

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

Date of Examination: 2/7/2022 to 2/18/2022
 Operating Test No.: DB1LOT22

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

System / JPM Title	Type Code*	Safety Function
S1 Emergency Borate the RCS (NEW)	N, A, E	1
S2 Transfer LPI suction to the Emergency Sump (JPM291)	D, A, EN, E, L	2
S3 Perform Boron equalization between Pressurizer and the Reactor Coolant System (JPM275)	D, A	3
S4 Trip Main Turbine IAW DB-OP-02015 15-2-E (NEW)	N, A, E	4S
S5 Add water to RCS from BWST (MOD JPM187)	M, E, L	4P
S6 Establish CTMT Closure IAW OP6904 Shutdown Ops (JPM219)	D, E, EN, L	5
S7 Failed NI, DB-OP-02505 Step 4.1.9 (NEW)	N, E	7
S8 Start CTMT purge IAW DB-OP-06503, Section 3.3 (JPM015)	D	8

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

P1 Deenergize the Control Rod Drive in accordance with Step 3.3 of DB-OP-02000, RPS, SFAS, SFRCS Trip or SG Tube Rupture (JPM042)	D, E	1
P2 Perform an emergency shutdown of EDG, IAW section 5.4 of DB-OP-06316, Diesel Generator Operating Procedure (JPM115)	D, A	6
P3 Place the HPI alt min recirc flow path in service per Att 14 of OP2000 (JPM226)	D, E, R	2

@ 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	

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

Date of Examination: 2/7/2022 to 2/18/2022
 Operating Test No.: DB1LOT22

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

System / JPM Title	Type Code*	Safety Function
S1 Emergency Borate the RCS (NEW)	N, A, E	1
S2 Transfer LPI suction to the Emergency Sump (JPM291)	D, A, EN, E, L	2
S3 Perform Boron equalization between Pressurizer and the Reactor Coolant System (JPM275)	D, A	3
S4 Trip Main Turbine IAW DB-OP-02015 15-2-E (NEW)	N, A, E	4S
S5 Add water to RCS from BWST (MOD JPM187)	M, E, L	4P
S6 Establish CTMT Closure IAW OP6904 Shutdown Ops (JPM219)	D, E, EN, L	5
S7 Failed NI, DB-OP-02505 Step 4.1.9 (NEW)	N	7
S8 Start CTMT purge IAW DB-OP-06503, Section 3.3 (JPM015)	D	8

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

P1 Deenergize the Control Rod Drive in accordance with Step 3.3 of DB-OP-02000, RPS, SFAS, SFRCS Trip or SG Tube Rupture (JPM042)	D, E	1
P2 Perform an emergency shutdown of EDG, IAW section 5.4 of DB-OP-06316, Diesel Generator Operating Procedure (JPM115)	D, A	6
P3 Place the HPI alt min recirc flow path in service per Att 14 of OP2000 (JPM226)	D, E, R	2

@ 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	

Facility: Davis-Besse Nuclear Power Station
 Exam Level: RO SRO(I) SRO(U)

Date of Examination: 2/7/2022 to 2/18/2022
 Operating Test No.: DB1LOT22

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

System / JPM Title	Type Code*	Safety Function
S1 Emergency Borate the RCS (NEW)	N, A, E	1
S2 Transfer LPI suction to the Emergency Sump (JPM291)	D, A, EN, E, L	2
S3 Perform Boron equalization between Pressurizer and the Reactor Coolant System (JPM275)	D, A	3
S4 Trip Main Turbine IAW DB-OP-02015 15-2-E (NEW)	N, A, E	4S
S5 Add water to RCS from BWST (MOD JPM187)	M, E, L	4P
S6 Establish CTMT Closure IAW OP6904 Shutdown Ops (JPM219)	D, E, EN, L	5
S7 Failed NI, DB-OP-02505 Step 4.1.9 (NEW)	N, E	7

