

Facility: Dresden Date of NRC Developed Exam: 4-19-2021 Operating Test No.: 2021-301

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						
		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	RX												2		1	1	1
	NOR						2							1	1	1	1
	I/C						3, 5, 8					5, 7		5	4	4	2
	MAJ						7, 9					6, 8		4	2	2	1
	TS														0	2	2
RO#2	RX					1								1	1	1	0
	NOR								1				1	2	1	1	1
	I/C					4, 6			4, 5			3, 4		6	4	4	2
	MAJ					7, 9			6, 7			6, 8		6	2	2	1
	TS														0	2	2
RO#3	RX								2					1	1	1	0
	NOR						2						1	2	1	1	1
	I/C						3, 5, 8		3, 8			3, 4		7	4	4	2
	MAJ						7, 9		6, 7			6, 8		6	2	2	1
	TS														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.

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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									
		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	RX				1						2						2			3
	NOR				2									1			2	1	1	1
	I/C				3, 4, 5, 6, 8						3, 8			3, 4, 5, 7			11	4	4	2
	MAJ				7, 9						6, 7			6, 8			6	2	2	1
	TS				3, 4, 5									3, 5			5	0	2	2
SRO-I#2	RX				1						2				2		3	1	1	0
	NOR				2						1						2	1	1	1
	I/C				3, 4, 5, 6, 8						3, 4, 5, 8				5, 7		11	4	4	2
	MAJ				7, 9						6, 7				6, 8		6	2	2	1
	TS				3, 4, 5						3, 4						5	0	2	2
SRO-I#3	RX					1								2			2	1	1	0
	NOR													1	1		2	1	1	1
	I/C					4, 6								4, 5	3, 4, 5, 7		8	4	4	2
	MAJ					7, 9								6, 7	6, 8		6	2	2	1
	TS													3, 5			2	0	2	2

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