

Facility: <u>Clinton</u>	Date of Examination: <u>3/29/2021</u>	
Exam Level: RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	Operating Test Number: <u>2021-301</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. 201001 A2.01 3.2 / JPM562 Control Rod Difficult to Withdraw / RD Pump Trip (Alternate Path)	A, EN, N, S	1
b. 259001 A4.02 3.9 / JPM530 TDRFP 'B' Startup (Alternate Path)	A, D, S	2
c. 241000 A1.08 3.3 / JPM501 Main Turbine Control Valve Tests	D, P, S	3
d. 245000 A4.01 2.7 / JPM563 On-Line Testing Of Turning Gear Oil Pump 1TO04P	N, S	4
e. 223001 2.1.23 4.3 / JPM531 CNMT Pool Makeup from SP	D, EN, L, P, S	5
f. 262001 A4.04 3.6 / JPM432 Transferring 4160V Bus 1B1 from the Main to the Reserve Source (Alternate Path)	A, D, S	6
g. 400000 A2.01 3.3 / JPM466 Shift CCW Pumps (Alternate Path)	A, D, S	8
h. 290003 A4.01 3.2 / JPM565 Startup the Control Room Ventilation System (VC) in the High Radiation Mode (Alternate Path)	A, L, EN, N, S	9
In-Plant Systems:* 3 for RO, 3 for SRO-I, and 3 or 2 for SRO-U		
i. 264000 2.1.30 4.4 / JPM451 Reset 1C Diesel Generator After an Overspeed Trip	D, E, EN, R	6
j. 295019 AA1.02 3.3 / JPM428 Place IA Ring Header Automatic Isolation Valve into Service	D, E, R	8
k. 295016 AA1.07 4.2 / JPM533 RSP - Div 2 LPCI Operation	D, E, EN, L, P, R	2

<p>* 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.</p>	
* Type Codes	Criteria for R /SRO-I/SRO-U
<p>(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</p>	<p>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) $\geq 1/\geq 1/\geq 1$</p>

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c. 241000 A1.08 3.2 / JPM501 Main Turbine Control Valve Tests	D, P, S	3
d. 245000 A4.01 2.7 / JPM563 On-Line Testing Of Turning Gear Oil Pump 1TO04P	N, S	4
e. 223001 2.1.23 4.4 / JPM531 CNMT Pool Makeup from SP	D, EN, L, P, S	5
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g. 400000 A2.01 3.4 / JPM466 Shift CCW Pumps (Alternate Path)	A, D, S	8
h. 290003 A4.01 3.2 / JPM565 Startup the Control Room Ventilation System (VC) in the High Radiation Mode (Alternate Path)	A, L, EN, N, S	9
In-Plant Systems:* 3 for RO, 3 for SRO-I, and 3 or 2 for SRO-U		
i. 264000 2.1.30 4.0 / JPM451 Reset 1C Diesel Generator After an Overspeed Trip	D, E, EN, R	6
j. 295019 AA1.02 3.1 / JPM428 Place IA Ring Header Automatic Isolation Valve into Service	D, E, R	8
k. 295016 AA1.07 4.3 / JPM533RSP - Div 2 LPCI Operation	D, E, EN, L, P, R	2

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* Type Codes	Criteria for R /SRO-I/SRO-U
<p>(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</p>	<p>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) $\geq 1/\geq 1/\geq 1$</p>

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* Type Codes	Criteria for R /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	$\geq 1/\geq 1/\geq 1$ (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	