

Facility: <u>Perry</u>		Date of Examination: <u>06/14/1010</u>
Examination Level: RO <input checked="" type="checkbox"/> SRO <input type="checkbox"/>		Operating Test Number: <u>2010-01</u>

Administrative Topic (see Note)	Type Code*	Describe activity to be performed
Conduct of Operations	D, S	Perform a Valve and System Lineup on RCIC
Conduct of Operations	D, R	Determine Requirements to Reactivate a License
Equipment Control	M, R	Determine Drywell Floor and Equipment Drain Leakage
Radiation Control	D, R	Evaluate an RWP and Survey Map
Emergency Procedures/Plan		

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.

*** 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)

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Conduct of Operations	D, S	Perform a Valve and System Lineup on RCIC
Conduct of Operations	D, R	Determine Requirements to Reactivate a License
Equipment Control	M, R	Determine Drywell Floor and Equipment Drain Leakage
Radiation Control	D, R	Evaluate an RWP and Survey Map
Emergency Procedures/Plan	D, R	Classify an Event and Determine a PAR

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(C)ontrol room, (S)imulator, or Class(R)oom

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Facility: <u>Perry</u>		Date of Examination: <u>06/14/2010</u>
Exam Level: RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>		Operating Test No.: <u>2010-01</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. Bypass and Reset Scram/ARI Signals During an ATWS	C, M	1
b. Bypass HPCS and MFP Level 8 Trip for RPV Flooding	C, D	2
c. Start Vacuum Pumps following a Loss of Condenser Vacuum	A, S, L, M	3
d. Establish Shutdown Cooling, Head Spray then Trip Pump Due to Loss of Suction Pressure	A, S, L, M	4
e. Initiate Containment Spray	A, S, N	5
f. Restore Off-Site Power	D, L, C	6
g. Control Rod Bypassed in RACCS	C, D	7
h. Bypass Instrument Air Isolation and Start an Air Compressor	A, M, S	8
In-Plant Systems [@] (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. Perform Alternate Boron Injection	D, E, P, R	1
j. Isolate an Instrument Air Receiver	A, M, E	8
k. LPCI B Shutdown at Division 2 Remote Shutdown Panel	D, E, L	7
<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) $\geq 1 / \geq 1 / \geq 1$	

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a. Bypass and Reset Scram/ARI Signals During an ATWS	C, M	1
b. Bypass HPCS and MFP Level 8 Trip for RPV Flooding	C, D	2
c. Start Vacuum Pumps following a Loss of Condenser Vacuum	A, S, L, M	3
d. Establish Shutdown Cooling, Head Spray then Trip Pump Due to Loss of Suction Pressure	A, S, L, M	4
e. Initiate Containment Spray	A, S, N	5
f. Restore Off-Site Power	D, L, C	6
g. Bypass Instrument Air Isolation and Start an Air Compressor	A, M, S	8
h. n/a		
In-Plant Systems [@] (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. Perform Alternate Boron Injection	D, E, P, R	1
j. Isolate an Instrument Air Receiver	A, M, E	8
k. LPCI B Shutdown at Division 2 Remote Shutdown Panel	D, E, L	7
@ 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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a. Establish Shutdown Cooling, Head Spray then Trip Pump Due to Loss of Suction Pressure	A, S, L, M	4
b. Initiate Containment Spray	A, S, N, EN	5
c. Restore Off-Site Power	D, L, C	6
d.		
e.		
f.		
g.		
h.		
In-Plant Systems [@] (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
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