DRAFT SUBMITTAL

TURKEY POINT RETAKE EXAM
50-250, 50-251/2001-301

MAY 4, 2001

DRAFT ADMIN JPMS

JPM STUDENT IC SHEET

THE TASK YOU ARE TO PERFORM IS:

PERFORM OPERABILITY CHECK OF AFD ALARM

I WILL DESCRIBE THE GENERAL CONDITIONS FOR THE TASK YOU WILL PERFORM AND PROVIDE THE INITIATING CUES.

INITIAL CONDITIONS:

UNIT 3 IS IN MODE 1

INITIATING CUE:

YOU ARE THE ADMIN RCO AND THE NPS HAS DIRECTED YOU TO PERFORM 0-OSP-059.9, COMPUTER AXIAL FLUX MONITOR VERIFICATION, SECTION 7.1, OPERABILITY CHECK OF AFD ALARM FOR UNIT 3.

During the performance of this task, I will tell you which steps to simulate or discuss. Explain each step BEFORE you do it. Do you understand my directions to you?

If you have any questions, ask them now and I will answer them. During the test, I cannot answer questions. When you complete all the steps correctly, you will pass this Job Performance Measure.

Before starting the task, a pre-job safety tailboard must be conducted and documented per 0-ADM-033, PTN Industrial Safety Program.

NOTE: If this task performance evaluations is being administered as part of a multi-JPM exam (LOCT Annual Exam, RCO/SRCO Initial License Audit Exam, NRC Exam, etc.) then one pre-job safety tailboard conducted prior to the evaluation will satisfy this requirement. A pre-job safety tailboard is not required for No-Tell JPMs.

Failure to follow the PTN safety and radiological work practices will result in failure of this task.

Begin the task now.

D

JOB PERFORMANCE MEASURE WORKSHEET-JPM #G2119NRCEXAM

JOB CLASSIFICATION: RCO

JPM TITLE: PERFORM OPERABILITY CHECK OF AFD ALARM

JPM NUMBER: 2119 JPM TYPE: NORMAL PATH

JPM REV. DATE: 03/14/01

NUCLEAR SAFETY IMPORTANCE: 3.00

COMBINED IMPORTANCE: 3.00

TIME VALIDATION: 15 MINUTES

AN 'X' BELOW INDICATES THE APPLICABLE METHOD(S) OF TESTING WHICH MAY BE USED:

PERFORM:_____ SIMULATE: X DISCUSS:_____

INSTRUCTOR'S INFORMATION

TASK STANDARDS:

0-OSP-059.9, COMPUTER AXIAL FLUX MONITOR VERIFICATION, SECTION 7.1 COMPLETED THROUGH STEP 7.1.11

REQUIRED MATERIALS:

0-OSP-059.9, COMPUTER AXIAL FLUX MONITOR VERIFICATION

REFERENCES:

0-OSP-059.9, COMPUTER AXIAL FLUX MONITOR VERIFICATION

TERMINATING CUES:

3-OSP-059.9 STEP 7.1.11 HAS BEEN COMPLETED

READ TO THE TRAINEE

THE TASK YOU ARE TO PERFORM IS:

PERFORM OPERABILITY CHECK OF AFD ALARM

I WILL DESCRIBE THE GENERAL CONDITIONS FOR THE TASK YOU WILL PERFORM AND PROVIDE THE INITIATING CUES.

INITIAL CONDITIONS:

UNIT 3 IS IN MODE 1

INITIATING CUE:

YOU ARE THE ADMIN RCO AND THE NPS HAS DIRECTED YOU TO PERFORM 0-OSP-059.9, COMPUTER AXIAL FLUX MONITOR VERIFICATION, SECTION 7.1, OPERABILITY CHECK OF AFD ALARM FOR UNIT 3.

During the performance of this task, I will tell you which steps to simulate or discuss. Explain each step BEFORE you do it. Do you understand my directions to you?

If you have any questions, ask them now and I will answer them. During the test, I cannot answer questions. When you complete all the steps correctly, you will pass this Job Performance Measure.

Before starting the task, a pre-job safety tailboard must be conducted and documented per 0-ADM-033, PTN Industrial Safety Program.

NOTE: If this task performance evaluations is being administered as part of a multi-JPM exam (LOCT Annual Exam, RCO/SRCO Initial License Audit Exam, NRC Exam, etc.) then one pre-job safety tailboard conducted prior to the evaluation will satisfy this requirement. A pre-job safety tailboard is not required for No-Tell JPMs.

Failure to follow the PTN safety and radiological work practices will result in failure of this task.

Begin the task now.

