

Facility: <u>PRAIRIE ISLAND</u> Exam Level: <u>RO</u>	Date of Examination: <u>SEPTEMBER 2018</u> Operating Test No.: <u>PI-ILT-NRC-18</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. MALF OF AUTO MAKEUP DURING BORATION (VC-29SF)	A,N,S	1
b. RETURN 13 CHARGING PUMP TO STANDBY (VC-104S)	N, S	2
c. RCS / RCP THERMAL BARRIER HX LEAK (RC-24SF)	A, D, P, S	4P
d. STOP TDAFWP w/ ACCUMULATOR FAILURE (AF-21SF)	A, EN, N, S, L	4S
e. ALTERNATE CFCUs w/ CFCU HI TEMP (ZC-1SF)	A, D, EN	5
f. MANUAL START D5 EDG FROM CR (EG-20S)	EN, N, S	6
g. PRM / SECURE R11/12 IN CONTROL ROOM (RM-5S)	D, P, S	7
h. FIRE ALARM MONTHLY TEST (FP-8S)	N, S	8
In-Plant Systems* (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. RCP SEAL ISOLATION AFTER LOSS OF ALL AC (RC-8)	D, E, L, R	2
j. LOCAL OPERATION OF 22 TD AFWP (AF-16F-1)	A, D, EN,	4S
k. STARTUP PORTABLE BATTERY CHARGER (DC-1)	D, E	6
* 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) $\geq 1 / \geq 1 / \geq 1$	

Facility: <u>PRAIRIE ISLAND</u> Exam Level: <u>SRO-I</u>	Date of Examination: <u>SEPTEMBER 2018</u> Operating Test No.: <u>PI-ILT-NRC-18</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. MALF OF AUTO MAKEUP DURING BORATION (VC-29SF)	A,N,S	1
b. RETURN 13 CHARGING PUMP TO STANDBY (VC-104S)	N, S	2
c. RCS / RCP THERMAL BARRIER HX LEAK (RC-24SF)	A, D, P, S	4P
d. STOP TDAFWP w/ ACCUMULATOR FAILURE (AF-21SF)	A, EN, N, S, L	4S
e. ALTERNATE CFCUs w/ CFCU HI TEMP (ZC-1SF)	A, D, EN	5
f. MANUAL START D5 EDG FROM CR (EG-20S)	EN, N, S	6
g. NONE		
h. FIRE ALARM MONTHLY TEST (FP-8S)	N, S	8
In-Plant Systems* (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. RCP SEAL ISOLATION AFTER LOSS OF ALL AC (RC-8)	D, E, L, R	2
j. LOCAL OPERATION OF 22 TD AFWP (AF-16F-1)	A, D, EN,	4S
k. STARTUP PORTABLE BATTERY CHARGER (DC-1)	D, E	6
* 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) $\geq 1 / \geq 1 / \geq 1$	

Facility: <u>PRAIRIE ISLAND</u>	Date of Examination: <u>SEPTEMBER 2018</u>	
Exam Level: <u>SRO-U</u>	Operating Test No.: <u>PI-ILT-NRC-18</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. NONE		
b. NONE		
c. RCS / RCP THERMAL BARRIER HX LEAK (RC-24SF)	A, D, P, S	4P
d. STOP TDAFWP w/ ACCUMULATOR FAILURE (AF-21SF)	A, EN, N, S, L	4S
e. NONE		
f. NONE		
g. PRM / SECURE R11/12 IN CONTROL ROOM (RM-5S)	D, P, S	7
h. NONE		
In-Plant Systems* (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. RCP SEAL ISOLATION AFTER LOSS OF ALL AC (RC-8)	D, E, L, R	2
j. NONE		
k. STARTUP PORTABLE BATTERY CHARGER (DC-1)	D, E	6
* 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) $\geq 1 / \geq 1 / \geq 1$	