

Facility: Dresden Generating Station			Date of Exam: 4/8/19			Operating Test No.: 2019-301											
A P P L I C A N T	E V E N T T Y P E	Scenarios												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			
SRO-I # 1 <input type="checkbox"/>	RX				2				2								2
	NOR				1									1	1	1	1
	I/C			2,3	3,4 5,6				1,4					8	4	4	2
	MAJ			4,5	7,8				6,7,8					7	2	2	1
	TS				3,4									2	0	2	2
SRO-I # 2 <input type="checkbox"/>	RX					2								1	1	1	0
	NOR											1		1	1	1	1
	I/C					3,6				3,5	2,3 4,5			8	4	4	2
	MAJ					7,8				6,7,8	6,7			7	2	2	1
	TS										2,4			2	0	2	2
SRO-I # 3 <input type="checkbox"/>	RX							2						1	1	1	0
	NOR													0	1	1	1
	I/C	1,2,3							1,3 4,5			2,4		9	4	4	2
	MAJ	4,5							6,7,8			6,7		7	2	2	1
	TS	2							3,5					3	0	2	2
SRO-I # 4 <input type="checkbox"/>	RX				2				2					2	1	1	0
	NOR				1									1	1	1	1
	I/C			2,3	3,4 5,6				1,4					8	4	4	2
	MAJ			4,5	7,8				6,7,8					7	2	2	1
	TS				3,4									2	0	2	2
SRO-I # 5 <input type="checkbox"/>	RX					2			2					2	1	1	0
	NOR													0	1	1	1
	I/C	1,2,3				3,6			1,3 4,5					9	4	4	2
	MAJ	4,5				7,8			6,7,8					7	2	2	1
	TS	2							3,5					3	0	2	2

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

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