( ) ELEMENT: 1

OBTAIN COPY OF 0-OSP-059.9

STANDARDS:

__1. OBTAINED COPY OF 3-OSP-059.9

__2. VERIFIED CURRENT REVISION WITH NO OUTSTANDING OTSCS

EVALUATOR'S NOTES:

None

( ) ELEMENT: 2

ENTER AXIAL FLUX MONITOR IN OUT OF SERVICE LOG

STANDARDS:

__1. NOTED NEED TO ENTER AXIAL FLUX MONITOR IN OUT OF SERVICE LOG

EVALUATOR'S NOTES:

Step 7.1.1

CUE: Inform Candidate that another Operator will enter the Axial Flux Monitor in the Out of Service Log.

( ) ELEMENT: 3

COMPLIES WITH LOGGING REQUIREMENTS OF T.S. 4.2.1.1

STANDARDS:

__1. REVIEWED T.S. 4.2.1.1

EVALUATOR'S NOTES:

AFD does not need to be logged at this time.

CUE: Inform Candidate that another Operator will monitor axial flux and take care of the logging requirements.

(C) ELEMENT: 4

ENTER DUMMY VALUES ON OPERATOR'S OPCON

STANDARDS:

__1. ENTERED EN DU 1677 100.0 <EXEC>

__2. ENTERED EN DU 1657 100.0 <EXEC>

__3. ENTERED EN DU 1659 100.0 <EXEC>

__4. ENTERED EN DU 1658 50.0 <EXEC>

__5. ENTERED EN DU 1660 50.0 <EXEC>

EVALUATOR'S NOTES:

Step 7.1.2.1 through 7.1.2.5

CUE: For each standard, "Entry made as stated."

(C) ELEMENT: 5

VERIFY ANNUNCIATOR G 5/1 ALARMS

STANDARDS:

__1. VERIFIED ANNUNCIATOR G 5/1 IN ALARM

EVALUATOR'S NOTES:

Step 7.1.3

CUE: "Alarm is as stated."

(C) ELEMENT: 6

VERIFY ANNUNCIATOR G 5/2 ALARMS

STANDARDS:

__1. VERIFIED ANNUNCIATOR G 5.2 IN ALARM

EVALUATOR'S NOTES:

STEP 7.1.4

CUE: "Alarm is as stated."

(C) ELEMENT: 7

ENTER DUMMY VALUES ON OPERATOR'S OPCON

STANDARDS:

__1. ENTERED CL DU 1677 <EXEC>

__2. ENTERED CL DU 1657 <EXEC>

__3. ENTERED CL DU 1659 <EXEC>

__4. ENTERED CL DU 1658 <EXEC>

__5. ENTERED CL DU 1660 <EXEC>

EVALUATOR'S NOTES:

Step 7.1.7.1 through 7.1.7.5

CUE: For each standard, "Entry made as stated."

(C) ELEMENT: 8

VERIFY ALL DUMMY VALUES REMOVED

STANDARDS:

__1. PRESSED <PLANT>

__2. PRESSED <POINT REVIEW>

__3. TYPED IN THE NUMBER 2 FOR THE ANALOG POINTS OFF SCAN REPORT

__4. PRESSED <ENTER>

EVALUATOR'S NOTES:

Step 7.1.8.1 through 7.1.8.4

CUE: For each standard, "Entry made as stated."

CUE: For standard 4, "Report is as stated."

( ) ELEMENT: 9

VERIFY POINTS NOT LISTED

STANDARDS:

__1. VERIFIED DDPSA 128 - UNIT 3 NOT ON ANALOG POINTS OFF SCAN REPORT

__2. VERIFIED DDPSA 108 - UNIT 3 NOT ON ANALOG POINTS OFF SCAN REPORT

__3. VERIFIED DDPSA 110 - UNIT 3 NOT ON ANALOG POINTS OFF SCAN REPORT

__4. VERIFIED DDPSA 109 - UNIT 3 NOT ON ANALOG POINTS OFF SCAN REPORT

__5. VERIFIED DDPSA 111 - UNIT 3 NOT ON ANALOG POINTS OFF SCAN REPORT

EVALUATOR'S NOTES:

Step 7.1.9.1 through 7.1.9.5

CUE: For each standard, "Point is not on analog points off scan report."

( ) ELEMENT: 10

NOTIFY NPS THAT AFD ALARMS ARE IN SERVICE

STANDARDS:

__1. NOTIFIED NPS THAT AFD ALARMS ARE IN SERVICE

EVALUATOR'S NOTES:

Step 7.1.10

CUE: Evaluator acknowledge as NPS

( ) ELEMENT: 11

REMOVE AXIAL FLUX MONITOR FROM OUT OF SERVICE LOG

STANDARDS:

__1. NOTED NEED TO REMOVE AXIAL FLUX MONITOR FROM OUT OF SERVICE LOG

EVALUATOR'S NOTES:

Step 7.1.11

CUE: Inform Candidate that another Operator will remove the Axial Flux Monitor from the Out of Service Log.

Inform Candidate that JPM has been completed

JPM STUDENT IC SHEET

THE TASK YOU ARE TO PERFORM IS:

CALCULATE BORON ADDITION FOR MODE 5.

