

07-209-91
71.5

LICENSED OPERATOR JOB PERFORMANCE MEASURE

Revision: 0

Title: Initiate Service Water Flow through "A" RHR Heat Exchanger

Task Number: 2050050101

Operator: _____ (RO/SRO) Evaluator: _____

Directions to operators:

When I tell you to begin you are to Initiate Service Water flow through RHR "A" HX and raise SW flow to 7400 gpm. I will describe general conditions and provide you access to the tools to complete this task. Before you start, I will state the task standards and initiation cues and answer any questions.

Evaluation Method: _____ Perform _____ Simulate _____

Evaluation Location: _____ Plant _____ Simulator _____ Control Room _____

Average Completion Time: 6 minutes Actual Completion Time: _____

JPM Overall Rating: Sat/Unsat Questions: # Asked _____ # Correct _____

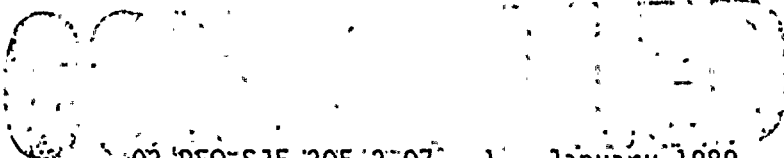
Comments: (Note: Any grade of Unsat requires a comment. A JPM overall rating of UNSAT shall be given if any critical step is graded as UNSAT. If all critical steps are performed satisfactorily and the Task Standards met, a JPM overall rating of SAT shall be given.)

Evaluators Signature: _____ Date: _____

Approvals: *J. P. ... 2/25/90*
Training Supervisor - Unit 2

R. T. ... 2/26/90
Asst. Supt. - Training

... FOR MJC 2/23/90
Supt. of Operations - Unit 2



NRCU2/259

Rev. 0

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K/A Rating: 3.40

Initial (Task) Conditions:

1. Rad Monitor SWP*23A is operating.

General Tools and Equipment:

None

General References:

N2-OP-11, Rev. 4, 7/26/89, "Service Water System", Section E.5.0

Task Standards:

Service Water Flow initiated and raised to a value of 7400 gpm.

Critical Steps are denoted by (*):

NOTE: All Steps are non-sequence critical unless otherwise noted.

Initiating cues:

You are directed by the Shift Supervisor to initiate service water flow to RHR "A" HX and establish 7400 gpm flow.

<u>Performance Steps</u>	<u>Standard</u>	<u>Sat/Unsat</u>
Start Time _____		
1. Obtain copy of procedure and review.	Procedure reviewed.	Sat/Unsat

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Performance Steps	Standard	Sat/Unsat
2. Verify all applicable precautions and prerequisites.	Precautions/prereqs. verified.	Sat/Unsat
3. Verify Rad Monitor 2SWP*RE23A is on line and operating properly.	Verified operating properly.	Sat/Unsat
*4. Fully open 2SWP*MOV90A. (Cue: Valve indicating light changes from green to red.)	Valve open.	Sat/Unsat
*5. Slowly throttle open 2SWP*MOV33A to initiate cooling flow through "A" Heat Exchanger. (Cue: Flow increases on E12-R602A.)	Cooling flow initiated.	Sat/Unsat
*6. Throttle MOV33A to obtain 7400 gpm flow as indicated on E12-R602A. (Caution: Do not exceed 7400 gpm.)	MOV33A positioned to obtain 7400 gpm flow, 7400 gpm was not exceeded.	Sat/Unsat

Termination Cue: Service water flow through "A" RHR Heat exchanger 7400 gpm.

Stop Time: _____

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QUESTION NUMBER: 02-REQ-SJE-205-2-07-J01

TASK NUMBER: 2050050101

K/A RATING: 3.40

Requal TIF:

QUESTION:

WHAT THREE (3) ACTIONS ARE REQUIRED IF RHR HEAT EXCHANGER 1A SERVICE WATER OUTLET TEMPERATURE REACHES 126 DEGREES F?

ANSWER:

1) VERIFY HEAT EXCHANGER 1A SERVICE WATER OUTLET TEMPERATURE. 2) THROTTLE OPEN HEAT EXCHANGER 1A SERVICE WATER OUTLET VALVE TO ACHIEVE APPROXIMATELY 7400 GPM SERVICE WATER FLOW TO THE HEAT EXCHANGER. 3) ADJUST LOADS AS NECESSARY TO MAINTAIN HX OUTLET TEMPERATURE LESS THAN 125 DEGREES F.

COMMENTS:

SAT / UNSAT

REFERENCES:

N2-OP-31, REV. 5, 12/88, "RESIDUAL HEAT REMOVAL SYSTEM," SECTION I.14

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

11. 12. 13. 14. 15. 16. 17. 18. 19. 20.

21. 22. 23. 24. 25.



QUESTION NUMBER: 02-REQ-SJE-205-2-07-J02

TASK NUMBER: 2050050101
K/A RATING: 3.40
Requal TIF:

QUESTION:

IF MOV90A (SERVICE WATER TO RHR HX "A" INLET VALVE) IS PLACED IN THE OPEN POSITION AT PANEL 405, WHAT OTHER CONDITION MUST EXIST FOR THE VALVE TO OPEN?

ANSWER:

THE SERVICE WATER REMOTE SHUTDOWN TRANSFER SWITCH MUST BE IN THE EMERGENCY POSITION.

COMMENTS:

SAT / UNSAT

REFERENCES:
LSK-9-10Y

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