

Facility: Davis-Besse

Date of Examination: 12/5 thru 12/15 2011

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

Operating Test No.: 2011 NRC Exam

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
S4. Perform a CNMT Pressure Reduction Release w/malfunctions JPM New (Sys 028) Mode 3	N, S, A	8
S5. Perform PRZR boron eq. w/ PRZR spray valve malfunction JPM New (Sys 010) Mode 2	N, S, A, L	3
S6. Establish long term boron dilution With LPI train 2 JPM 002 (Sys 006) Post LOCA	D, S, EN, E	2

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

P1. Place a HPI Train on alternate minimum recirc flowpath JPM 256 (Sys 006)	D, R, E, EN	2
P3. Reset the overspeed mechanism and trip throttle valve for AFPT JPM 075 (Sys 061)	D, E, EN	4S

@ 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 (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	

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System / JPM Title	Type Code*	Safety Function
S4. Perform a CNMT Pressure Reduction Release w/malfunctions JPM New (Sys 028) Mode 3	N, S, A	8
S5. Perform PRZR boron eq. w/ PRZR spray valve malfunction JPM New (Sys 010) Mode 2	N, S, A, L	3
S9. Start HPI pump upon loss of one decay heat removal pump JPM 187 (Sys 005) Mode 5	D, S A, L, EN	4P

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

P1. Place a HPI Train on alternate minimum recirc flowpath JPM 256 (Sys 006)	D, R, E, EN	2
P3. Reset the overspeed mechanism and trip throttle valve for AFPT JPM 075 (Sys 061)	D, E, EN	4S

@ 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.

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