I WILL DESCRIBE THE GENERAL CONDITIONS FOR THE TASK YOU WILL PERFORM AND PROVIDE THE INITIATING CUES.

INITIAL CONDITIONS:

1. 2 HOURS AGO UNIT 3 TRIPPED FROM HFP.

2. ALL CONTROL RODS ARE FULLY INSERTED.

3. CURRENT PLANT CONDITIONS ARE:

   TAVG = 547°F
   RCS BORON = 1020 PPM
   CORE BURNUP = 3,000 MWD/MTU

4. IT IS NECESSARY TO COOLDOWN TO 100°F.

INITIATING CUE:

YOU ARE TO CALCULATE THE GALLONS OF BORIC ACID THAT MUST BE ADDED BEFORE COOLDOWN CAN BE COMMENCED. BE CONSERVATIVE WHERE APPROPRIATE.

During the performance of this task, I will tell you which steps to simulate or discuss. Explain each step BEFORE you do it. Do you understand my directions to you?

If you have any questions, ask them now and I will answer them. During the test, I cannot answer questions. When you complete all the steps correctly, you will pass this Job Performance Measure.

Before starting the task, a pre-job safety tailboard must be conducted and documented per 0-ADM-033, PTN Industrial Safety Program.

D

NOTE: If this task performance evaluations is being administered as part of a multi-JPM exam (LOCT Annual Exam, RCO/SRCO Initial License Audit Exam, NRC Exam, etc.) then one pre-job safety tailboard conducted prior to the evaluation will satisfy this requirement. A pre-job safety tailboard is not required for No-Tell JPMs.

Failure to follow the PTN safety and radiological work practices will result in failure of this task.

Begin the task now.

JOB PERFORMANCE MEASURE WORKSHEET-JPM #G2125NRCEXAM

JOB CLASSIFICATION: RCO

JPM TITLE: CALCULATE BORON ADDITION

JPM NUMBER: 2125 JPM TYPE: NORMAL PATH

JPM REV. DATE: 03/14/01

NUCLEAR SAFETY IMPORTANCE: 3.00

COMBINED IMPORTANCE: 3.00

TIME VALIDATION: 15 MINUTES

AN 'X' BELOW INDICATES THE APPLICABLE METHOD(S) OF TESTING WHICH MAY BE USED:

PERFORM: X SIMULATE: _____ DISCUSS: _____

INSTRUCTOR'S INFORMATION

TASK STANDARDS:

1. BORON ACID ADDITION CALCULATED TO BE 4575 GALLONS

REQUIRED MATERIALS:

1. PLANT CURVE BOOK
2. 3/4-GOP-305, HOT STANDBY TO COLD SHUTDOWN

REFERENCES:

1. 3/4-GOP-305, HOT STANDBY TO COLD SHUTDOWN
2. CURVE BOOK SECTION 3 FIGURE 2, BORON CHANGE TABLES
3. CURVE BOOK SECTION 3 FIGURE 5A, MINIMUM SHUTDOWN BORON AS A FUNCTION OF BURNUP
4. 0-OP-046, CVCS - BORON CONCENTRATION CONTROL

TERMINATING CUES:

BORON ADDITION HAS BEEN CALCULATED

READ TO THE TRAINEE

THE TASK YOU ARE TO PERFORM IS:

CALCULATE BORON ADDITION FOR MODE 5.

I WILL DESCRIBE THE GENERAL CONDITIONS FOR THE TASK YOU WILL PERFORM AND PROVIDE THE INITIATING CUES.

INITIAL CONDITIONS:

1. 2 HOURS AGO UNIT 3 TRIPPED FROM HFP.

2. ALL CONTROL RODS ARE FULLY INSERTED.

3. CURRENT PLANT CONDITIONS ARE:

   TAVG = 547°F
   RCS BORON = 1020 PPM
   CORE BURNUP = 3,000 MWD/MTU

4. IT IS NECESSARY TO COOLDOWN TO 100°F.

INITIATING CUE:

YOU ARE TO CALCULATE THE GALLONS OF BORIC ACID THAT MUST BE ADDED BEFORE COOLDOWN CAN BE COMMENCED. BE CONSERVATIVE WHERE APPROPRIATE.

During the performance of this task, I will tell you which steps to simulate or discuss. Explain each step BEFORE you do it. Do you understand my directions to you?

If you have any questions, ask them now and I will answer them. During the test, I cannot answer questions. When you complete all the steps correctly, you will pass this Job Performance Measure.

Before starting the task, a pre-job safety tailboard must be conducted and documented per 0-ADM-033, PTN Industrial Safety Program.

NOTE: If this task performance evaluations is being administered as part of a multi-JPM exam (LOCT Annual Exam, RCO/SRCO Initial License Audit Exam, NRC Exam, etc.) then one pre-job safety tailboard conducted prior to the evaluation will satisfy this requirement. A

pre-job safety tailboard is not required for No-Tell JPMs.

