

Facility: <u>Clinton</u>		Date of Examination: <u>03/16/15</u>
Examination Level: RO <input checked="" type="checkbox"/> SRO <input type="checkbox"/>		Operating Test Number: <u>2015-301</u>
Administrative Topic (See Note)	Type Code*	Describe activity to be performed
Conduct of Operations	R,D	Prepare A Request To Alter The CX/CZ Database JPM 423 2.1.20 / 4.6 Ability to interpret and execute procedure steps.
Conduct of Operations	S,D,P	Perform Offsite Source Power Verification JPM 441 2.1.31 / 4.6 Ability to locate control room switches, controls, and indications, and to determine that they correctly reflect the desired plant lineup.
Equipment Control	S,N	Perform CPS 9000.01D001 Control Room Surveillance Log - Mode 1, 2, 3 JPM 534 2.2.12 / 3.7 Knowledge of surveillance procedures.
Radiation Control	R,N	Use CPS RP On-line to determine Radiological Requirements JPM 532 2.3.7 / 3.5 Ability to comply with radiation work permit requirements during normal or abnormal conditions,
Emergency Procedures/Plan	N/A	N/A
NOTE: All items (5 total) are required for SROs. RO applicants require only 4 items unless they are retaking only the administrative topics, when 5 are required.		
* Type Codes & Criteria: <ul style="list-style-type: none"> (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	R,D	Review 9170.02 Control Room HVAC Chilled Water Valve Operability Test JPM 509 2.1.7 / 4.7 Ability to evaluate plant performance and make operational judgments based on operating characteristics, reactor behavior, and instrumentation interpretation.
Conduct of Operations	R,D	Reactivation of SRO License JPM 539 2.1.4 / 3.8 Knowledge of individual licensed operator responsibilities related to shift staffing, such as medical requirements, "no-solo" operation, maintenance of active license status, 10CFR55, etc.
Equipment Control	N,S	Tech Spec Call / Clearance Approval JPM 538 2.2.40 / 4.7 Ability to apply Technical Specifications for a system.
Radiation Control	N,R	Review CPS 9038.70 Radiation Monitoring Source Check Surveillance JPM 536 2.3.15 / 3.1 Knowledge of radiation monitoring systems, such as fixed radiation monitors and alarms, portable survey instruments, personnel monitoring equipment, etc.
Emergency Procedures/Plan	R,N	Determine Reporting Requirements JPM 535 2.4.30 / 4.1 Knowledge of events related to system operation/status that must be reported to internal organizations or external agencies, such as the State, the NRC, or the transmission system operator.
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Exam Level: RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>		Operating Test Number: <u>2015-301</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. 202002 A4.08 3.3 / JPM429 FCV Runback Reset	D,S	1
b. 259001 A4.02 3.9 / JPM530 TDRFP 'B' Startup (Alternate Path)	A,N,S	2
c. 241000 A1.08 / 3.3 JPM501 9031.07 Main Turbine Control Valve Tests	D,S	3
d. 209001 A4.11 / 3.7 JPM416 Restore RPV Water Level Using Low Pressure ECCS (Alternate Path)	A, EN,L,N, S	4
e. 223001 2.1.23 / 4.3 JPM531 CNMT Pool Makeup from SP	N,L,S	5
f. 264000 A4.04 3.7 / JPM418 Parallel DG1B with Offsite Power	EN, M, S	6
g. 212000 A4.02 3.6 / JPM537 Perform RPS MSIV Channel Functional (Alternate Path)	A,N,S	7
h. 288000 A4.01 3.1 / JPM417 Startup Containment Building/Drywell HVAC (VR, VQ) in Containment Vent Mode (Alternate Path)	A,L,N,S	9
In-Plant Systems [@] (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. 217000 A2.10 3.1 / JPM247 RCIC Startup at RSP (Alternate Path)	A,D,E,EN, L	2
j. 286000 A 2.08 3.2 / JPM244 Manual Startup of a Diesel Fire Pump (Alternate Path)	A,D,E	8
k. 264000 2.1.30 4.4 / JPM451 Reset 1C DG after an Overspeed Trip	D,E,EN,R	6
<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	≤ 9 / ≤ 8 / ≤ 4	
(E)mergency or abnormal in-plant	≥ 1 / ≥ 1 / ≥ 1	
(EN)gineered safety feature	- / - / ≥ 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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