

Facility: <u>PRAIRIE ISLAND</u>		Date of Examination: <u>AUGUST 2014</u>
Examination Level: <u>RO</u>		Operating Test Number: <u>PI-ILT-NRC-14</u>
Administrative Topic (see Note)	Type Code*	Describe activity to be performed
Conduct of Operations	D, R	DETERMINE BLENDED FLOW
Conduct of Operations	M, R	VERIFY CORRECT PROCEDURE
Equipment Control	N, R	CLEARANCE ORDER APPROVAL
Radiation Control	D, R	REMOVE RADIATION MONITOR FROM SERVICE
Emergency Procedures/Plan		NONE
<p>NOTE: All items (5 total) are required for SROs. RO applicants require only 4 items unless they are retaking only the administrative topics, when all 5 are required.</p>		
<p>* Type Codes & Criteria:</p> <p>(C)ontrol room, (S)imulator, or Class(R)oom (D)irect from bank (≤ 3 for ROs; ≤ 4 for SROs & RO retakes) (N)ew or (M)odified from bank (≥ 1) (P)revious 2 exams (≤ 1; randomly selected)</p>		

Facility: <u>PRAIRIE ISLAND</u>		Date of Examination: <u>AUGUST 2014</u>
Examination Level: <u>SRO</u>		Operating Test Number: <u>PI-ILT-NRC-14</u>
Administrative Topic (see Note)	Type Code*	Describe activity to be performed
Conduct of Operations	D, R	ASSESS SHIFT STAFFING LEVELS
Conduct of Operations	M, R	VERIFY CORRECT PROCEDURE
Equipment Control	N, R	CLEARANCE ORDER APPROVAL
Radiation Control	D, R	AUTHORIZE EMERGENCY RADIATION EXPOSURE
Emergency Procedures/Plan	D, R	EMERGENCY NOTIFICATION DURING A SECURITY EVENT
<p>NOTE: All items (5 total) are required for SROs. RO applicants require only 4 items unless they are retaking only the administrative topics, when all 5 are required.</p>		
<p>* Type Codes & Criteria:</p> <p>(C)ontrol room, (S)imulator, or Class(R)oom (D)irect from bank (≤ 3 for ROs; ≤ 4 for SROs & RO retakes) (N)ew or (M)odified from bank (≥ 1) (P)revious 2 exams (≤ 1; randomly selected)</p>		

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Control Room Systems® (8 for RO); (7 for SRO-I); (2 or 3 for SRO-U, including 1 ESF)		
System / JPM Title	Type Code*	Safety Function
a. CRDS / UNCONTROLLED ROD INSERTION	A, M, S	1
b. ESFAS / CONTAINMENT ISOLATION FAILURE	L, D, S, EN	2
c. ECCS / RAISE 11 SI ACCUMULATOR LEVEL	D, EN, S	3
d. SWS / LOSS OF COOLING WATER HEADER PRESSURE	A, N, S	4S
e. RCS / PRT HI TEMP AND HI LEVEL	A, M, S	5
f. EDG / SYNCHRONIZE D1 ON BUS 15	D, EN, S	6
g. NIS / PR DAILY CALIBRATION – SP 1005	N, S	7
h. IAS / INSTRUMENT AIR SYSTEM HIGH PRESSURE	A, N, S	8
In-Plant Systems® (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. PZR LCS / RAISE PZR LEVEL USING LOCAL CONTROLS	D, E, L, R	2
j. SWS / LOCALLY START/STOP 12 DDCLWP	A, D	4S
k. FP / INITIATE CARDOX	D	8
@ All RO and SRO-I control room (and in-plant) systems must be different and serve different safety functions; all 5 SRO-U systems must serve different safety functions; in-plant systems and functions may overlap those tested in the control room.		
* Type Codes	Criteria for RO / SRO-I / SRO-U	
(A)lternate path (C)ontrol room (D)irect from bank (E)mergency or abnormal in-plant (EN)gineered safety feature (L)ow-Power / Shutdown (N)ew or (M)odified from bank including 1(A) (P)revious 2 exams (R)CA (S)imulator	4-6 / 4-6 / 2-3 $\leq 9 / \leq 8 / \leq 4$ $\geq 1 / \geq 1 / \geq 1$ - / - / ≥ 1 (control room system) $\geq 1 / \geq 1 / \geq 1$ $\geq 2 / \geq 2 / \geq 1$ $\leq 3 / \leq 3 / \leq 2$ (randomly selected) $\geq 1 / \geq 1 / \geq 1$	