Failure to follow the PTN safety and radiological work practices will result in failure of this task.

Begin the task now.

(C) ELEMENT: 1

DETERMINE BORON CONCENTRATION FOR MODE 5

STANDARDS:

__1. DETERMINED REQUIRED BORON FOR MODE 5 TO BE 1420 PPM.

EVALUATOR'S NOTES:

This value may be determined from Section 3, Figures 5 or 5A. If Figure 5 is used, Candidate should be able to read graph to ½ of 1 increment; i.e., 1445 TO 1395 ppm.

Candidate should use more conservative value for 0 MWD/MTU.

(C) ELEMENT: 2

DETERMINE AMOUNT OF BORON ADDITION NECESSARY TO INCREASE RCS CONCENTRATION TO 1420 PPM.

STANDARDS:

__1. DETERMINED 4575 GALLONS OF BORON ACID REQUIRED.

EVALUATOR'S NOTES:

This value may be determined from Curve Book Section 3 Figure 2 Page 1 of 11 or Pages 7 & 8 of 11.

The correct addition depends on the boron concentration requirement determined in Element 1.

4875 gallons is the addition required for 1445 ppm.
4276 gallons is the addition required for 1395 ppm.

Inform Candidate that JPM has been completed

JPM STUDENT IC SHEET

THE TASK YOU ARE TO PERFORM IS:

DETERMINE CONTINGENCY ACTION(S).

I WILL DESCRIBE THE GENERAL CONDITIONS FOR THE TASK YOU WILL PERFORM AND PROVIDE THE INITIATING CUES.

INITIAL CONDITIONS:

1. UNIT 3 WAS SHUTDOWN 8 DAYS AGO.

2. THE REACTOR VESSEL HEAD WAS PULLED EARLIER THIS SHIFT.

3. REACTOR CAVITY FLOODING HAS NOT BEEN COMMENCED.

4. LIS-3-6421, "REACTOR VESSEL DRAINDOWN LEVEL," AND LIS-3-6422, "REACTOR VESSEL DRAINDOWN HOSE," INDICATORS HAVE JUST BEEN REPORTED INOPERABLE.

INITIATING CUE:

YOU ARE THE RCO AND THE NPS HAS DIRECTED YOU TO DETERMINE THE CORRECT CONTINGENCY ACTION(S) PER 0-ADM-051, OUTAGE RISK ASSESSMENT AND CONTROL.

During the performance of this task, I will tell you which steps to simulate or discuss. Explain each step BEFORE you do it. Do you understand my directions to you?

If you have any questions, ask them now and I will answer them. During the test, I cannot answer questions. When you complete all the steps correctly, you will pass this Job Performance Measure.

Before starting the task, a pre-job safety tailboard must be conducted and documented per 0-ADM-033, PTN Industrial Safety Program.

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NOTE: If this task performance evaluations is being administered as part of a multi-JPM exam (LOCT Annual Exam, RCO/SRCO Initial License Audit Exam, NRC Exam, etc.) then one pre-job safety tailboard conducted prior to the evaluation will satisfy this requirement. A pre-job safety tailboard is not required for No-Tell JPMs.

Failure to follow the PTN safety and radiological work practices will result in failure of this task.

Begin the task now.

JOB PERFORMANCE MEASURE WORKSHEET-JPM #G2226NRCEXAM

JOB CLASSIFICATION: RCO

JPM TITLE: PERFORM CONTINGENCY ACTIONS

JPM NUMBER: 2226 JPM TYPE: NORMAL PATH

JPM REV. DATE: 03/19/01

NUCLEAR SAFETY IMPORTANCE: 3.00

COMBINED IMPORTANCE: 3.00

TIME VALIDATION: 15 MINUTES

AN 'X' BELOW INDICATES THE APPLICABLE METHOD(S) OF TESTING WHICH MAY BE USED:

PERFORM: X SIMULATE: _____ DISCUSS: _____

INSTRUCTOR'S INFORMATION

TASK STANDARDS:

CONTINGENCY ACTIONS CORRECTLY STATED

REQUIRED MATERIALS:

0-ADM-051, OUTAGE RISK ASSESSMENT AND CONTROL

REFERENCES:

0-ADM-051, OUTAGE RISK ASSESSMENT AND CONTROL

TERMINATING CUES:

CONTINGENCY ACTIONS HAVE BEEN STATED

READ TO THE TRAINEE

THE TASK YOU ARE TO PERFORM IS:

DETERMINE CONTINGENCY ACTION(S).

I WILL DESCRIBE THE GENERAL CONDITIONS FOR THE TASK YOU WILL PERFORM AND PROVIDE THE INITIATING CUES.

