

V.C. SUMMER NUCLEAR STATION

NRC JOB PERFORMANCE MEASURE

JPSF-056

CONTROL ROOM EVACUATION (DUTIES OF NROATC) (NRC)

Revision No. 3

Faulted JPM

A/15

CONTROL ROOM EVACUATION (DUTIES OF NROATC) (NRC)

TRAINEE _____ EVALUATOR _____

EVALUATOR SIGNATURE _____ DATE _____

EVALUATION METHOD: PERFORM
EVALUATION LOCATION: SIMULATOR

ESTIMATED TIME: 10.0 MINUTES TIME STARTED: _____

10CFR55.45 (a) 12 DEMONSTRATE THE KNOWLEDGE AND ABILITY AS
APPROPRIATE TO THE ASSIGNED POSITION TO
ASSUME THE RESPONSIBILITIES ASSOCIATED
WITH THE SAFE OPERATION OF THE FACILITY

TIME CRITICAL: No FAULTED JPM: Yes

TRAINEE PERFORMANCE: SATISFACTORY _____ UNSATISFACTORY _____

READ TO OPERATOR:

WHEN I TELL YOU TO BEGIN, YOU ARE TO PERFORM THE ACTIONS AS DIRECTED IN THE INITIATING CUES. I WILL DESCRIBE GENERAL CONDITIONS UNDER WHICH THIS TASK IS TO BE PERFORMED AND PROVIDE THE NECESSARY TOOLS WITH WHICH TO PERFORM THIS TASK. BEFORE STARTING, 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:

1. The plant is operating at 100% power, all controls in automatic. A bomb has been found in the Control Room. Shift Supervisor has directed a Control Room evacuation.

TOOLS AND EQUIPMENT NEEDED:

1. AOP-600.1

REFERENCED DOCUMENTS:

1. AOP*600.1 CONTROL ROOM EVACUATION

REV DATE

03/14/95

CONTROL ROOM EVACUATION (DUTIES OF NROATC) (NRC)

TASK STANDARDS:

1. Reactor is tripped.
2. Turbine is tripped.
3. RCP "B" is tripped.

INITIATING CUES:

1. The Shift Supervisor directs that the Control Room should be evacuated. The Shift Supervisor directs the NROATC to complete Attachment I of A [REDACTED]

TERMINATING CUES:

1. 'B' RCP is secured.

SAFETY CONSIDERATIONS:

1. ROTATING EQUIPMENT
2. HIGH NOISE AREA

JOB PERFORMANCE MEASURE CHECKLIST

(S) DENOTES SEQUENCED ELEMENT

(*) DENOTES CRITICAL ELEMENT

PERFORMANCE CHECKLIST:

SAT. UNSAT.

STEP

STANDARD

S*1. Trip Reactor manually from the MCB.

Position the reactor trip switch (CS-CR01 or CS-CR01A) to the TRIP position

COMMENTS: _____

STEP

STANDARD

2. Verify all reactor trip breakers open.

TRIP BKR A & B indicate red light OFF, green light ON.

STEP

STANDARD

3. Verify all rod bottom lights lit.

All rod bottom lights are lit by DRPI indication.

STEP

STANDARD

4. Verify reactor power level decreasing.

Reactor power level decreasing on N35 and N36 indication.

STEP

STANDARD

5. Trips turbine from MCB.

Momentarily depresses EMER TRIP pushbutton.

STEP

STANDARD

6. Verifies turbine stop valves closed.

STM STOP VLVs indicate open by dim indication on XCP-6114 status lights.

NOTE 7: The student may also call the TBAO to locally trip the turbine from the Front Standard.

STEP

STANDARD

S*7. Stops EHC pumps A & B and

EHC pumps A & B switches placed in PULL

JOB PERFORMANCE MEASURE CHECKLIST

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(S) DENOTES SEQUENCED ELEMENT
(*) DENOTES CRITICAL ELEMENT

PERFORMANCE CHECKLIST:

SAT. UNSAT.

place in PULL TO LOCK.

TO LK NON-A

JOB PERFORMANCE MEASURE CHECKLIST

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(S) DENOTES SEQUENCED ELEMENT
(*) DENOTES CRITICAL ELEMENT

PERFORMANCE CHECKLIST:

SAT. UNSAT.

COMMENTS: _____

NOTE 8: The student may manually trip the generator breaker, field breaker, and exciter field breaker before the turbine trips automatically. This is acceptable if >30 seconds after MSIVs closed (reactor trip).

STEP

STANDARD

8. Ensures GEN BKR open (after 30 second time delay).

GEN BKR indicates red light OFF, green light ON.

STEP

STANDARD

9. Ensures generator field breaker is open.

GEN FIELD BKR indicates red light OFF, green light ON

STEP

STANDARD

*10. Trips Exciter Field breaker.

EXC FIELD BKR indicates red light OFF, green light ON.

COMMENTS: _____

STEP

STANDARD

*11. Stop RCP 'B'.

XPP-0030B, RCP B, indicates red light OFF, green light ON, normal running amps

JOB PERFORMANCE MEASURE CHECKLIST

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(S) DENOTES SEQUENCED ELEMENT
(*) DENOTES CRITICAL ELEMENT

PERFORMANCE CHECKLIST:

SAT. UNSAT.

COMMENTS: _____

NOTE 12: The student may close PCV-444C, PZR SPRAY. This is not required.

STEP

STANDARD

12. Verify RCP 'A' is running.

Notes XPP-0030A, RCP A, indicates red light OFF, green light ON.

STEP

STANDARD

*13. Keeps RCP 'C' running.

XPP-0030C, RCP C, indicates red light ON, green light OFF.

COMMENTS: _____

Examiner Stops JPM At This Point

TIME STOPPED: _____

GENERAL COMMENTS:

CONTROL ROOM EVACUATION (DUTIES OF NROATC) (NRC)
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NRC KA REFERENCES:

<u>KA NUMBER</u>		<u>IMPORTANCE</u>	<u>FACTOR</u>
		<u>RO</u>	<u>SRO</u>
000068.EK3.12	Knowledge of the reason for the required sequence of actions for emergency evacuation of control room.	4.1	4.5
000068.EK3.18	Knowledge of the reason for actions contained in EOP for control room evacuation.	4.2	4.5