

Facility: <u>Fermi 2</u>	Date of Examination: <u>12/7-11/2020</u>	
Exam Level: RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	Operating Test Number: <u>2020-301</u>	
Control Room Systems:* 8 for RO, 7 for SRO-I, and 2 or 3 for SRO-U		
System/JPM Title	Type Code*	Safety Function*
a. Manually Initiate Low-Low Set (Alt Path) [K/A 239002 A4.01] 4.4 / 4.4 JP-OP-315-0043-406	M, A, S, L	3
b. Rapid Power Reduction (Alt Path) [K/A 202001 A4.01] 3.7 / 3.7 JP-OP-315-0104-007	D, A, S	1
c. Restore 480V ESF Bus 72B to Normal Power Source - Live Bus Transfer [K/A 262001 A4.01] 3.4 / 3.7 JP-OP-315-0058-003	D, S, EN, L	6
d. Perform RPS Manual Scram Functional Test [K/A 212000 A2.03] 3.3 / 3.5 JP-OP-315-0127-101	D, S	7
e. Vent the Drywell [K/A 295024 EA1.14] 3.4 / 3.5 JP-OP-802-3006-501	M, S	5
f. Startup SBFW System after RFP Trip [K/A 259001 A4.02] 3.9 / 3.7 JP-OP-315-0118-005	M, S	2
g. Depressurize the RPV using RCIC (Alt Path) [K/A 217000 A1.04] 3.6 / 3.6 JP-OP-315-0043-406	D, A, S	4
h. Respond to Refuel Floor High Radiation (Alt. Path) [K/A 272000 A2.12] 3.3 / 4.0 JP-OP-315-0150-401	D, A, S	9
In-Plant Systems:* 3 for RO, 3 for SRO-I, and 3 or 2 for SRO-U		
i. Vent the Scram Air Header [K/A 295015 AA1.01] 3.8 / 3.9 JP-OP-802-3006-309	D, E, R	1
j. Manually Initiate EDG CO2 (Alt Path) [K/A 286000 A2.08] 3.2 / 3.3 JP-OP-315-0272-401	D, A	8
k. Place Spare ESF Battery Charger in service [K/A 263000 K1.02] 3.2 / 3.3 JP-OP-315-0064-005	M, R	6
* All RO and SRO-I control room (and in-plant) systems must be different and serve different safety functions, all five SRO-U systems must serve different safety functions, and in-plant systems and functions may overlap those tested in the control room.		
* Type Codes	Criteria for R /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		

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a. Manually Initiate Low-Low Set (Alt Path) [K/A 239002 A4.01) 4.4 / 4.4 JP-OP-315-0043-406	M, A, S, L	3
b. Rapid Power Reduction (Alt Path) [K/A 202001 A4.01] 3.7 / 3.7 JP-OP-315-0104-007	D, A, S	1
c. Restore 480V ESF Bus 72B to Normal Power Source - Live Bus Transfer [K/A 262001 A4.01) 3.4 / 3.7 JP-OP-315-0058-003	D, S, EN, L	6
d. Perform RPS Manual Scram Functional Test [K/A 212000 A2.03] 3.3 / 3.5 JP-OP-315-0127-101	D, S	7
e. Vent the Drywell [K/A 295024 EA1.14) 3.4 / 3.5 JP-OP-802-3006-501	M, S	5
f. Startup SBFW System after RFP Trip [K/A 259001 A4.02) 3.9 / 3.7 JP-OP-315-0118-005	M, S	2
g. Depressurize the RPV using RCIC (Alt Path) [K/A 217000 A1.04) 3.6 / 3.6 JP-OP-315-0043-406	D, A, S	4
h. N/A	N/A	N/A
In-Plant Systems:* 3 for RO, 3 for SRO-I, and 3 or 2 for SRO-U		
i. Vent the Scram Air Header [K/A 295015 AA1.01] 3.8 / 3.9 JP-OP-802-3006-309	D, E, R	1
j. Manually Initiate EDG CO2 (Alt Path) [K/A 286000 A2.08) 3.2 / 3.3 JP-OP-315-0272-401	D, A	8
k. Place Spare ESF Battery Charger in service [K/A 263000 K1.02] 3.2 / 3.3 JP-OP-315-0064-401	M, R	6
* All RO and SRO-I control room (and in-plant) systems must be different and serve different safety functions, all five SRO-U systems must serve different safety functions, and in-plant systems and functions may overlap those tested in the control room.		
* Type Codes	Criteria for R /SRO-I/SRO-U	
(A)lternate 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 (R)CA (S)imulator	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) $\geq 1/\geq 1/\geq 1$	

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b. N/A	N/A	N/A
c. Restore 480V ESF Bus 72B to Normal Power Source - Live Bus Transfer [K/A 262001 A4.01] 3.4 / 3.7 JP-OP-315-0058-003	D, S, EN, L	6
d. N/A	N/A	N/A
e. Vent the Drywell [K/A 295024 EA1.14] 3.4 / 3.5 JP-OP-802-3006-501	M, S	5
f. N/A	N/A	N/A
g. N/A	N/A	N/A
h. N/A	N/A	N/A
In-Plant Systems:* 3 for RO, 3 for SRO-I, and 3 or 2 for SRO-U		
i. Vent the Scram Air Header [K/A 295015 AA1.01] 3.8 / 3.9 JP-OP-802-3006-309	D, E, R	1
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k. N/A	N/A	N/A
* All RO and SRO-I control room (and in-plant) systems must be different and serve different safety functions, all five SRO-U systems must serve different safety functions, and in-plant systems and functions may overlap those tested in the control room.		
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(A)lternate 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 (R)CA (S)imulator	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) $\geq 1/\geq 1/\geq 1$	