INITIAL CONDITIONS:

1. UNIT 3 WAS SHUTDOWN 8 DAYS AGO.

2. THE REACTOR VESSEL HEAD WAS PULLED EARLIER THIS SHIFT.

3. REACTOR CAVITY FLOODING HAS NOT BEEN COMMENCED.

4. LIS-3-6421, "REACTOR VESSEL DRAINDOWN LEVEL," AND LIS-3-6422, "REACTOR VESSEL DRAINDOWN HOSE," INDICATORS HAVE JUST BEEN REPORTED INOPERABLE.

INITIATING CUE:

YOU ARE THE RCO AND THE NPS HAS DIRECTED YOU TO DETERMINE THE CORRECT CONTINGENCY ACTION(S) PER 0-ADM-051, OUTAGE RISK ASSESSMENT AND CONTROL.

During the performance of this task, I will tell you which steps to simulate or discuss. Explain each step BEFORE you do it. Do you understand my directions to you?

If you have any questions, ask them now and I will answer them. During the test, I cannot answer questions. When you complete all the steps correctly, you will pass this Job Performance Measure.

Before starting the task, a pre-job safety tailboard must be conducted and documented per 0-ADM-033, PTN Industrial Safety Program.

NOTE: If this task performance evaluations is being administered as part of a multi-JPM exam (LOCT Annual Exam, RCO/SRCO Initial License Audit Exam, NRC Exam, etc.) then one pre-job safety tailboard conducted prior to the evaluation will satisfy this requirement. A

pre-job safety tailboard is not required for No-Tell JPMs.

Failure to follow the PTN safety and radiological work practices will result in failure of this task.

Begin the task now.

( ) ELEMENT: 1

OBTAIN COPY OF 0-ADM-051

STANDARDS:

__1. OBTAINED COPY OF 0-ADM-051

__2. VERIFIED CURRENT REVISION WITH NO OUTSTANDING OTSCS

EVALUATOR'S NOTES:

None

( ) ELEMENT: 2

DETERMINE CORRECT PHASE

STANDARDS:

__1. DETERMINED UNIT IS IN A PHASE 1 CONDITION

EVALUATOR'S NOTES:

Per step 4.11, Phase 1 is the first 240 hours following unit shutdown.

( ) ELEMENT: 3

DETERMINE CORRECT ENCLOSURE

STANDARDS:

__1. DETERMINED ENCLOSURE 3 IS CORRECT ENCLOSURE FOR PLANT CONDITIONS

EVALUATOR'S NOTES:

Already determined unit is in Phase 1. Per the initial conditions, the loops are not available and temperature is less than 200°F.

(C) ELEMENT: 4

DETERMINE IF UNIT MEETS REQUIRED EQUIPMENT

STANDARDS:

__1. DETERMINED LESS THAN REQUIRED EQUIPMENT IS AVAILABLE

EVALUATOR'S NOTES:

O-ADM-051 bottom of page 61 (Enclosure 3 page 7 of 9).

Required equipment is two channels available, one with Control Room readout.

(C) ELEMENT: 5

DETERMINE CONTINGENCY ACTIONS

STANDARDS:

__1. DETERMINED RCS LEVEL MUST BE MAINTAINED HIGHER THAN THREE FEET BELOW THE VESSEL FLANGE.

__2. DETERMINED RCS INVENTORY SHALL NOT BE REDUCED UNTIL TWO CHANNELS ARE AVAILABLE.

__3. DETERMINED THE NEED TO INVESTIGATE THE POSSIBILITY OF VERIFYING REACTOR VESSEL LEVEL BY SOME OTHER MEANS, SUCH AS LEVEL HOSE.

EVALUATOR'S NOTES:

O-ADM-051 bottom of page 61 (Enclosure 3 page 7 of 9).

Inform Candidate that JPM has been completed

JPM STUDENT IC SHEET

THE TASK YOU ARE TO PERFORM IS:

READ A SURVEY MAP AND APPLY RWP REQUIREMENTS

I WILL DESCRIBE THE GENERAL CONDITIONS FOR THE TASK YOU WILL PERFORM AND PROVIDE THE INITIATING CUES.

INITIAL CONDITIONS:

1. YOU ARE THE RCO.

2. THE INSIDE SNPO IS PREPARING TO PERFORM 4-OSP-050.2, RESIDUAL HEAT REMOVAL SYSTEM INSERVICE TEST, FOR THE 4A RHR PUMP.

3. YOU ARE HOLDING A TAILBOARD WITH THE SNPO ABOUT RWP REQUIREMENTS AND ALARA CONCERNS.

4. THE ANPS HAS DIRECTED THE SNPO TO REMAIN IN THE 4A RHR PUMP ROOM WHILE THE PUMP IS RUNNING.

5. THE SNPO'S ONLY DUTIES WILL BE TO TAKE ONE SET OF VIBRATION READINGS ON THE PUMP AND MOTOR AND MONITOR THE PUMP WHILE IT IS RUNNING. OTHER ACTIVITIES IN THE OSP WILL BE PERFORMED BY ANOTHER OPERATOR.

