TASK CONDITIONS:

1. You are an extra NSO.
2. Both Units are at full power.
3. 1PR01J is operable.

INITIATING CUES:

1. The Unit Supervisor has handed you a Containment release package G-09-001, completed through section B, and has directed you to complete Section C. All previous sections of the release package have been successfully completed.
2. An Equipment Operator is standing by to obtain the 1FI-PR100 flowrate

TASK TITLE: **Perform a Containment Release Channel Check**

JPM No.:	**R-301**	REV:	**NRC 09-1**
TPO No.:	4C.WQ-01	K&A No.:	2.3.11
TASK No.:	R-GW-001, Perform gaseous release	K&A IMP:	3.8/4.3

EXAMINEE: _____ RO SRO (Circle One)

EVALUATOR: _____ DATE:_____

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

FAILED _____ TIME FINISHED:_____

JPM TIME:_____ MINUTES

CRITICAL ELEMENTS: **(*) 9, 10** APPROX COMPLETION TIME: **30** MINUTES

CRITICAL TIME: **NA**

EVALUATION METHOD:
_X_ PERFORM
___ SIMULATE

LOCATION:
___ IN PLANT
_X_ SIMULATOR

GENERAL REFERENCES:

1. 1BwOS RETS 2.2.B-1, Rev 1, Unit One Pre-release Source and Channel Check of Containment Purge Effluent Monitor 1PR01J (1RE-PR001A/B/C)
2. RP-BR-980, Rev 1, Containment Vent And Mini Purge Gaseous Effluents

MATERIALS:

1. RP-BR-980, Rev 1, Containment Release Form completed through section B.
2. 1BwOS RETS 2.2.B-1, Rev 1, Unit One Pre-release Source and Channel Check of Containment Purge Effluent Monitor 1PR01J (1RE-PR001A/B/C) with Predefine Cover Sheet

TASK STANDARDS:

1. Complete Section C of Containment Release Form in accordance with RP-BR-980.
2. Correctly operate the RM-11 for setpoint adjustment.

TASK CONDITIONS:

1. You are an extra NSO.
2. Both Units are at full power.
3. 1PR01J is operable.

INITIATING CUES:

1. The Unit Supervisor has handed you a Containment release package G-09-001, completed through section B, and has directed you to complete Section C. All previous sections of the release package have been successfully completed.

RECORD START TIME _____

Note: Provide the examinee with a copy of RP-BR-980 completed through Step B and 1BwOS RETS 2.2.B-1 with Predefine cover sheet.
When requested by the examinee, Independent Verification has been completed.

	PERFORMANCE STEP	STANDARD	Circle applicable
1.	Refer to partially completed RP-BR-980, Section C Refer to1BwOS RETS 2.2.B-1 **CUE: Prerequisites are met.**	• Open RP-BR-980 • Determine 1BwOS RETS 2.2.B-1 needs to be performed next. • VERIFY the applicable Prerequisites, Precautions, and Limitations and Actions are addressed.	SAT UNSAT N/A **Comments:**
2.	RECORD the Release Number from RP-BR-980	• Locate release number on page 1 of containment release form and record it in step 1.2	SAT UNSAT N/A **Comments:**
3.	Locally obtain 1FI-PR100 Flowrate **CUE: EO (any name) reports flowrate is 2.9 scfm.**	• Record flowrate and name of EO is step 1.3	SAT UNSAT N/A **Comments:**
4.	At the RM-11 Console (1PM14JB-1) VERIFY/SELECT Grid 2	• Press grid 2 key at RM-11 and verify grid 2 Process Air Monitor screen comes to view.	SAT UNSAT N/A **Comments:**
5.	Perform source/channel check of 1RE-PR001A	• Press keys 1,2,0,1 in order and then press SEL key. • Obtain current activity reading of 1PA201 by depressing any trend, items or status key and record on surv. • Press the CHECK SOURCE key and verify key is backlit. • Verify CHECK SOURCE ENERGIZED is on status display. • Verify CHECK SOURCE FAILED is not indicated after backlit goes out. • Record cursor color of green. • Verify color not white magenta or dark blue.	SAT UNSAT N/A **Comments:**

6.	Perform source/channel check of 1RE-PR001B	• Press keys 1,1,0,1 in order and then press SEL key. • Obtain current activity reading of 1PB101 and record on surv. • Press the CHECK SOURCE key and verify key is backlit. • Verify CHECK SOURCE ENERGIZED is on status display. • Verify CHECK SOURCE FAILED is not indicated after backlit goes out. • Record cursor color of green. • Verify color not white magenta or dark blue.	SAT UNSAT N/A **Comments:**
7.	Perform source/channel check of 1RE-PR001C	• Press keys 1,3,0,1 in order and then press SEL key. • Obtain current activity reading of and record on surv. • Press the CHECK SOURCE key and verify key is backlit. • Verify CHECK SOURCE ENERGIZED is on status display. • Verify CHECK SOURCE FAILED is not indicated after backlit goes out. • Record cursor color of green. • Verify color not white magenta or dark blue.	SAT UNSAT N/A **Comments:**
8.	Record original Setpoint of 1RE-PR001 Gas Channel	o Press grid 2 key at RM-11 and verify grid 2 Process Air Monitor screen comes to view. • Press keys 1,1,0,1 in order and then press SEL key. • Press CHANNEL ITEMS key • Record High Alarm setpoint • Record Alert Alarm setpoint • Initial and date step.	SAT UNSAT N/A **Comments:**

***9**	Change High alarm setpoint on 1PB101 **Cue: When prompted by examinee for an independent verification, state "Another NSO has independently verified the set point change."**	• Select SUPERVISOR MODE on RM-11 with selector key. o Press CHANNEL ITEMS key • Press 09 and SELECT • Press 683-4 (or 683-04) and ENTER • Initial and date step.	SAT UNSAT N/A **Comments:**
***10**	Change Alert alarm setpoint on 1PB101 **Cue: When prompted by examinee for an independent verification, state "Another NSO has independently verified the set point change."**	• Press 10 and SELECT • Press 683-5 (or 683-05) and ENTER • Initial and date step.	SAT UNSAT N/A **Comments:**
11	Notify US of section C completion	• Notifies US that section C is complete.	SAT UNSAT N/A **Comments:**

CUE: THIS COMPLETES THIS JPM.

RECORD STOP TIME _____

COMMENTS:

SIMULATOR SETUP INSTRUCTIONS

JPM NO: R-301

REQUIRED SIMULATOR MODE (S): ANY

MALFUNCTION #'S: N/A

COMMENTS:

1. RP-BR-980 needs to be filled out through section B.
   - Step D.7.b High Alarm Setpoint 2.84×10^{-4}
   - Step A.5.d High Alarm Setpoint 6.83×10^{-4}
   - Step A.5.d Alert Alarm Setpoint 6.83×10^{-5}

2. Verify 1RE-PR001 setpoints as follows:
   High Alarm (Channel Item 9) 6.06×10^{-4}
   Alert Alarm (Channel Item 10) 6.06×10^{-5}
3. Place RM-11 on Grid 2.
4. Advance RM-11 printer to blank paper.
5. Ensure 0VA02CA exhaust fan is running.