Manually activate ERO Group Page.
.....C.....

STANDARD: Obtain ERO Numeric Group pager number.

COMMENT: 1-800-405-4758, PIN# 2533024

CUE: None.

SAT UNSAT

9. PERFORMANCE STEP: Enter the proper classification code.
.....C.....

STANDARD: Enter Code 2222 for an "Alert" .

CUE: Five minutes has passed. The CTRM pager shows " 2222" .
The Control Room has received a FAX; all appropriate ERO personnel have been notified

SAT UNSAT

TERMINATING CUES: This JPM is complete.

END TIME

VERIFICATION OF COMPLETION

Operator _____ Evaluator _____

SSN _____ Date _____

License: RO SRO

Validated Completion Time: _____ minutes

Actual Completion Time: _____ minutes

Acceptable Progress Maintained: Yes No N/A

Result: SATISFACTORY UNSATISFACTORY

NOTE: An "Unsatisfactory" requires Comment and will require subsequent remedial training.

Comments/Feedback: _____

Evaluator's Signature / Date

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TASK NO.: 334-004-05-0300

TASK DESCRIPTION: Notify State and Counties on an Alert

K/A REFERENCE: 2.4.43

APPLICABLE METHOD OF TESTING: Simulate performance
Simulator
Alternate Path

TIME FOR COMPLETION: 15 minutes, (Time Critical)

APPLICABILITY: RO SRO

TASK STANDARDS:

Activate the four-way ringdown circuit.
Contact State of Ohio using the Emergency Plan Telephone Directory

REQUIRED MATERIALS:

RA-EP-02110, Emergency Notification
Davis-Besse Emergency Plan Telephone Directory

GENERAL REFERENCES:

RA-EP-02110, Emergency Notification
Davis-Besse Emergency Plan Telephone Directory

INITIAL CONDITIONS:

Plant is shut down. An RCS leak is in progress.

INITIATING CUES:

You are the spare Reactor Operator. The Shift Manager has declared an Alert classification based on RCS leakage. He has directed you to notify the Ottawa County, Lucas County, and the State of Ohio using the Initial Notification Form in accordance with RA-EP-02110, Emergency Notifications. (Provide candidate with an Initial Notification Form. Add current date and current time minus 5 minutes to step 4.a of the Initial Notification Form)

INITIAL CONDITIONS:

Plant is shut down. An RCS leak is in progress.

INITIATING CUES:

You are the spare Reactor Operator. The Shift Manager has declared an Alert classification based on RCS leakage. He has directed you to notify the Ottawa County, Lucas County, and the State of Ohio using the Initial Notification Form in accordance with RA-EP-02110, Emergency Notifications.

SIMULATOR INSTRUCTIONS

TASK DESCRIPTION:

Notify State and Counties on an Alert.

INITIAL CONDITION:

Any

ADDITIONAL SETUP/DEVIATION FROM INITIAL CONDITIONS:

None

MALFUNCTIONS/FAILURE TO INSERT:

None

ACTION/CUES:

JPM STEP NUMBER

CUE

- | | |
|---|---|
| 2 | Answer 4-way ringdown phone as Lucas County and Ottawa County. |
| 5 | Role play as Lucas County and Ottawa County. Repeat back information as needed. |
| 7 | Role play as State of Ohio. |

PERFORMANCE INFORMATION

NOTE: Critical steps denoted with a "C". Failure to meet any one of these standards for this item constitutes failure. Sequence is NOT assumed unless denoted in the "Comments".

START TIME: _____

1. PERFORMANCE STEP: Locates the correct procedure and section.

STANDARD: Identifies RA-EP-02110, Section 6.2 as the correct procedure and section.

CUE: None.

SAT UNSAT

2. PERFORMANCE STEP: Activate the Davis-Besse 4-way ringdown circuit.
.....C.....

STANDARD: Picks up receiver for 4-way ringdown phone.

CUE: None

SAT UNSAT

3. PERFORMANCE STEP: Recognize State of Ohio is not on the 4-way ringdown circuit.

STANDARD: Reports State of Ohio did not answer the 4-way ringdown phone.

CUE: (If asked) Shift Manager directs you to continue with Notifications in accordance with RA-EP-02110.

SAT UNSAT

4. PERFORMANCE STEP: Document notification on Emergency Notification Cover Sheet.

STANDARD: Document agency notified, time of contact and if the 4-way ringdown phone was used.

CUE: None.

SAT UNSAT

5. PERFORMANCE STEP: Transmit information from the Initial Notification
C..... Form.

STANDARD: Inform Lucas County and Ottawa County.

CUE: None

SAT UNSAT

6. PERFORMANCE STEP: Contact State of Ohio using the Emergency Plan
C..... Telephone Directory.

STANDARD: Locate phone number for State of Ohio. Highway Patrol number is 614-466-2660.

CUE: None

SAT UNSAT

7. PERFORMANCE STEP: Contact State of Ohio using the Emergency Plan
C..... Telephone Directory

STANDARD: Use normal telephone to contact State of Ohio.

CUE: None.

SAT UNSAT

TERMINATING CUES: This JPM is complete.

END TIME