INITIATING CUE:

USING THE PROVIDED SURVEY MAP AND RWP, YOU ARE TO:

1. DESCRIBE THE DRESSOUT REQUIREMENTS.

2. TELL THE SNPO THE LOCATION OF THE AREA HE SHOULD STAY IN AFTER HE HAS TAKEN HIS READINGS AND THE 4A RHR PUMP IS STILL RUNNING.

3. INFORM THE SNPO OF ANY OTHER REQUIREMENT(S) FOR ENTRY INTO THE AREA AROUND THE 4A RHR PUMP AND MOTOR.

During the performance of this task, I will tell you which steps to simulate or discuss. Explain each step BEFORE you do it. Do you understand my directions to you?

If you have any questions, ask them now and I will answer them. During the test, I cannot answer questions. When you complete all the steps correctly, you will pass this Job Performance Measure.

Before starting the task, a pre-job safety tailboard must be conducted and documented per 0-ADM-033, PTN Industrial Safety Program.

NOTE: If this task performance evaluations is being administered as part of a multi-JPM exam (LOCT Annual Exam, RCO/SRCO Initial License Audit Exam, NRC Exam, etc.) then one pre-job safety tailboard conducted prior to the evaluation will satisfy this requirement. A pre-job safety tailboard is not required for No-Tell JPMs.

Failure to follow the PTN safety and radiological work practices will result in failure of this task.

Begin the task now.

JOB PERFORMANCE MEASURE WORKSHEET-JPM #G234NRCEXAM

JOB CLASSIFICATION: RCO

JPM TITLE: READ SURVEY MAP

JPM NUMBER: G234 JPM TYPE: NORMAL PATH

JPM REV. DATE: 03/14/01

NUCLEAR SAFETY IMPORTANCE: 3.00

COMBINED IMPORTANCE: 3.00

TIME VALIDATION: 10 MINUTES

AN 'X' BELOW INDICATES THE APPLICABLE METHOD (S) OF TESTING WHICH MAY BE USED:

PERFORM: X SIMULATE: _____ DISCUSS: _____

INSTRUCTOR'S INFORMATION

TASK STANDARDS:

1. DRESS OUT REQUIREMENTS PROPERLY STATED
2. SNPO'S WAITING AREA PROPERLY STATED
3. RWP SPECIAL REQUIREMENTS STATED

REQUIRED MATERIALS:

1. RWP 2001-5 MARKED "TRAINING ONLY"
2. SURVEY MAP OF UNIT 4 RESIDUAL HEAT REMOVAL EQUIPMENT MARKED "TRAINING ONLY"

REFERENCES:

1. RADIATION WORK PERMIT 2001-5
2. SURVEY MAP OF UNIT 4 RESIDAUL HEAT REMOVAL EQUPMENT

TERMINATING CUES:

DRESS OUT REQUIREMENTS STATED, WAITING AREA STATED, AND RWP REQUIREMENTS STATED

READ TO THE TRAINEE

THE TASK YOU ARE TO PERFORM IS:

READ A SURVEY MAP AND APPLY RWP REQUIREMENTS

I WILL DESCRIBE THE GENERAL CONDITIONS FOR THE TASK YOU WILL PERFORM AND PROVIDE THE INITIATING CUES.

INITIAL CONDITIONS:

1. YOU ARE THE RCO.

2. THE INSIDE SNPO IS PREPARING TO PERFORM 4-OSP-050.2, RESIDUAL HEAT REMOVAL SYSTEM INSERVICE TEST, FOR THE 4A RHR PUMP.

3. YOU ARE HOLDING A TAILBOARD WITH THE SNPO ABOUT RWP REQUIREMENTS AND ALARA CONCERNS.

4. THE ANPS HAS DIRECTED THE SNPO TO REMAIN IN THE 4A RHR PUMP ROOM WHILE THE PUMP IS RUNNING.

5. THE SNPO'S ONLY DUTIES WILL BE TO TAKE ONE SET OF VIBRATION READINGS ON THE PUMP AND MOTOR AND MONITOR THE PUMP WHILE IT IS RUNNING. OTHER ACTIVITIES IN THE OSP WILL BE PERFORMED BY ANOTHER OPERATOR.

INITIATING CUE:

USING THE PROVIDED SURVEY MAP AND RWP, YOU ARE TO:

1. DESCRIBE THE DRESSOUT REQUIREMENTS.

2. TELL THE SNPO THE LOCATION OF THE AREA HE SHOULD STAY IN AFTER HE HAS TAKEN HIS READINGS AND THE 4A RHR PUMP IS STILL RUNNING.

3. INFORM THE SNPO OF ANY OTHER REQUIREMENT(S) FOR ENTRY INTO THE AREA AROUND THE 4A RHR PUMP AND MOTOR.

During the performance of this task, I will tell you which steps to simulate or discuss. Explain each step BEFORE you do it. Do you understand my directions to you?

