

Facility: <u>PRAIRIE ISLAND</u>		Date of Examination: <u>June 210, 2016</u>
Examination Level: <u>RO</u>		Operating Test Number: <u>2016301</u>
Administrative Topic (see Note)	Type Code*	Describe activity to be performed
Conduct of Operations	M, R	RCS / STEAM GENERATOR TEMPERATURE VERIFICATION
Conduct of Operations	D, R	TURBINE STARTUP AND LOAD TIME
Equipment Control	D, R	REMOVE AN ANNUNCIATOR FROM SERVICE
Radiation Control	N/A	NOT APPLICABLE
Emergency Procedures/Plan	M, R	DETERMINE STEAM GENERATOR TUBE LEAK ACTION LEVEL
NOTE: All items (five total) are required for SROs. RO applicants require only four items unless they are retaking only the administrative topics (which would require all five items).		
* Type Codes & Criteria: (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)		

Facility: <u>PRAIRIE ISLAND</u>		Date of Examination: <u>June 10, 2016</u>
Examination Level: <u>SRO</u>		Operating Test Number: <u>2016301</u>
Administrative Topic (see Note)	Type Code*	Describe activity to be performed
Conduct of Operations	P, R	REVIEW CONTROL ROOM LOG
Conduct of Operations	D, R	VERIFY TIME TO BOILING DURING REDUCED INVENTORY
Equipment Control	N, R	PERFORM SHUTDOWN SAFETY ASSESSMENT
Radiation Control	D, R	AUTHORIZE WASTE GAS RELEASE
Emergency Procedures/Plan	N, R	REVIEW EMERGENCY NOTIFICATION REPORT
NOTE: All items (five total) are required for SROs. RO applicants require only four items unless they are retaking only the administrative topics (which would require all five items).		
* Type Codes & Criteria: (C)ontrol room, (S)imulator, or Class(R)oom (D)irect from bank ( $\leq 3$ for ROs; $\leq 4$ for SROs & RO retakes) (N)ew or (M)odified from bank ( $\geq 1$ ) (P)revious 2 exams ( $\leq 1$ ; randomly selected)		

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Control Room Systems: * 8 for RO; 7 for SRO-I; 2 or 3 for SRO-U		
System / JPM Title	Type Code*	Safety Function
a. CVCS / CHARGING PUMP TRIP	A, D, S	2
b. ECCS / ESTABLISH RHR FLOW TO THE RX VESSEL	N, L, EN, S	3
c. RCS / RCP THERMAL BARRIER HX LEAK	A, M, S	4P
d. MFW / FWRV CONTROL FAILURE AND ATWS	A, M, S	4S
e. CCS / ALTERNATE FAN COIL UNITS	N, EN, S	5
f. AC / VOLTAGE REGULATOR FAILURE	A, D, S	6
g. PRM / SECURE R11/12 IN CONTROL ROOM	N, S	7
h. FPS / ALIGN SCREENWASH PUMP TO FIRE HEADER	N, S	8
In-Plant Systems* (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. SWS / LOCAL START/STOP OF 22 DDCLWP	A, D, E	4S
j. EDG / RESET D1 DIESEL GENERATOR 86 RELAYS	L, D, E	6
k. SFPCS / STOP SPENT FUEL POOL PUMPS	D, E, R	8
* All RO and SRO-I control room (and in-plant) systems must be different and serve different safety functions; all five 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  $\leq 9 / \leq 8 / \leq 4$ $\geq 1 / \geq 1 / \geq 1$ $\geq 1 / \geq 1 / \geq 1$ (control room system) $\geq 1 / \geq 1 / \geq 1$ $\geq 2 / \geq 2 / \geq 1$ $\leq 3 / \leq 3 / \leq 2$ (randomly selected) $\geq 1 / \geq 1 / \geq 1$	

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Exam Level: <u> SRO-I </u>		Operating Test No.: <u> 2016301 </u>
Control Room Systems:* 8 for RO; 7 for SRO-I; 2 or 3 for SRO-U		
System / JPM Title	Type Code*	Safety Function
a. CVCS / CHARGING PUMP TRIP	A, D, S	2
b. ECCS / ESTABLISH RHR FLOW TO THE RX VESSEL	N, L, EN, S	3
c. RCS / RCP THERMAL BARRIER HX LEAK	A, M, S	4P
d. MFW / FWRV CONTROL FAILURE AND ATWS	A, M, S	4S
e. CCS / ALTERNATE FAN COIL UNITS	N, EN, S	5
f. AC / VOLTAGE REGULATOR FAILURE	A, D, S	6
g. N/A		
h. FPS / ALIGN SCREENWASH PUMP TO FIRE HEADER	N, S	8
In-Plant Systems* (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. SWS / LOCAL START/STOP OF 22 DDCLWP	A, D, E	4S
j. EDG / RESET D1 DIESEL GNERATOR 86 RELAYS	L, D, E	6
k. SFPCS / STOP SPENT FUEL POOL PUMPS	D, E, R	8
* All RO and SRO-I control room (and in-plant) systems must be different and serve different safety functions; all five 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	4-6 / 4-6 / 2-3	
(C)ontrol room		
(D)irect from bank	≤ 9 / ≤ 8 / ≤ 4	
(E)mergency or abnormal in-plant	≥ 1 / ≥ 1 / ≥ 1	
(EN)gineered safety feature	≥ 1 / ≥ 1 / ≥ 1 (control room system)	
(L)ow-Power / Shutdown	≥ 1 / ≥ 1 / ≥ 1	
(N)ew or (M)odified from bank including 1(A)	≥ 2 / ≥ 2 / ≥ 1	
(P)revious 2 exams	≤ 3 / ≤ 3 / ≤ 2 (randomly selected)	
(R)CA	≥ 1 / ≥ 1 / ≥ 1	
(S)imulator		

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Control Room Systems:* 8 for RO; 7 for SRO-I; 2 or 3 for SRO-U		
System / JPM Title	Type Code*	Safety Function
a. N/A		
b. ECCS / ESTABLISH RHR FLOW TO THE RX VESSEL	N, L, EN, S	3
c. RCS / RCP THERMAL BARRIER HX LEAK	A, M, S	4P
d. N/A		
e. N/A		
f. AC / VOLTAGE REGULATOR FAILURE	A, D, S	6
g. N/A		
h. N/A		
In-Plant Systems* (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. SWS / LOCAL START/STOP OF 22 DDCLWP	A, D, E	4S
j. N/A		
k. SFPCS / STOP SPENT FUEL POOL PUMPS (SF-1)	D, E, R	8
* All RO and SRO-I control room (and in-plant) systems must be different and serve different safety functions; all five 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	4-6 / 4-6 / 2-3	
(C)ontrol room		
(D)irect from bank	≤ 9 / ≤ 8 / ≤ 4	
(E)mergency or abnormal in-plant	≥ 1 / ≥ 1 / ≥ 1	
(EN)gineered safety feature	≥ 1 / ≥ 1 / ≥ 1 (control room system)	
(L)ow-Power / Shutdown	≥ 1 / ≥ 1 / ≥ 1	
(N)ew or (M)odified from bank including 1(A)	≥ 2 / ≥ 2 / ≥ 1	
(P)revious 2 exams	≤ 3 / ≤ 3 / ≤ 2 (randomly selected)	
(R)CA	≥ 1 / ≥ 1 / ≥ 1	
(S)imulator		