

Facility: <u>Perry Nuclear Power Plant</u>	Date of Examination: <u>2/08/2021</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. 202001 A2.03 / 3.6 JPM OT-3701-B33_504_RO Startup Idle RR Pump with High Vibes requiring Manual Pump Trip (Alternate Path)	N, A, L, S	1
b. 209001 A4.02 / 3.5 JPM OT-3701-E21_001_RO Quarterly LPCS Suction Valve Surveillance	N, S	2
c. 241000 A4.06 / 3.9 JPM OT-3701-C85_501_RO Perform Main Turbine Bypass Valve Cycle Test (Alternate Path)	N, A, S	3
d. 204000 A4.01 / 3.1 JPM OT-3701-G33_003_RO Restart of RWCU Pumps Following RWCU Pump trip.	N, S	4
e. 217000 2.1.23 / 4.3 JPM OT-3701-E12_507_RO Secure RHR Cont Spray->SPC w/trip of ECCS pump->>manual realign LPCI (Alternate Path)	N, A, EN, L, S	5
f. 201005 A2.06 3.2 / JPM OT-3701-C11_010_RO Bypass a Control Rod in the Rod Control System Cabinets	D, S	7
g. 400000 A2.01 3.3 / JPM OT-3701-P43_502_RO Swap Running CCW Pumps with Other CCW Pump Trip (Alternate Path)	N, E, A, S	8
h. 288000 A4.01 2.9 / JPM OT-3701-M13_501_RO Swap Trains in Single Train Drywell Ventilation Mode (Alternate Path)	N, A, S	9
In-Plant Systems:* 3 for RO, 3 for SRO-I, and 3 or 2 for SRO-U		
i. 295016 AA1.06 4.3* / JPM OT-3701-C61_110_RO Start RCIC and control RPV Water level from Division 1 Remote Shutdown Panel	D, L, E	2
j. 262002 A4.01 / 2.8 JPM OT-3701-R14_501_RO Startup Static Inverter and Transfer Loads to the Preferred Source (Alternate Path)	D, A	6
k. 286000 A1.05 / 3.2 JPM OT-3701-P54_004_RO Align Fire Water for injection via LPCS	N, E, R, L	8
* 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.		

* 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) $\geq 1/\geq 1/\geq 1$

Facility: <u>Perry Nuclear Power Station</u>	Date of Examination: <u>2/08/2021</u>	
Exam Level: RO <input type="checkbox"/> SRO-I <input checked="" 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. 202001 A2.03 / 3.6 JPM OT-3701-B33_504_RO Startup Idle RR Pump with High Vibes requiring Manual Pump Trip (Alternate Path)	N, A, L, S	1
b. N/A	N/A	-
c. 241000 A4.06 / 3.9 JPM OT-3701-C85_501_RO Perform Main Turbine Bypass Valve Cycle Test (Alternate Path)	N, A, S	3
d. 204000 A4.01 / 3.1 JPM OT-3701-G33_003_RO Restart of RWCU Pumps Following RWCU Pump trip.	N, S	4
e. 217000 2.1.23 / 4.3 JPM OT-3701-E12_507_RO Secure RHR Cont Spray->SPC w/trip of ECCS pump->>manual realign LPCI (Alternate Path)	N, A, EN, L, S	5
f. 201005 A2.06 3.2 / JPM OT-3701-C11_010_RO Bypass a Control Rod in the Rod Control System Cabinets	D, S	7
g. 400000 A2.01 3.3 / JPM OT-3701-P43_502_RO Swap Running CCW Pumps with Other CCW Pump Trip (Alternate Path)	N, E, A, S	8
h. 288000 A4.01 2.9 / JPM OT-3701-M13_501_RO Swap Trains in Single Train Drywell Ventilation Mode (Alternate Path)	N, A, S	9
In-Plant Systems:* 3 for RO, 3 for SRO-I, and 3 or 2 for SRO-U		
i. 295016 AA1.06 4.3* / JPM OT-3701-C61_110_RO Start RCIC and control RPV Water level from Division 1 Remote Shutdown Panel	D, L, E	2
j. 262002 A4.01 / 2.8 JPM OT-3701-R14_501_RO Startup Static Inverter and Transfer Loads to the Preferred Source (Alternate Path)	D, A	6
k. 286000 A1.05 / 3.2 JPM OT-3701-P54_004_RO Align Fire Water for injection via LPCS	N, E, R, L	8
* 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.		
* 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	$\geq 1/\geq 1/\geq 1$
(E)ngineered 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	

Facility: <u>Perry Nuclear Power Station</u>	Date of Examination: <u>2/08/2021</u>	
Exam Level: RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input checked="" 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. N/A	N/A	-
b. N/A	N/A	-
c. N/A	N/A	-
d. N/A	N/A	-
e. 217000 2.1.23 / 4.3 JPM OT-3701-E12_507_RO Secure RHR Cont Spray->SPC w/trip of ECCS pump->>manual realign LPCI (Alternate Path)	N, A, EN, L, S	5
f. 201005 A2.06 3.2 / JPM OT-3701-C11_010_RO Bypass a Control Rod in the Rod Control System Cabinets	D, S	7
g. N/A	N/A	-
h. N/A	N/A	-
In-Plant Systems:* 3 for RO, 3 for SRO-I, and 3 or 2 for SRO-U		
i. 295016 AA1.06 4.3* / JPM OT-3701-C61_110_RO Start RCIC and control RPV Water level from Division 1 Remote Shutdown Panel	D, L, E	2
j. 262002 A4.01 / 2.8 JPM OT-3701-R14_501_RO Startup Static Inverter and Transfer Loads to the Preferred Source (Alternate Path)	D, A	6
k. 286000 A1.05 / 3.2 JPM OT-3701-P54_004_RO Align Fire Water for injection via LPCS	N, E, R, L	8
* 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.		
* 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	$\geq 1/\geq 1/\geq 1$
(E)ngineered 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	