If you have any questions, ask them now and I will answer them. During the test, I cannot answer questions. When you

complete all the steps correctly, you will pass this Job Performance Measure.

Before starting the task, a pre-job safety tailboard must be conducted and documented per 0-ADM-033, PTN Industrial Safety Program.

NOTE: If this task performance evaluations is being administered as part of a multi-JPM exam (LOCT Annual Exam, RCO/SRCO Initial License Audit Exam, NRC Exam, etc.) then one pre-job safety tailboard conducted prior to the evaluation will satisfy this requirement. A pre-job safety tailboard is not required for No-Tell JPMs.

Failure to follow the PTN safety and radiological work practices will result in failure of this task.

Begin the task now.

EVALUATOR'S NOTE:

The order the Elements are performed is not critical.

(C) ELEMENT: 1

DETERMINE DRESS OUT REQUIREMENTS

STANDARDS:

__1. DETERMINED THAT SNPO NEEDS:

MODESTY GARMENTS
CLOTH GLOVES
RUBBER GLOVES
CLOTH SHOE COVERS
RUBBER SHOE COVERS
CLOTH COVERALLS
CLOTH HOOD

EVALUATOR'S NOTES:

Per RWP Special Instructions 2) full protective clothing is required for entry into "HIGHLY CONTAMINATED AREA."

Candidate might state "full protective clothing" instead of listing items required. If so, ask what does "full protective clothing" mean?

(C) ELEMENT: 2

DETERMINE WAITING AREA

STANDARDS:

__1. DETERMINED THAT SNPO SHOULD WAIT IN AREA MARKED ON EVALUATOR'S COPY OF SURVEY MAP

EVALUATOR'S NOTES:

This is marked "WAITING AREA" on Evaluator's survey map.

(C) ELEMENT: 3

DETERMINE OTHER RWP REQUIREMENTS FOR ENTRY INTO AREA AROUND THE 4A RHR PUMP

STANDARDS:

__1. DETERMINED HP MUST BE NOTIFIED BEFORE ENTRY INTO "HIGHLY CONTAMINATED AREA."

EVALUATOR'S NOTES:

Standard based on Special Instruction 9).

Might also warn SNPO to be aware of changing radiation fields due to starting the RHR pump, but this is not critical.

Inform Candidate that JPM has been completed

JPM STUDENT IC SHEET

THE TASK YOU ARE TO PERFORM IS:

PERFORM STATE WARNING POINT NOTIFICATION

I WILL DESCRIBE THE GENERAL CONDITIONS FOR THE TASK YOU WILL PERFORM AND PROVIDE THE INITIATING CUES.

INITIAL CONDITIONS:

1. UNIT 3 IS IN MODE 1.

2. AN ALERT HAS BEEN DECLARED DUE TO RCS LEAKAGE GREATER THAN 50 GPM AND WITHIN AVAILABLE CHARGING PUMP CAPACITY.

3. A FLORIDA NUCLEAR EMERGENCY NOTIFICATION FORM (0-EPIP-20101 ATTACHMENT 1) HAS BEEN FILLED OUT AND APPROVED BY THE NPS.

INITIATING CUE:

1. YOU ARE THE COMMUNICATOR.

2. THE NPS DIRECTS YOU TO USE THE PROVIDED MESSAGE FORM AND NOTIFY THE STATE WARNING POINT IN TALLAHASSEE OF THE ALERT.

During the performance of this task, I will tell you which steps to simulate or discuss. Explain each step BEFORE you do it. Do you understand my directions to you?

If you have any questions, ask them now and I will answer them. During the test, I cannot answer questions. When you complete all the steps correctly, you will pass this Job Performance Measure.

Before starting the task, a pre-job safety tailboard must be conducted and documented per 0-ADM-033, PTN Industrial Safety Program.

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NOTE: If this task performance evaluations is being administered as part of a multi-JPM exam (LOCT Annual Exam, RCO/SRCO Initial License Audit Exam, NRC Exam, etc.) then one pre-job safety tailboard conducted prior to the evaluation will satisfy this requirement. A pre-job safety tailboard is not required for No-Tell JPMs.

Failure to follow the PTN safety and radiological work practices will result in failure of this task.

Begin the task now.

JOB PERFORMANCE MEASURE WORKSHEET-JPM #G2439NRCEXAM

JOB CLASSIFICATION: RCO

JPM TITLE: PERFORM STATE OF FLORIDA NOTIFICATION

JPM NUMBER: G2439 JPM TYPE: NORMAL PATH

JPM REV. DATE: 03/2001

NUCLEAR SAFETY IMPORTANCE: 3.00

COMBINED IMPORTANCE: 3.00

TIME VALIDATION: 10 MINUTES

AN 'X' BELOW INDICATES THE APPLICABLE METHOD(S) OF TESTING WHICH MAY BE USED:

PERFORM: X SIMULATE:_____ DISCUSS:_____

INSTRUCTOR'S INFORMATION

THIS JPM MAY ONLY BE PERFORMED ON THE SIMULATOR.