Facility: <u>PRAIRIE ISLAND</u>	Date of Examination: <u>AUGUST 2014</u>
Exam Level: <u>SRO-I</u>	Operating Test No.: <u>PI-ILT-NRC-14</u>

Control Room Systems [@] (8 for RO); (7 for SRO-I); (2 or 3 for SRO-U, including 1 ESF)		
System / JPM Title	Type Code*	Safety Function
a. CRDS / UNCONTROLLED ROD INSERTION	A, M, S	1
b. ESFAS / CONTAINMENT ISOLATION FAILURE	L, D, S, EN	2
c. ECCS / RAISE 11 SI ACCUMULATOR PRESSURE	D, EN, S	3
d. SWS / LOSS OF COOLING WATER HEADER PRESSURE	A, N, S	4S
e. RCS / PRT HI TEMP AND HI LEVEL	A, M, S	5
f. EDG / SYNCHRONIZE D1 ON BUS 15	D, EN, S	6
g. NONE		
h. IAS / SWAP IA COMPRESSORS WITH HIGH AIR PRESS	A, N, S	8

In-Plant Systems [@] (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. PZR LCS / RAISE PZR LEVEL USING LOCAL CONTROLS	D, E, L, R	2
j. SWS / LOCALLY START/STOP 12 DDCLWP	A, D	4S
k. FP / INITIATE CARDOX	D	8

<p>[@] All RO and SRO-I control room (and in-plant) systems must be different and serve different safety functions; all 5 SRO-U systems must serve different safety functions; in-plant systems and functions may overlap those tested in the control room.</p>		
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* Type Codes	Criteria for RO / SRO-I / SRO-U
(A)lternate path	4-6 / 4-6 / 2-3
(C)ontrol room	
(D)irect from bank	$\leq 9 / \leq 8 / \leq 4$
(E)mergency or abnormal in-plant	$\geq 1 / \geq 1 / \geq 1$
(EN)gineered safety feature	- / - / ≥ 1 (control room system)
(L)ow-Power / Shutdown	$\geq 1 / \geq 1 / \geq 1$
(N)ew or (M)odified from bank including 1(A)	$\geq 2 / \geq 2 / \geq 1$
(P)revious 2 exams	$\leq 3 / \leq 3 / \leq 2$ (randomly selected)
(R)CA	$\geq 1 / \geq 1 / \geq 1$
(S)imulator	

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Control Room Systems [@] (8 for RO); (7 for SRO-I); (2 or 3 for SRO-U, including 1 ESF)		
System / JPM Title	Type Code*	Safety Function
a. CRDS / UNCONTROLLED ROD INSERTION	A, M, S	1
b. ESFAS / CONTAINMENT ISOLATION FAILURE	L, D, S, EN	2
c. NONE		
d. NONE		
e. NONE		
f. NONE		
g. NONE		
h. IAS / SWAP IA COMPRESSORS WITH HIGH AIR PRESS	A, N, S	8

In-Plant Systems [@] (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. PZR LCS / RAISE PZR LEVEL USING LOCAL CONTROLS	D, E, L, R	2
j. SWS / LOCALLY START/STOP 12 DDCLWP	A, D	4S
k. NONE		

@	All RO and SRO-I control room (and in-plant) systems must be different and serve different safety functions; all 5 SRO-U systems must serve different safety functions; in-plant systems and functions may overlap those tested in the control room.
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* Type Codes	Criteria for RO / SRO-I / SRO-U
(A)lternate path	4-6 / 4-6 / 2-3
(C)ontrol room	
(D)irect from bank	$\leq 9 / \leq 8 / \leq 4$
(E)mergency or abnormal in-plant	$\geq 1 / \geq 1 / \geq 1$
(EN)gineered safety feature	- / - / ≥ 1 (control room system)
(L)ow-Power / Shutdown	$\geq 1 / \geq 1 / \geq 1$
(N)ew or (M)odified from bank including 1(A)	$\geq 2 / \geq 2 / \geq 1$
(P)revious 2 exams	$\leq 3 / \leq 3 / \leq 2$ (randomly selected)
(R)CA	$\geq 1 / \geq 1 / \geq 1$
(S)imulator	