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Facility: Three Mile Island			Date of Exam: 6/10/2019									Operating Test No.: TMI2019						
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		4												1	1	1	0
<input checked="" type="checkbox"/>	NOR					1									0 1	1	1	1
SRO-I	I/C		2,3,6			4 ,3,5 7									5 6	4	4	2
<input type="checkbox"/>	MAJ		5			6									2	2	2	1
<input type="checkbox"/>	TS														0	0	2	2
RO - 2	RX				5										1	1	1	0
<input checked="" type="checkbox"/>	NOR														1 0	1	1	1
SRO-I	I/C			1,2, 4,6		2,4									4 6	4	4	2
<input type="checkbox"/>	MAJ			5		6									2	2	2	1
<input type="checkbox"/>	TS														0	0	2	2
RO - 3	RX		4												1	1	1	0
<input checked="" type="checkbox"/>	NOR					1			1						0 2	1	1	1
SRO-I	I/C		2,3,6			4 ,3,5 7			4,5, 8						8 9	4	4	2
<input type="checkbox"/>	MAJ		5			6			7						4 3	2	2	1
<input type="checkbox"/>	TS														0	0	2	2
RO - 4	RX				5										1	1	1	0
<input checked="" type="checkbox"/>	NOR								1						1	1	1	1
SRO-I	I/C			1,2, 4,6		2,4			4,5, 8						7 9	4	4	2
<input type="checkbox"/>	MAJ			5		6			7						3	2	2	1
<input type="checkbox"/>	TS														0	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
RO <input type="checkbox"/>	RX								1					1	1	1	0
SRO-I-1 <input type="checkbox"/>	NOR				1									2 1	1	1	1
<input checked="" type="checkbox"/>	I/C	1,2,3 4,6			2,3,4 5,7				3,6,8					7 13	4	4	2
SRO-U <input type="checkbox"/>	MAJ	5			6				7					3	2	2	1
	TS	1,3			3,4									4	0	2	2
RO <input type="checkbox"/>	RX								1					1	1	1	0
SRO-I-2 <input type="checkbox"/>	NOR	2,4			1									2 1	1	1	1
<input checked="" type="checkbox"/>	I/C	1,2,3 4,6,5			2,3,4 5,7				3,6,8					7 13	4	4	2
SRO-U <input type="checkbox"/>	MAJ	1,3 5			6				7					3	2	2	1
	TS	1,3			3,4									4	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
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

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