

Facility: <b>PALISADES NUCLEAR PLANT</b>		Date of Examination: <b>2/13 – 2/20 2017</b>
Examination Level: RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>		Operating Test Number: _____
Control Room Systems:* 8 for RO; 7 for SRO-I; 2 or 3 for SRO-U		
System / JPM Title	Type Code*	Safety Function
a. Synch Main Generator	D,S	4S
b. Respond to Safety Injection Tank high pressure	N,S	3
c. Respond to Control Room Outside Air Intake Radiation Monitor Alarms	N,S	9
d. Shift 4160VAC Busses from Startup Power to Station Power	N,S	6
e. Open MSIVs after Reactor is Critical	A,D,L,S	4P
f. Primary Coolant System Inventory Control	A,EN,M,S	1
g. Containment Air Cooler Service Water Leak	N,S	5
h. Hot Leg Injection Using P-66B and Split Flow	A,L,M,S	2
In-Plant Systems* (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. Respond to Radiation Monitor RIA-1810 Low Sample Flow Rate	N,R	8
j. Purge the Main Generator to Raise Hydrogen Purity	N	4S
k. Isolate 'B' SG from Outside the Control Room	A,E,M	3
* 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; 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 / ≥ 1 / ≥ 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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b. Respond to Safety Injection Tank high pressure	N,S	3
c. N/A	N/A	N/A
d. Shift 4160VAC Busses from Startup Power to Station Power	N,S	6
e. Open MSIVs after Reactor is Critical	A,D,L,S	4P
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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) $\geq 1 / \geq 1 / \geq 1$	