

Facility: <u>Clinton</u>	Date of Examination: <u>08/19/13</u>
Examination Level: RO <input checked="" type="checkbox"/> SRO <input type="checkbox"/>	Operating Test Number: <u>2013301</u>

Administrative Topic (See Note)	Type Code*	Describe activity to be performed
Conduct of Operations	D, R	JPM 402, Perform CPS 9820.01 Core Thermal Limits 2.1.19 RO 3.9
Conduct of Operations	D, P, R	JPM 409 Perform a License Maintenance Check 2.1.04 RO 3.3
Equipment Control	M, R	JPM 512 Perform a Manual Jet Pump Operability 2.2.12 RO 3.7
Radiation Control	D, R	JPM 513 Perform a Locked High Radiation Area Entry 2.3.7 RO 3.5
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:
 (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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Exam Level: RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	Operating Test Number: <u>2013301</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. RCIC / Task 331001.04 / Manually Startup RCIC System / JPM204 217000 A4.04 3.6/3.6	A, D, P, EN, L, S	2
b. Reactor/Turbine Pressure Regulating System / Task 381201.01 Turbine On Line Tests (AP) / JPM517 / 241000 A4.19 3.5/3.4	A, M, S	3
c. Main and Reheat Steam System / Task 441109.01 / Equalize Around and Open MSIVs per CPS 4411.09 / JPM 436 / 239001 A4.01 4.2/4.0	D, L, S	4
d. Plant Ventilation Systems / Task 340801.36 / Startup CCP in Filtered Mode / JPM518 / 288000 A4.01 3.1/2.9	N, S	9
e. Emergency Generators / Task 350601.05 / Parallel DG 1B With Offsite Power / JPM 414 / 264000 A4.04 3.7/3.7	A, D, P, S	6
f. RPS / Task 903116.01 / Perform a Manual Scram Functional/SDV Hi Level Bypass Test / JPM519 / 212000 A4.02 3.6/3.7	N, S	7
g. Instrument Air System / Task 310101.08 / Restore ADS Air Supply To Normal Source / JPM 427 / 300000 A4.01 2.6/2.7	A, D, S	8
h. PCIS/NSSS / Task 400102.99 / Verify Group 15 Automatic Isolation / JPM520 / 223002 A4.06 3.6/3.7	A, EN, L, N, S	5
i. SCRAM Condition Present and Reactor Power above Downscale or Unknown / Task 441108.01 / Defeat ATWS Interlocks / JPM 283 / 295037 A1.03 4.1/4.1	D, R, E	1
j. High Suppression Pool Water Level / Task 441105.01 / High Containment Level Protective Actions / JPM 222 / 295029 2.4.35 3.8/4.0	D, R, E	5
k. DC Distribution / Task 350301.17 / Cross Connect DC Distribution Panels 1E and 1F / JPM 065 / 263000 2.1.30 4.4/4.0	D, R	6

[@] 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	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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Conduct of Operations	D, R	JPM 425 Review Surveillance 9820.01 Power Distribution Limits 2.1.7 SRO 4.7
Conduct of Operations	M, R	JPM 514 Determine Reporting Requirements per OP-AA-106-101 2.1.18 SRO 3.8
Equipment Control	M, S	JPM 515 Determine On-Line Risk 2.2.17 SRO 3.8
Radiation Control	M, R	JPM 516 Select Volunteers and Authorize an Emergency Exposure for a Life-Saving Operation 2.3.4 SRO 3.7
Emergency Procedures/Plan	D, P, R	JPM 116 Determine Protective Action Recommendations 2.4.44 SRO 4.4

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i. SCRAM Condition Present and Reactor Power above Downscale or Unknown / Task 441108.01 / Defeat ATWS Interlocks / JPM 283 / 295037 A1.03 4.1/4.1	D, R, E	1
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k. DC Distribution / Task 350301.17 / Cross Connect DC Distribution Panels 1E and 1F / JPM 065 / 263000 2.1.30 4.4/4.0	D, R	6
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