

Facility: <u>Clinton</u>	Date of Examination: <u>9/09/2019</u>
Exam Level: RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	Operating Test Number: <u>2019-301</u>

Control Room Systems:* 8 for RO, 7 for SRO-I, and 2 or 3 for SRO-U		
System/JPM Title	Type Code*	Safety Function
a. 201005 A3.04 3.3 / JPM561 Control Rod Scram Time Testing Restoration (Alternate Path)	A,N,S	1
b. 295031 EA1.01 4.4 / JPM250 Initiate Low Pressure ECCS System and Maximize Injection (Alternate Path)	A,D,EN,L,S	2
c. 241000 A4.19 3.5 / JPM517 Turbine On Line Tests (Alternate Path)	A,D,S	3
d. 223001 A2.01 4.3 / JPM473 Place FW Leakage Control in Service	D,EN,L,S,P	5
e. 217000 A4.04 3.6 / JPM204 Manually Startup RCIC System (Alternate Path)	A,D,EN,L,S	4
f. 295003 AA1.01 / 3.7 JPM503 Re-Energize 4160V Bus 1A	D,L,P,S	6
g. 300000 A4.01 2.6 / JPM427 Restore ADS Air Supply To Normal Source (Alternate Path)	A,D,P,S	8
h. 288000 A4.01 3.1 / JPM560 Shift CCP Supply and Exhaust Fans	N,S	9

In-Plant Systems:* 3 for RO, 3 for SRO-I, and 3 or 2 for SRO-U		
i. 262002 2.1.30 4.4 / JPM026 Manual Transfer of Distribution Load Panel Loads (NSPS Solenoid) (RPS) FROM Alternate Power TO the Inverter	D,R	6
j. 295031 EA1.04 4.3 / JPM228 Defeating HPCS Level 8 Isolation	C,D,E,EN,L	2
k. 295016 AA1.08 / 4.0 JPM272 Operate A SRV From The 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 five SRO-U systems must serve different safety functions, and in-plant systems and functions may overlap those tested in the control room.	
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* Type Codes	Criteria for R /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 $\leq 9/\leq 8/\leq 4$ $\geq 1/\geq 1/\geq 1$ $\geq 1/\geq 1/\geq 1$ (control room system) $\geq 1/\geq 1/\geq 1$ $\geq 2/\geq 2/\geq 1$ $\leq 3/\leq 3/\leq 2$ (randomly selected) $\geq 1/\geq 1/\geq 1$

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e. 217000 A4.04 3.6 / JPM204 Manually Startup RCIC System (Alternate Path)	A,D,EN,L,S	4
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g. 300000 A4.01 2.7 / JPM427 Restore ADS Air Supply To Normal Source (Alternate Path)	A,D,P,S	8
h. 288000 A4.01 2.9 / JPM560 Shift CCP Supply and Exhaust Fans	N,S	9

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i. 262002 2.1.30 4.0 / JPM026 Manual Transfer of Distribution Load Panel Loads (NSPS Solenoid) (RPS) FROM Alternate Power TO the Inverter	D,R	6
j. 295031 EA1.04 4.2 / JPM228 Defeating HPCS Level 8 Isolation	C,D,E,EN,L	2
k. 295016 AA1.08 / 4.0 JPM272 Operate A SRV From The Remote Shutdown Panel	D, E, L	7

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