

Facility: Davis Besse Nuclear Power Station

Date of Examination: 2/3/2020 to 2/14/2020

Exam Level: RO  SRO(I)  SRO(U)

Operating Test No.: DB NRC 2020

Control Room Systems<sup>@</sup> (8 for RO); (7 for SRO-I); (2 or 3 for SRO-U)

System / JPM Title	Type Code*	Safety Function
S1 Boron equalize Purification Demineralizer 3, isolate letdown (JPM-314)	N, A	1
S2 Reset an SFAS Level 2 Actuation with RCS Pressure < 1650 psig (JPM-164)	D, EN, L	2
S3 Perform Attachment 15 of DB-OP-02511, Loss of Service Water (JPM-83)	D	4S
S4 Start DH Pump 1 following loss of DH (JPM-288)	D, A, L,	4P
S5 Initiate CTMT Spray (JPM-289)	D, A, EN, L	5
S6 Transfer Essential 4160 v Bus C1 to Alternate and respond to Annunciator 1-2-H, XFMR BD DNGR/TRBL) (JPM-315)	N, A	6
S7 Place ARTS in MFP Bypass and reset all four ARTS channels (JPM-234)	D	7

In-Plant Systems<sup>@</sup> (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)

P1 Perform the actions for a steam leak in the 235 psig Aux Steam Header IAW Att 6 of DB-OP-02525, Steam Leaks (JPM-92)	D, A, E	4S
P2 Align Service Water to CAC 1 IAW DB-OP-02501 Attachment 67 (JPM-317)	N, E, R	5
P3 Actuate the manual deluge system for the Exciter Bearings and Main Turbine Generator Bearing #8 (JPM-222)	D, E	8

<sup>@</sup> 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	