RESET TO AN IC IN MODE 1 AT APPROXIMATELY 50% POWER AND REMOVE THE SIMULATOR FROM FREEZE.

TASK STANDARDS:

NOTIFICATION COMPLETED

REQUIRED MATERIALS:

1. FILLED IN 0-EPIP-20101 ATTACHMENT 1
2. EMERGENCY RESPONSE DIRECTORY

REFERENCES:

1. 0-EPIP-20101, DUTIES OF EMERGENCY COORDINATOR

TERMINATING CUES:

STATE OF FLORIDA NOTIFICATION HAS BEEN COMPLETED

READ TO THE TRAINEE

THE TASK YOU ARE TO PERFORM IS:

PERFORM STATE WARNING POINT NOTIFICATION

I WILL DESCRIBE THE GENERAL CONDITIONS FOR THE TASK YOU WILL PERFORM AND PROVIDE THE INITIATING CUES.

INITIAL CONDITIONS:

1. UNIT 3 IS IN MODE 1.

2. AN ALERT HAS BEEN DECLARED DUE TO RCS LEAKAGE GREATER THAN 50 GPM AND WITHIN AVAILABLE CHARGING PUMP CAPACITY.

3. A FLORIDA NUCLEAR EMERGENCY NOTIFICATION FORM (0-EPIP-20101 ATTACHMENT 1) HAS BEEN FILLED OUT AND APPROVED BY THE NPS.

INITIATING CUE:

1. YOU ARE THE COMMUNICATOR.

2. THE NPS DIRECTS YOU TO USE THE PROVIDED MESSAGE FORM AND NOTIFY THE STATE WARNING POINT IN TALLAHASSEE OF THE ALERT.

During the performance of this task, I will tell you which steps to simulate or discuss. Explain each step BEFORE you do it. Do you understand my directions to you?

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NOTE: If this task performance evaluations is being administered as part of a multi-JPM exam (LOCT Annual Exam, RCO/SRCO Initial License Audit Exam, NRC Exam, etc.) then one pre-job safety tailboard conducted prior to the evaluation will satisfy this requirement. A pre-job safety tailboard is not required for No-Tell JPMs.

Failure to follow the PTN safety and radiological work practices will result in failure of this task.

Begin the task now.

( ) ELEMENT: 1

REVIEWS THE PROVIDED FORM

STANDARDS:

__1. FORM REVIEWED FOR COMPLETENESS.

EVALUATOR'S NOTES:

None

( ) ELEMENT: 2

LOCATES HOT RING DOWN TELEPHONE

STANDARDS:

__1. LOCATED HOT RING DOWN PHONE

EVALUATOR'S NOTES:

In Watch Engineer's office.

(C) ELEMENT: 3

USES HOT RING DOWN PHONE TO CONTACT STATE WARNING POINT

STANDARDS:

__1. STATE WARNING POINT NOTIFIED BY HOT RING DOWN PHONE

EVALUATOR'S NOTES:

Booth Operator is to role play State Warning Point.

(C) ELEMENT: 4

RELAYS INFORMATION TO STATE WARNING POINT

STANDARDS:

__1. STATE NOTIFIED THIS IS AN ACTUAL EVENT

__2. STATE NOTIFIED OF TIME AND DATE CONTACT MADE, REPORTED BY (NAME OF CANDIDATE), MESSAGE NUMBER 001, AND FROM CONTROL ROOM

__3. STATE NOTIFIED THAT SITE IS TURKEY POINT 3

__4. STATE NOTIFIED THAT ACCIDENT CLASSIFICATION IS ALERT

__5. STATE NOTIFIED OF DATE AND TIME OF EMERGENCY DECLARATION

__6. STATE NOTIFIED OF REASON FOR EMERGENCY DECLARATION

__7. STATE NOTIFIED NO ADDITIONAL INFORMATION

__8. STATE NOTIFIED NO INJURIES REQUIRING OFFSITE SUPPORT

__9. STATE NOTIFIED OF WEATHER DATA: WIND FROM 213°; SECTORS AFFECTED A, B, C, D

__10. STATE NOTIFIED OF RELEASE STATUS: NO RELEASE

__11. STATE NOTIFIED NO PARS AT THIS TIME

__12. STATE NOTIFIED EVENT HAS NOT BEEN TERMINATED

__13. STATE NOTIFIED NO SUPPLEMENTAL FORM ATTACHED

__14. OBTAINED NAME OF STATE WARNING POINT AND FILLED IN ON FORM, ALONG WITH TIME AND DATE

EVALUATOR'S NOTES:

Booth Operator will role play State Warning Point. For name of State Warning Point (standard 14), provide *S. W. Point.*

Inform Candidate that JPM has been completed