

Facility: Arkansas Nuclear One -2Date of Examination: 2/25/2008Exam Level: RO ☒ SRO-I ☐ SRO-U ☐Operating Test Number: 1Control 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
a. ANO-2-JPM-NRC-CVCS2 004 A4.07 RO 3.9/SRO 3.7 Perform Emergency Boration	A/D/L/S	1 Reactivity
b. ANO-2-JPM-NRC-EOP01 026 A2.03 RO 3.2 SRO 3.7 Secure Containment Spray System (inadvertent)	D/L/S (ESF)	5 Containment
c. ANO-2-JPM-NRC-CREV01 073 A3.01 RO- 2.9 SRO-3.1 Manually actuate control room ventilation	A/N/S (ESF)	7 Instrumentation
d. ANO-2-JPM-NRC-IA02 078 A3.01 RO 3.1 SRO 3.2 Perform actions required by low Instrument Air Header Pressure	M/S	8 Plant Service Systems
e. ANO-2-JPM-NRC-MTG05 045 K3.01 RO 2.9 SRO 3.2 Synchronize MTG to grid with failure of speed./load control results in excess steam demand	A/D/L/S	4 RCS Heat Removal
f. ANO-2-JPM-NRC-SIT01 006 A2.03 RO-3.3 SRO-3.7 High pressure fill of Safety Injection Tank	A/D/S	2 RCS Inventory
g. ANO-2-JPM-NRC-LTOP 010 K4.03 RO 3.8 SRO 4.1 Respond to Annunciator 2K10 C-4, Loop 1 Low temperature over pressure relief valve alignment incorrect	D/L/S/P	3 Reactor Pressure Control
h. ANO-2-JPM-NRC-ELEC001 062 A2.11 RO 3.7 SRO 4.1 Back feed a non-vital bus from a vital bus	D/S	6 Electrical

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

i. ANO-2-JPM-NRC-AACGLS 064 A3.06 RO 3.3 SRO 3.4 Local start of AAC diesel generator manually and locally	A/D/E/P	6 Electrical
j. ANO-2-JPM-NRC-FPEM1 033 A2.03 RO 3.1 SRO 3.5 Add Water from Loop I SW to SFP	D/R	8 Plant Service Systems
k. ANO-2-JPM-NRC-LOF01 CE E06 EA1.1 RO 4.0 SRO 3.9 Align Condensate pump for start during a loss of all Feed water event	D/L/E	4 RCS Heat Removal

[@] All RO and SRO-I 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
(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: <u>Arkansas Nuclear One -2</u>		Date of Examination: <u>2/25/2008</u>	
Exam Level: RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input checked="" type="checkbox"/>		Operating Test Number: <u>1</u>	
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	
a. ANO-2-JPM-NRC-CVCS2 004 A4.07 RO 3.9/SRO 3.7 Perform Emergency Boration	A/D/L/S	1 Reactivity	
b.			
c. ANO-2-JPM-NRC-CREV01 073 A3.01 RO- 2.9 SRO-3.1 Manually actuate control room ventilation	A/N/S (ESF)	7 Instrumentation	
d.			
e.			
f.			
g.			
h.			
In-Plant Systems® (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)			
i. ANO-2-JPM-NRC-AACGLS 064 A3.06 RO 3.3 SRO 3.4 Local start of AAC diesel generator manually and locally	A/D/E/P	6 Electrical	
j. ANO-2-JPM-NRC-FPEM1 033 A2.03 RO 3.1 SRO 3.5 Add Water from Loop I SW to SFP	D/R	8 Plant Service Systems	
k. ANO-2-JPM-NRC-LOF01 CE E06 EA1.1 RO 4.0 SRO 3.9 Align Condensate pump for start during a loss of all Feed water event	D/L/E	4 RCS Heat Removal	
@ All RO and SRO-I 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		
(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: <u>Arkansas Nuclear One -2</u>		Date of Examination: <u>2/25/2008</u>	
Exam Level: RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/>		Operating Test Number: <u>1</u>	
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	
a. ANO-2-JPM-NRC-CVCS2 004 A4.07 RO 3.9/SRO 3.7 Perform Emergency Boration	A/D/L/S	1 Reactivity	
b. ANO-2-JPM-NRC-EOP01 026 A2.03 RO 3.2 SRO 3.7 Secure Containment Spray System (inadvertent)	D/L/S (ESF)	5 Containment	
c. ANO-2-JPM-NRC-CREV01 073 A3.01 RO- 2.9 SRO-3.1 Manually actuate control room ventilation	A/N/S (ESF)	7 Instrumentation	
d. ANO-2-JPM-NRC-IA02 078 AA2.06 RO 3.1 SRO 3.2 Perform actions required by low Instrument Air Header Pressure	M/S	8 Plant Service Systems	
e. ANO-2-JPM-NRC-MTG05 045 K3.01 RO 2.9 SRO 3.2 Synchronize MTG to grid with failure of speed./load control results in excess steam demand	A/D/L/S	4 RCS Heat Removal	
f. ANO-2-JPM-NRC-SIT01 006 A2.03 RO-3.3 SRO-3.7 High pressure fill of Safety Injection Tank	A/D/S	2 RCS Inventory	
g. ANO-2-JPM-NRC-LTOP 010 K4.03 RO 3.8 SRO 4.1 Respond to Annunciator 2K10 C-4, Loop 1 Low temperature over pressure relief valve alignment incorrect	D/L/S/P	3 Reactor Pressure Control	
h. NA			
In-Plant Systems® (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)			
i. ANO-2-JPM-NRC-AACGLS 064 A3.06 RO 3.3 SRO 3.4 Local start of AAC diesel generator manually and locally	A/D/E/P	6 Electrical	
j. ANO-2-JPM-NRC-FPEM1 033 A2.03 RO 3.1 SRO 3.5 Add Water from Loop I SW to SFP	D/R	8 Plant Service Systems	
k. ANO-2-JPM-NRC-LOF01 CE E06 EA1.1 RO 4.0 SRO 3.9 Align Condensate pump for start during a loss of all Feed water event	D/L/E	4 RCS Heat Removal	
@ All RO and SRO-I 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		
(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			