TASK CONDITIONS:

1. You are an extra NSO.
2. Unit 1/2 NSOs are responding to a steamline break inside containment after a safety injection.
3. Conditions have deteriorated to the point that an entry into 1/2BwFR-H.1, Loss of Secondary Heat Sink, has been made.

INITIATING CUES:

The Unit Supervisor has directed you to perform the actions of 1/2BwFR-H.1 step 7.f.

TASK TITLE: **Perform Local Reset of Feedwater Isolation Signal**

JPM No.:	**IP-200**	REV:	NRC 09-1
TPO No.:	4.D.EF-03	K&A No.:	013000A4.02
TASK No.:	R-EF-003, Reset the Engineered Safety Features	K&A IMP:	4.1/4.0

EXAMINEE: _____ RO SRO (Circle One)

EVALUATOR: _____ DATE:_____

The Examinee: PASSED _____ this JPM. TIME STARTED: _____

FAILED _____ TIME FINISHED:_____

JPM TIME:_____ MINUTES

CRITICAL ELEMENTS: **(*) 3, 4** APPROX COMPLETION TIME: **17 MINUTES**

CRITICAL TIME: **NA**

EVALUATION METHOD:
__ PERFORM
_X_ SIMULATE

LOCATION:
_X_ IN PLANT
__ SIMULATOR

GENERAL REFERENCES:

1. 1/2BwFR-H.1, Rev. 200, WOG 2, Response to Loss of Secondary Heat Sink

MATERIALS:

1. Keys for 1/2PA27J and 1/2PA28J
2. Laser pointer (recommended)
3. 1/2BwFR-H.1, step 7

TASK STANDARDS:

1. Correctly RESET Feedwater Isolation Signal as required by 1/2BwFR-H.1, step 7.

TASK CONDITIONS:

1. You are an extra NSO.
2. Unit 1/2 NSOs are responding to a steamline break inside containment after a safety injection.
3. Conditions have deteriorated to the point that an entry into 1/2BwFR-H.1, Loss of Secondary Heat Sink, has been made.

INITIATING CUES:

1. The Unit Supervisor has directed you to perform the actions of 1/2BwFR-H.1 step 7.f.

RECORD START TIME _____

Note: Prompt the use of a laser pointer to identify components located inside electrical cabinets.

	PERFORMANCE STEP	STANDARD	Circle applicable
1.	Refer to 1/2BwFR H.1, step 7.f. **CUE: Hand a copy of 1/2BwFR-H.1, step 7 to the student.**	Refer to 1/2BwFR H.1, step 7.f.	SAT UNSAT N/A **Comments:**
2.	Obtain keys for and locate Safeguards Cabinets 1/2PA27J and 1/2PA28J.	Obtains keys for and proceed to Safeguards Cabinets 1/2PA27J and 1/2PA28J: • Obtain keys for Cabinets 1/2PA27J and 1/2PA28J from the Shift Office. • Proceed to 1/2PA27J/ 1/2PA28J (U-1/2 AEER).	SAT UNSAT N/A **Comments:**

Note: JPM steps 3 and 4 may be performed in any order. Prompt use of laser pointer vs. breaking the plane of cabinet.

***3.**	**De-energize Feedwater Isolation Relays by removing fuses at 1/2PA27J.** **CUE: Fuse FU-24 is removed. Fuse FU-27 is removed.**	At 1/2PA27J, de-energize Feedwater Isolation Relays by removing: • Fuse FU-24. • Fuse FU-27.	SAT UNSAT N/A **Comments:**
***4.**	**De-energize Feedwater Isolation Relays by removing fuses at 1/2PA28J.** **CUE: Fuse FU-24 is removed. Fuse FU-27 is removed.**	At 1/2PA28J, de-energize Feedwater Isolation Relays by removing: • Fuse FU-24. • Fuse FU-27.	SAT UNSAT N/A **Comments:**

Note: **If the student elects to contact the Control Room to verify "FW ISOL ACTD" relay lights NOT LIT, then provide the following cue (otherwise N/A JPM step 5):**

CUE:The US reports the FW ISOL ACTD relay lights are NOT LIT.

CUE:This completes the JPM.

5.	Verify FW ISOL ACTD relay lights – NOT LIT. **CUE: The FW ISOL ACTD relay lights are NOT LIT.** **CUE: As US acknowledge completion of step 7.f.**	VERIFY the FW ISOL ACTD relay lights are NOT LIT as follows: • At 1/2PM06J, observe FW ISOL ACTD relay lights NOT LIT. • Report completion of step 7.f of 1/2BwFR H.1.	SAT UNSAT N/A **Comments:**

CUE: THIS COMPLETES THIS JPM.

RECORD STOP TIME _____

COMMENTS:

SIMULATOR SETUP INSTRUCTIONS

JPM NO: IP-200

REQUIRED SIMULATOR MODE (S): N/A In-plant.

MALFUNCTION #'S: N/A

COMMENTS: