Facility: Dresden Date of Examination: 08/06/2012

Exam Level: RO ☐ SRO-I ☒ SRO-U ☐ Operating Test Number: 11-1 (2012-301)

Control Room Systems@ (8 for RO); (7 for SRO-I); (2 or 3 for SRO-U, including 1 ESF)

System / JPM Title	Type Code*	Safety Function
a. SBLC - INJECTION WITH PUMP AND RWCU ISOLATION FAILURES (211000.A4.08)	A, P, S	1
b.		
c. MAIN STEAM - UNISOLATE ONE LINE USING ALTERNATE METHOD (239001.A4.01)	D, S	3
d. ISO COND - SHUTDOWN (207000.A4.05)	D, S	4
e. TORUS COOLING - LOWER WATER LEVEL (219000.A4.02)	D, L, S	5
f. EDG - PERFORM SURVEILLANCE TESTING, WITH SCRAM (264000.A4.05)	A, L, P, S	6
g. NI - IRM DETECTOR TEST, WITH FAILURE TO MEET ACCEPTANCE CRITERIA (215003.A4.06)	A, N, S	7
h. SBGT - START SBGT WITH A FAILURE OF REACTOR BLDG TO ISOLATE (261000.A2.13)	A, D, S	9
In-Plant Systems@ (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. CRD - CROSSTIE FOR ALTERNATE INJECTION (295031.A1.08)	D, E, R	2
j. ISO COND - MAKEUP PUMP LOCAL OPERATION WITH COOLING WATER FAILURE (207000.A2.05)	A, N	4
k. IA - CROSS CONNECT 3C IAC TO UNIT 2 ONLY (300000.G.2.1.30)	N, R	8

@ All RO and SRO-I control room (and in-plant) systems must be different and serve different safety functions; all 5 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 (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	