

Facility: Quad Cities			Date of Exam: 6/01/2021			Operating Test No.: ILT 20-1												
A P P L I C A N T	E V E N T T Y P E	Scenarios (Blue Crew)													T O T A L	M I N I M U M (*)		
		1			4			5										
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION							
		S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P					
		R	I	U														
RO <input type="checkbox"/>	RX					5									1	1	1	0
SRO-I(5) <input checked="" type="checkbox"/>	NOR	1						1							2	1	1	1
SRO-U <input type="checkbox"/>	I/C	3,4,5 8				2,3		2,4,5 6,9 10							12	4	4	2
	MAJ	7				7		8							3	2	2	1
	TS	3,6						3,6							4	0	2	2
RO <input type="checkbox"/>	RX							7							1	1	1	0
SRO-I(6) <input checked="" type="checkbox"/>	NOR			1	1										2	1	1	1
SRO-U <input type="checkbox"/>	I/C			5,8,9	2,3,4 6			2,5,9 ,10							11	4	4	2
	MAJ			7	7			8							3	2	2	1
	TS				3,4										2	0	2	2
RO(5) <input checked="" type="checkbox"/>	RX		2												1	1	1	0
SRO-I <input type="checkbox"/>	NOR					1			1						2	1	1	1
SRO-U <input type="checkbox"/>	I/C		3,4			4,6		4,6,9 10							8	4	4	2
	MAJ		7			7		8							3	2	2	1
	TS															0	2	2
RO <input type="checkbox"/>	RX															1	1	0
SRO-I <input type="checkbox"/>	NOR															1	1	1
SRO-U <input type="checkbox"/>	I/C															4	4	2
	MAJ															2	2	1
	TS															0	2	2

Instructions:

1. Check the applicant level and enter the operating test number and Form ES-D-1 event numbers for each event type; TS are not applicable for RO applicants. ROs must serve in both the at-the-controls (ATC) and balance-of-plant (BOP) positions. Instant SROs (SRO-I) must serve in both the SRO and the ATC positions, including at least two instrument or component (I/C) malfunctions and one major transient, in the ATC position. If an SRO-I *additionally* serves in the BOP position, one I/C malfunction can be credited toward the two I/C malfunctions required for the ATC position.
2. Reactivity manipulations may be conducted under normal or *controlled* abnormal conditions (refer to Section D.5.d) but must be significant per Section C.2.a of Appendix D. (*) Reactivity and normal evolutions may be replaced with additional I/C malfunctions on a one-for-one basis.
3. Whenever practical, both instrument and component malfunctions should be included; only those that require verifiable actions that provide insight to the applicant's competence count toward the minimum requirements specified for the applicant's license level in the right-hand columns.
4. For new reactor facility licensees that use the ATC operator primarily for monitoring plant parameters, the chief examiner may place SRO-I applicants in either the ATC or BOP position to best evaluate the SRO-I in manipulating plant controls.

Facility: Quad Cities			Date of Exam: 6/01/2021			Operating Test No.: ILT 20-1												
A P P L I C A N T	E V E N T T Y P E	Scenarios (Green Crew)																
		1			2			3			4			T O T A L	M I N I M U M (*)			
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION							
		S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P					
															R	I	U	
RO <input type="checkbox"/>	RX												5		1	1	1	0
SRO-I(1) <input checked="" type="checkbox"/>	NOR	1						1							2	1	1	1
SRO-U <input type="checkbox"/>	I/C	3,4,5 8						3,4,5 6,8					2,3		11	4	4	2
	MAJ	7						7					7		3	2	2	1
	TS	3,6						4,5							4	0	2	2
RO(1) <input checked="" type="checkbox"/>	RX		2												1	1	1	0
SRO-I(6) <input checked="" type="checkbox"/>	NOR						1						1		2	1	1	1
SRO-U <input type="checkbox"/>	I/C		3,4				3,4						4,6		6	4	4	2
	MAJ		7				7						7		3	2	2	1
	TS															0	2	2
RO(2) <input checked="" type="checkbox"/>	RX					6									1	1	1	0
SRO-I <input checked="" type="checkbox"/>	NOR			1						1					2	1	1	1
SRO-U <input type="checkbox"/>	I/C			5,8,9		2,5				5,6,8					8	4	4	2
	MAJ			7		7				7					3	2	2	1
	TS															0	2	2
RO() <input type="checkbox"/>	RX								2						1	1	1	0
SRO-I(2) <input checked="" type="checkbox"/>	NOR				1							1			2	1	1	1
SRO-U <input checked="" type="checkbox"/>	I/C				2,3,4 5				3,4,8			2,3,4 6			11	4	4	2
	MAJ				7				7			7			3	2	2	1
	TS				4,5							3,4			4	0	2	2

