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Control Room/In-Plant Systems Outline

Form ES-301-2

Facility: <u>Davis Besse</u> Exam Level: RO □ SRO(I) □ SRO(U) ☒		Date of Examination: 6/20/16 thru 6/20/16 Operating Test No.: DB NRC 2016			
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		
<b>S1</b> – (001) / Swap CRD Booster Pumps (Alt Path – Loss of CRDM cooling flow)	(JPM New)	N, A, S	1		
S2 – (006) / Transfer LPI Suction to the Emergency S (Alt Path – Failure of Permit Interlock)	· , , , , , , , , , , , , , , , , , , ,	D, A, S, E, EN	2		
S7 – (012) / Deenergize Source Range NIs	(JPM 185)	D, S, L	7		
In-Plant Systems@ (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)					
P2 - (039) / Locally Operate Atmospheric Vent Valve	D, E, R	4s			
<b>P3 –</b> (064) / Energize Station Blackout Diesel Generator Auxiliaries (Alt Path – Cooling Fan Failure) (JPM 258)		D, A	6		
@ 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)Iternate 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	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)				
(R)CA (S)imulator	≥ 1	1/≥1/≥1			