

Facility: Davis Besse
 Exam Level: RO SRO(I) SRO(U)

Date of Examination: 6/15/15 thru 6/26/15
 Operating Test No.: DB NRC 2015

Control Room Systems[@] (8 for RO); (7 for SRO-I); (2 or 3 for SRO-U)

System / JPM Title	Type Code*	Safety Function
S1 – (001) / Transfer Rods from the Auxiliary Power Supply (Alt Path - Undesired rod motion) (JPM New)	N, A, S	1
S2 – (004) / Recover from Letdown Isolation on High Temp (JPM 017)	D, S	2
S3 – (005) / Start Decay Heat Pump 1 following a loss of DHR (Alt Path – Cooler Outlet Valve Fails open) (JPM New)	N, A, S, L	4P
S4 – (055) / Actions for Steam Leak on Gland Steam Header (Alt Path – Trip Reactor) (JPM 020)	D, A, S, L	4S
S5 – (026) / Initiate Containment Spray (Alt Path – Spray header develops leak) (JPM New)	N, A, S, EN	5
S6 – (062) / Transfer Essential 4160Kv Bus C1 to Alternate (JPM 017)	D, S	6
S7 – (016) / Exchange RC Flow Inputs from RPS Ch1 to RPS Ch2 (JPM 048)	D, S	7
S8 – (029) / Purge Containment in Mode 5 (Alt Path – Supply fan fails to start) (JPM 162)	D, A, S, L	8

In-Plant Systems[@] (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)

P1 – (004) / Perform Att. 5 of Control Room Evacuation DB-OP-02508, CTRM Evacuation (JPM 048)	D, E, R	2
P2 – (064) / Restore EDG to supply 4160 Essential Bus DB-OP-02538, Loss of D2P and DBP (JPM 079)	D, E	6
P3 – (078) / Bypass and isolate the in service air dryers DB-OP-02528, IA Malfunctions (JPM 078)	D, E	8

@ All RO and SRO 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 / ≥ 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	