Instructions:

- Check the applicant level and enter the operating test number and Form ES-D-1 event numbers for each event type; TS are not applicable for RO applicants. ROs must serve in both the at-the-controls (ATC) and balance-of-plant (BOP) positions. Instant SROs (SRO-I) must serve in both the SRO and the ATC positions, including at least two instrument or component (I/C) malfunctions and one major transient, in the ATC position. If an SRO-I *additionally* serves in the BOP position, one I/C malfunction can be credited toward the two I/C malfunctions required for the ATC position.
- Reactivity manipulations may be conducted under normal or *controlled* abnormal conditions (refer to Section D.5.d) but must be significant per Section C.2.a of Appendix D. (*) Reactivity and normal evolutions may be replaced with additional I/C malfunctions on a one-for-one basis.
- Whenever practical, both instrument and component malfunctions should be included; only those that require verifiable actions that provide insight to the applicant's competence count toward the minimum requirements specified for the applicant's license level in the right-hand columns.
- For new reactor facility licensees that use the ATC operator primarily for monitoring plant parameters, the chief examiner may place SRO-I applicants in either the ATC or BOP position to best evaluate the SRO-I in manipulating plant controls.

Facility: Quad Cities			Date of Exam: 6/01/2021			Operating Test No.: ILT 20-1												
A P P L I C A N T	E V E N T T Y P E	Scenarios (Purple Crew)													T O T A L	M I N I M U M (*)		
		2			3			5										
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION							
		S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P					
		R	I	U														
RO <input type="checkbox"/>	RX					2									1	1	1	0
SRO-I(7) <input checked="" type="checkbox"/>	NOR	1							1						2	1	1	1
SRO-U <input type="checkbox"/>	I/C	2,3,4 5				3,4, 8			2,4,5 6,9 10						13	4	4	2
	MAJ	7				7			8						3	2	2	1
	TS	4,5							3,6						4	0	2	2
RO <input type="checkbox"/>	RX								7						1	1	1	0
SRO-I(8) <input checked="" type="checkbox"/>	NOR			1	1										2	1	1	1
SRO-U <input type="checkbox"/>	I/C			3,4	3,4,5 6,8				2,5,9 ,10						11	4	4	2
	MAJ			7	7				8						3	2	2	1
	TS				4,5										2	0	2	2
RO(6) <input checked="" type="checkbox"/>	RX		6												1	1	1	0
SRO-I <input type="checkbox"/>	NOR						1				1				2	1	1	1
SRO-U <input type="checkbox"/>	I/C		2,5				5,6,8				4,6,9 10				9	4	4	2
	MAJ		7				7				8				3	2	2	1
	TS															0	2	2
RO <input type="checkbox"/>	RX															1	1	0
SRO-I <input type="checkbox"/>	NOR															1	1	1
SRO-U <input type="checkbox"/>	I/C															4	4	2
	MAJ															2	2	1
	TS															0	2	2

Instructions:

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Facility: Quad Cities			Date of Exam: 6/01/2021			Operating Test No.: ILT 20-1											
A P P L I C A N T	E V E N T T Y P E	Scenarios (Red Crew)															
		1			2			3			4			T O T A L	M I N I M U M (*)		
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION						
		S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P				
															R	I	U
RO <input type="checkbox"/>	RX					6								1	1	1	0
SRO-I(3) <input checked="" type="checkbox"/>	NOR	1										1		2	1	1	1
SRO-U <input type="checkbox"/>	I/C	3,4,5 8				2,5						2,3,4 6		10	4	4	2
	MAJ	7				7						7		3	2	2	1
	TS	3,6										3,4		4	0	2	2
RO <input type="checkbox"/>	RX											5		1	1	1	0
SRO-I(4) <input checked="" type="checkbox"/>	NOR				1			1						2	1	1	1
SRO-U <input type="checkbox"/>	I/C				2,3,4 5			2,3,4 6,8				2,3		11	4	4	2
	MAJ				7			7				7		3	2	2	1
	TS				4,5			3,4						4	0	2	2
RO(3) <input checked="" type="checkbox"/>	RX		2											1	1	1	0
SRO-I <input type="checkbox"/>	NOR						1			1				2	1	1	1
SRO-U <input type="checkbox"/>	I/C		3,4				3,4			5,6,8				7	4	4	2
	MAJ		7				7			7				3	2	2	1
	TS														0	2	2
RO(4) <input checked="" type="checkbox"/>	RX							5						1	1	1	0
SRO-I <input type="checkbox"/>	NOR			1								1		2	1	1	1
SRO-U <input type="checkbox"/>	I/C			5,8,9				2,3,8				4,6		8	4	4	2
	MAJ			7				7				7		3	2	2	1
	TS														0	2	2

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