

Facility: Byron		Date of Exam: 10/28/19				Operating Test No.: 2019-302											
A P P L I C A N T	E V E N T T Y P E	Scenarios (Crew A)												T O T A L	M I N I M U M(*)		
		1			2			3			4						
		C R E W P O S I T I O N			C R E W P O S I T I O N			C R E W P O S I T I O N			C R E W P O S I T I O N						
		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"/> SRO-I1 <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/>	RX	2			6		2									3	1
	NOR	1					1						2	1	1	1	
	I/C	3,4,5,6,8			2,3,4,8		3,4,5,7						13	4	4	2	
	MAJ	7			7		6						3	2	2	1	
	TS	3,5,6					4,5						5	0	2	2	
RO <input type="checkbox"/> SRO-I2 <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/>	RX		2		6					5			3	1	1	0	
	NOR				1					1			2	1	1	1	
	I/C		4,6		2,3,4,5,8					2,3,4,6,8,9			13	4	4	2	
	MAJ		7		7					7			3	2	2	1	
	TS				2,3,4					2,4			5	0	2	2	
RO-1 <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX						2						1	1	1	0	
	NOR			1								1	2	1	1	1	
	I/C			3,5,8			3,4					3,4,5,8,9	10	4	4	2	
	MAJ			7			6					7	3	2	2	1	
	TS												0	0	2	2	
RO-2 <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX									5			1	1	1	0	
	NOR				1			1					2	1	1	1	
	I/C				2,3,4,5			5,7		2,6			8	4	4	2	
	MAJ				7			6		7			3	2	2	1	
	TS												0	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.

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A P P L I C A N T	E V E N T T Y P E	Scenarios (Crew B)																
		1			2			3			CREW POSITION				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	S R O		A T C	B O P	R
RO <input type="checkbox"/> SRO-I3 <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/>	RX	2			6		2								3	1	1	0
	NOR	1					1								2	1	1	1
	I/C	3,4,5,6,8			2,3,4,8		3,4,5,7								13	4	4	2
	MAJ	7			7		6								3	2	2	1
	TS	3,5,6					4,5								5	0	2	2
RO <input type="checkbox"/> SRO-I4 <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/>	RX		2		6									2	1	1	0	
	NOR				1				1					2	1	1	1	
	I/C		4,6		2,3,4,5,8				5,7					9	4	4	2	
	MAJ		7		7				6					3	2	2	1	
	TS				2,3,4									3	0	2	2	
RO-3 <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX						2							1	1	1	0	
	NOR			1		1								2	1	1	1	
	I/C			3,5,8		2,3,4,5		3,4						9	4	4	2	
	MAJ			7		7		6						3	2	2	1	
	TS													0	0	2	2	
RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX														1	1	0	
	NOR														1	1	1	
	I/C														4	4	2	
	MAJ														2	2	1	
	TS														0	2	2	

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