

Facility: <u>Dresden Generating Station</u>	Date of Examination: <u>4/8/19</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. 201003.A2.02 CRD - Rod Overtravel above 10% Power (AP)	A, D, S	1
b. 295031.A1.08 FW - Alternate Water Injection Using Standby Coolant	D, S	2
c. 239001.A4.01 MSIV - Closure Test with Failure of Test Solenoid (AP)	A, D, S	3
d. 206000.A1.08 HPCI - HPCI for Pressure Control with Failure of Aux Oil Pump to Start (AP)	A, D, EN, S	4
e. 223001.A4.10 Containment – Deinerter Drywell to RBX with Changing Drywell Conditions (AP)	A, D, EN, S	5
f. 262001.A3.01 AC Dist – Swap Bus Duct Coolers	A, N, S	6
g. 400000.A4.01 Lift Station - Swap Lift Station Operating Pumps	D, S	8
h. 261000.A4.06 SBGT – Shutdown SBGT	D, EN, S	9
In-Plant Systems:* 3 for RO, 3 for SRO-I, and 3 or 2 for SRO-U		
i. 295031.A1.08 SBLC – Line-up SBLC Test Tank for Alternate Water Injection	D, E, EN, L, R	2
j. 212000.K4.03 RPS – Transfer RPS to the Reserve Power Supply	D	7
k. 201001.A2.06 CRD – Swap CRD Suction Filters	E, N, R	1
* 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) $\geq 1/\geq 1/\geq 1$	

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f. 262001.A3.01 AC Dist – Swap Bus Duct Coolers	A, N, S	6
h. 261000.A4.06 SBGT – Shutdown SBGT	D, EN, S	9

In-Plant Systems:* 3 for RO, 3 for SRO-I, and 3 or 2 for SRO-U

i. 295031.A1.08 SBLC – Line-up SBLC Test Tank for Alternate Water Injection	D, E, EN, L, R	2
j. 212000.K4.03 RPS – Transfer RPS to the Reserve Power Supply	D	7
k. 201001.A2.06 CRD – Swap CRD Suction Filters	E, N, R	1

* 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	≤ 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	