

NIAGARA MOHAWK POWER CORPORATION
EMERGENCY JOB PERFORMANCE MEASURE

Title: Defeating HPCS Level 8 Interlocks

Revision: 0

Task Number: 2069180101

Operator: _____ (RO/SRO) Evaluator: _____

Directions to operators:

When I tell you to begin you are to defeat and reset High Pressure Core Spray System Level 8 interlocks. I will describe general conditions and provide you access to the tools to complete this task. Before you start, I will answer any questions. When all questions have been answered, I will give you the direction to start. This is an emergency task you are expected to take actions without reference to a procedure. You are expected to verify your actions.

Evaluation Method: _____ Perform _____ Simulate

Evaluation Location: _____ Plant _____ Simulator _____ Control Room

Average Completion Time: _____ Actual Completion Time: _____ minutes

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.)
(Note: If this JPM is done for training use ID No. 02-REQ-SET-206-2-16 and omit questions.)

Evaluators Signature: _____ Date: _____

Approvals:

[Signature]
Training Supervisor

[Signature]
Supervisor of Operations Unit 2

**MASTER
CONTROLLED
DOCUMENT**

02-REQ-SEE-206-2-16 -1 January 1991

EXAM REQ 2/149

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PDR ADDCK 05000410
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K/A Rating:

Initial (Task) Conditions:

1. RPV flooding is in progress.
2. HPCS is available as an injection source.
3. RPV Water Level above Level 8

General Tools and Equipment:

None

General References:

N2-EOP-C4, Rev. 4, "RPV Flooding"

Task Standards:

HPCS keylock test switch in test, HPCS High Water Level Seal in reset and CSH*MOV107 open.

Critical Steps are denoted by (*):

Note: All steps are non-sequence critical unless noted.

Initiating cues:

As Shift Supervisor: "Defeat High Pressure Core Spray Level 8 Interlocks"

Performance
Steps

Standard

Sat/Unsat

Start Time _____

- | | | | |
|-----|---------------------------------------------------------------------------------------------------------|----------------------|-----------|
| *1. | Place HPCS Keylock Test Switch in test.
(Cue: P625, Test Switch in test P601 amber status light on.) | Test switch in test. | Sat/Unsat |
| 2. | Verify amber status light on.
(Cue: P601 amber test switch in test light on.) | Light verified on. | Sat/Unsat |



Performance
Steps

Standard

Sat/Unsat

- | Performance Steps | Standard | Sat/Unsat |
|----------------------------------------------------------------------------------------------------|------------------|-----------|
| *3. Depress Hi Water Level seal in reset pushbutton.
(Cue: P601, white seal in light goes out.) | Button Depressed | Sat/Unsat |
| 4. Verify CSH*MOV107 opens. | Verified Open | Sat/Unsat |

Termination Cue: High Water Level reset, CSH*MOV107 open

Stop Time _____



QUESTION NUMBER: 02-REQ-SEE-206-2-16-J02

TASK NUMBER: 2069180101

K/A RATING: 295008 AK3.07 3.2

QA: 295008 AK3.07 3.2

Requal TIF:

QUESTION:

WHAT CONCERNS SHOULD THE OPERATOR HAVE ABOUT CONTINUED OPERATION OF
IPCS AFTER ISOLATION ON HIGH WATER LEVEL?

ANSWER:

PUMP OPERATION ON MINIMUM FLOW, TRANSFERING CST VOLUME TO THE
SUPPRESSION POOL.

COMMENTS:

SAT / UNSAT

REFERENCES:

N2-OP-33, REV 4, 9/28/89, "HIGH PRESSURE CORE SPRAY SYSTEM", SECT. 1.7.3



QUESTION NUMBER: 02-REQ-SEE-206-2-16-J01

TASK NUMBER: 2069180101

K/A RATING: 209002 K4.07

3.5

(A: 209002 K4.07 3.5

Requal TIF:

QUESTION:

WHY DID (WOULD) CSH*MOV107 OPEN AFTER THE LEVEL 8 SEAL IN WAS RESET?

ANSWER:

AN INITIATION SIGNAL IS PRESENT. [K9 RELAY ENERGIZED]

NOTE TO INSTRUCTOR:

QUESTION ITEM IN PARENTHESIS IF JPM WAS SIMULATED

ANSWER ITEM IN BRACKETS NOT REQUIRED FOR SATISFACTORY COMPLETION

COMMENTS:

SAT / UNSAT

REFERENCES:

DRAWING 807E172TY sh 3,4