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

P1 Deenergize the Control Rod Drive in accordance with Step 3.3 of DB-OP-02000, RPS, SFAS, SFRCS Trip or SG Tube Rupture (JPM042)	D, E	1
P2 Perform an emergency shutdown of EDG, IAW section 5.4 of DB-OP-06316, Diesel Generator Operating Procedure (JPM115)	D, A	6
P3 Place the HPI alt min recirc flow path in service per Att 14 of OP2000 (JPM226)	D, E, R	2

[@] 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	

Facility: Davis-Besse Nuclear Power Station
 Exam Level: RO SRO(I) SRO(U)

Date of Examination: 2/7/2022 to 2/18/2022
 Operating Test No.: DB1LOT22

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

System / JPM Title	Type Code*	Safety Function
S1 Emergency Borate the RCS (NEW)	N, A, E	1
S2 Transfer LPI suction to the Emergency Sump (JPM291)	D, A, EN, E, L	2
S3 Perform Boron equalization between Pressurizer and the Reactor Coolant System (JPM275)	D, A	3
S4 Trip Main Turbine IAW DB-OP-02015 15-2-E (NEW)	N, A, E	4S
S5 Add water to RCS from BWST (MOD JPM187)	M, E, L	4P
S6 Establish CTMT Closure IAW OP6904 Shutdown Ops (JPM219)	D, E, EN, L	5
S7 Failed NI, DB-OP-02505 Step 4.1.9 (NEW)	N	7

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

P1 Deenergize the Control Rod Drive in accordance with Step 3.3 of DB-OP-02000, RPS, SFAS, SFRCS Trip or SG Tube Rupture (JPM042)	D, E	1
P2 Perform an emergency shutdown of EDG, IAW section 5.4 of DB-OP-06316, Diesel Generator Operating Procedure (JPM115)	D, A	6
P3 Place the HPI alt min recirc flow path in service per Att 14 of OP2000 (JPM226)	D, E, R	2

[@] 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	

Facility: Davis-Besse Nuclear Power Station
 Exam Level: RO SRO(I) SRO(U)

Date of Examination: 2/7/2022 to 2/18/2022
 Operating Test No.: DB1LOT22

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

System / JPM Title	Type Code*	Safety Function
S4 Trip Main Turbine IAW DB-OP-02015 15-2-E (NEW)	N, A, E	4S
S6 Establish CTMT Closure IAW OP6904 Shutdown Ops (JPM219)	D, E, EN, L	5

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

P1 Deenergize the Control Rod Drive in accordance with Step 3.3 of DB-OP-02000, RPS, SFAS, SFRCS Trip or SG Tube Rupture (JPM042)	D, E	1
P2 Perform an emergency shutdown of EDG, IAW section 5.4 of DB-OP-06316, Diesel Generator Operating Procedure (JPM115)	D, A	6
P3 Place the HPI alt min recirc flow path in service per Att 14 of OP2000 (JPM226)	D, E, R	2

[@] 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	

Facility: Davis-Besse Nuclear Power Station
 Exam Level: RO SRO(I) SRO(U)

Date of Examination: 2/7/2022 to 2/18/2022
 Operating Test No.: DB1LOT22

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

System / JPM Title	Type Code*	Safety Function
S4 Trip Main Turbine IAW DB-OP-02015 15-2-E (NEW)	N, A, E	4S
S6 Establish CTMT Closure IAW OP6904 Shutdown Ops (JPM219)	D, E, EN, L	5

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

P1 Deenergize the Control Rod Drive in accordance with Step 3.3 of DB-OP-02000, RPS, SFAS, SFRCS Trip or SG Tube Rupture (JPM042)	D, E	1
P2 Perform an emergency shutdown of EDG, IAW section 5.4 of DB-OP-06316, Diesel Generator Operating Procedure (JPM115)	D, A	6
P3 Place the HPI alt min recirc flow path in service per Att 14 of OP2000 (JPM226)	D, E, R	2

[@] 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	