

Facility: Monticello Exam Level: RO <b>X</b> SRO-I SRO-U		Date of Examination: 1/28/2013 Operating Test No.: MNGP 2013301	
Control Room Systems <sup>@</sup> (8 for RO); (7 for SRO-I); (2 or 3 for SRO-U, including 1 ESF)			
System / JPM Title		Type Code*	Safety Function
a. <b>RHR</b> / PLACE CORE SPRAY IN TORUS MIXING MODE		D, P, S	4
b. <b>RCIC</b> / MANUALLY INITIATE RCIC FOR REACTOR LEVEL CONTROL / 217000 A4.07 3.9/3.8		A, D, L, P, S	2
c. <b>EDG</b> / SHUTDOWN OF EDG		D, L, S	6
d. <b>PCIS</b> / MANUALLY INSERT A GROUP 4 ISOLATION		A, N, EN, S	5
e. <b>Stator Cooling</b> / SWAPPING STATOR COOLING PUMPS		A, D, S	3
f. <b>CRD</b> / CONTROL ROD DRIVE EXERCISE		A, D, S	1
g. <b>CNMT</b> / BULK DW TEMPERATURE MANUAL CALCULATION / 216000 A4.01 3.3/3.1		D, S	7
h. <b>Rad Monitoring</b> / REMOVING STACK WRGM FROM SERVICE		N, S	9
In-Plant Systems <sup>@</sup> (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)			
i. <b>RPS</b> / DEPRESSURIZE THE SCRAM AIR HEADER FROM ASDS PANEL		D, E, P	1
j. <b>DRAINS</b> / RESET THE LEAK RATE CHANGE HIGH ALARM TIMER		D	5
k. <b>LPCI</b> / FIRE WATER CROSS-TIE TO LPCI		D, E, R	2
@ 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  $\leq 9 / \leq 8 / \leq 4$ $\geq 1 / \geq 1 / \geq 1$ - / - / $\geq 1$ (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: Monticello Exam Level: RO    SRO-I <b>X</b> SRO-U		Date of Examination: 1/28/2013 Operating Test No.: MNGP 2013301	
Control Room Systems <sup>@</sup> (8 for RO); (7 for SRO-I); (2 or 3 for SRO-U, including 1 ESF)			
System / JPM Title		Type Code*	Safety Function
a. <b>RHR</b> / PLACE CORE SPRAY IN TORUS MIXING MODE		D, P, S	4
b. <b>RCIC</b> / MANUALLY INITIATE RCIC FOR REACTOR LEVEL CONTROL		A, D, L, P, S	2
c. <b>EDG</b> / SHUTDOWN OF EDG		D, L, S	6
d. <b>PCIS</b> / MANUALLY INSERT A GROUP 4 ISOLATION		A, N, EN, S	5
e. <b>Stator Cooling</b> / SWAPPING STATOR COOLING PUMPS		A, D, S	3
f. <b>n/a</b>			
g. <b>CNMT</b> / BULK DW TEMPERATURE MANUAL CALCULATION		D, S	7
h. <b>Rad Monitoring</b> / REMOVING STACK WRGM FROM SERVICE		N, S	9
In-Plant Systems <sup>@</sup> (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)			
i. <b>RPS</b> / DEPRESSURIZE THE SCRAM AIR HEADER FROM ASDS PANEL		D, E, P	1
j. <b>Drains</b> / RESET THE LEAK RATE CHANGE HIGH ALARM TIMER		D	5
k. <b>LPCI</b> / FIRE WATER CROSS-TIE TO LPCI		D, E, R	2
@ 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  $\leq 9 / \leq 8 / \leq 4$ $\geq 1 / \geq 1 / \geq 1$ - / - / $\geq 1$ (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: Monticello		Date of Examination: 1/28/2013
Exam Level: RO SRO-I SRO-U <b>X</b>		Operating Test No.: MNGP 2013301
Control Room Systems <sup>@</sup> (8 for RO); (7 for SRO-I); (2 or 3 for SRO-U, including 1 ESF)		
System / JPM Title	Type Code*	Safety Function
a. n/a		
b. n/a		
c. <b>EDG</b> / SHUTDOWN OF EDG	D, L, S	6
d. <b>PCIS</b> / MANUALLY INSERT A GROUP 4 ISOLATION	A, N, EN, S	5
e. <b>Stator Cooling</b> / SWAPPING STATOR COOLING PUMPS	A, D, S	3
f. n/a		
g. n/a		
h. n/a		
In-Plant Systems <sup>@</sup> (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. <b>RPS</b> / DEPRESSURIZE THE SCRAM AIR HEADER FROM ASDS PANEL	D, E, P	1
j. n/a		
k. <b>LPCI</b> / FIRE WATER CROSS-TIE TO LPCI	D, E, R	2
<p><b>@</b> 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>		
* 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	- / - / $\geq 1$ (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		