JOB PERFORMANCE MEASURE JPM-#- ANO-2-JPM-NRC-LRWLR REV. 10 PAGE 1 of 7 SYSTEM/DUTY AREA: Liquid Radwaste/Boron Management System **TASK:** Commence a liquid radwaste release of 2T21A JTA#: 20685300101, 206853001W4 KA VALUE RO: <u>3.2</u> SRO: <u>3.1</u> KA REFERENCE: <u>068 A4.02</u> APPROVED FOR ADMINISTRATION TO: RO: X SRO: X INSIDE CR: OUTSIDE CR: X BOTH: TASK LOCATION: SUGGESTED TESTING ENVIRONMENT AND METHOD (PERFORM OR SIMULATE): PLANT SITE: Simulate SIMULATOR: RO: ____ SRO: POSITION EVALUATED: ACTUAL TESTING ENVIRONMENT: SIMULATOR: ____ PLANT SITE: __X LAB: ____ SIMULATE: X TESTING METHOD: PERFORM: _____ APPROXIMATE COMPLETION TIME IN MINUTES: 10.0 **REFERENCE(S):** OP 2104.014, Rev. 32-00-0 EXAMINEE'S NAME (PRINT): EVALUATOR'S NAME (PRINT): Signature indicates this JPM has been compared to its applicable procedure by a qualified individual (not the Examinee) and is current with that revision. SIGNED: _____ DATE: ____ THE EXAMINEE'S PERFORMANCE WAS EVALUATED AGAINST THE STANDARDS CONTAINED IN THIS JPM AND IS DETERMINED TO BE: SATISFACTORY: _____ UNSATISFACTORY: _____ PERFORMANCE CHECKLIST COMMENTS:

_____Start Time _____Stop Time _____Total Time

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THE EXAMIN	VER SHALL REVIEW THE FOLLOWING W	VITH THE EXAM	IINEE:		
The examiner examinee.	shall review the "Briefing Checklist - Sys	stem Walkthroug	th" portion of O	P 1064.023 Attachment 6 with the	
OP 2104.014,	L TASK CONDITIONS: 2T21A is on Supplement 1 is completed through step 5.0. eport flowrate is 50 gpm.	_		=	
TASK STANI	OARD: 2T21A liquid release is establis	shed using 2P53A	A		
TASK PERFO	DRMANCE AIDS: OP 2104.014, Supplem	nent 2			

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INITIATING CUE:

The SS/CRS directs,	"Commence a Liquid	Waste Release on	Waste Condensate	Tank 2T21A us	sing OP 2104.014,	Supplement
2."						

CRITICAL ELEMENTS (C):	4, 7		
START TIME:			

PERFORMANCE CHECKLIST		DRMANCE CHECKLIST	STANDARDS	(Circle One)
	1.	Verify Waste Condensate Tank Inlet Valve (2CV-2112) CLOSED and magnetic tag on handswitch	On panel 2C113, verified handswitch for 2CV-2112 in CLOSE.	N/A SAT UNSAT
		POSITIVE CUE: Green light ON.	Observed green light ON, red light OFF above handswitch.	
		Red magnetic hold card installed.	Verified red magnetic hold card installed by handswitch for 2CV-2112.	
	2.	Verify Waste Condensate Pump Discharge Valve (2CV-2122) is CLOSED and magnetic tag on handswitch.	On panel 2C113, verified handswitch for 2CV-2122 in CLOSE.	N/A SAT UNSAT
		POSITIVE CUE: Green light ON.	Observed green light ON, red light OFF above handswitch.	
		Red magnetic hold card installed.	Observed red magnetic hold card installed by handswitch for 2CV-2122.	
	3.	Verify Waste Condensate Pump (2P53A) running.	On panel 2C113, verified 2P53A running.	N/A SAT UNSAT
		POSITIVE CUE: Red light ON.	Observed red light ON, green light OFF above handswitch.	
		Discharge pressure 50# on 2PI- 2121 @ 2C113	AND/OR Verified discharge pressure of ≈ 50# on 2PI-2121 @ 2C113	
(C)	4.	Remove tag and OPEN Waste Condensate Pump Discharge Valve (2CV-2122).	On panel 2C113, removed red magnetic hold card from handswitch for 2CV-2122.	N/A SAT UNSAT
		POSITIVE CUE: Red light ON.	Placed handswitch for 2CV-2122 to OPEN.	
		NEGATIVE CUE: Green light ON.	Observed red light ON, green light OFF for 2CV-2122.	

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	5.	Verify 2CV-2330A is open.	On panel 2C113, opened 2CV-2330A.	N/A SAT UNSAT		
		POSITIVE CUE: Red light ON.	Observed red light ON, green light OFF for 2CV-2330A.			
		NEGATIVE CUE: Green light ON.				
	6.	Verify flow on 2FR/RR-2331. POSITIVE CUE: CBO reports 0 gpm indicated. NEGATIVE CUE: CBO reports 50 gpm indicated.	Using a plant telephone, Gaitronics, or plant radio; contacted control room personnel. Requested verification of ≈ 0 gpm indicated on 2FR/RR-2331.	N/A SAT UNSAT		
	TRANSITION NOTE:					
	Go to 2T21A Tank Room.					
(C)	7.	Open Waste Condensate Discharge Isolation to Circ Water Flume (2LRW-13) POSITIVE CUE: Valve stem at full upward travel.	Opened 2LRW-13 by turning valve handwheel CCW until valve stem at full upward travel. Observed valve stem at full rise position.	N/A SAT UNSAT		
	8.	Throttle short path recirculation valve (2LRW-32A). POSITIVE CUE: Flow rate less than 50 gpm.	Throttled 2LRW-32A as required to establish a flow rate of ≤ 50 gpm. Verified with Control Room that	N/A SAT UNSAT		
	flow rate less than 50 gpm.					
			END			

STOP TIME:	

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Question:				
Answer:				

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EXAMINEE'S COPY:

JPM INITIAL TASK CONDITIONS:

2T21A is on short path recirculation with Waste Condensate Pump (2P53A). OP 2104.014, Supplement 1 is completed through step 5.0. 2CV-2330A has been tested in Supplement 1. 2RE-2330 is operable. Preliminary report flowrate is 50 gpm

INITIATING CUE:

The SS/CRS directs, "Commence a Liquid Waste Release on Waste Condensate Tank 2T21A using OP 2104.014, Supplement 2"