

Facility: <u>Monticello Nuclear Generating Plant</u>		Date of Examination: <u>June 12, 2015</u>
Exam Level: RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>		Operating Test No.: <u>2015301</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. RD / CRD Pump Swapover	A, N, S	1
b. PCI / Place HPCI In Pressure Control	L, N, S	4
c. CS / Isolate Core Spray Loop A	D, S	2
d. NI / Bypassing an LPRM	D, S	7
e. Stator Cooling / Swapping Stator Cooling Pumps	A, D, P, S	3
f. Main Turbine / Turbine-Generator Synchronization And Loading	A, D, S	6
g. SCTMT / Manually Isolate SCTMT	A, D, P, S	5
h. Rad Monitoring / Removing Stack WRGM From Service	P, S	9
In-Plant Systems [@] (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. PCS / Primary Containment Venting From ASDS	D, E, L	5
j. SRV / Resetting SRV Low Low Set System Trip Units	D	3
k. ECCS / Use Of Alternate Injection Systems For RPV Makeup	D, E, R	2
<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>		
* 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. CRD / CRD Pump Swapover	A, N, S	1
b. HPCI / Place HPCI In Pressure Control	L, N, S	4
c. n/a	n/a	n/a
d. NI / Bypassing an LPRM	D, S	7
e. Stator Cooling / Swapping Stator Cooling Pump	A, D, P, S	3
f. Main Turbine / Turbine-Generator Synchronization And Loading	A, D, S	6
g. SCTMT / Manually Isolate SCTMT	A, D, P, S	5
h. Rad Monitoring / Removing Stack WRGM From Service	P, S	9
In-Plant Systems [@] (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. PCS / Primary Containment Venting From ASDS	D, E, L	5
i. SRV / Resetting SRV Low Low Set System Trip Units	D	3
j. ECCS / Use Of Alternate Injection Systems For RPV Makeup	D, E, R	2
<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>		
* 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) $\geq 1 / \geq 1 / \geq 1$	