

Facility: PRAIRIE ISLAND		Date of Exam: AUGUST 2020		Operating Test No.: PI-ILT-NRC-20										
A P P L I C A N T	E V E N T  T Y P E	Scenarios - RO												
		EVAL #1			EVAL #2			EVAL #3			T O T A L	M I N I M U M (*)  R   I   U		
		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				
R1	RX		2								1	1	1	0
	NOR						1			1	2	1	1	1
	I/C		3,7				4,7,8			4,6,7	8	4	4	2
	MAJ		6				6			5	3	2	2	1
	TS										0	0	2	2
R2	RX								3		1	1	1	0
	NOR			1			1				2	1	1	1
	I/C			4,8			4,7,8		2,4		7	4	4	2
	MAJ			6			6		5		3	2	2	1
	TS										0	0	2	2
R3	RX		2								1	1	1	0
	NOR						1			1	2	1	1	1
	I/C		3,7				4,7,8			4,6,7	8	4	4	2
	MAJ		6				6			5	3	2	2	1
	TS										0	0	2	2
R4	RX					5					1	1	1	0
	NOR			1						1	2	1	1	1
	I/C			4,8		2,9				4,6,7	7	4	4	2
	MAJ			6		6				5	3	2	2	1
	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 instrument or component 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 – SRO-I													
		EVAL #1			EVAL #2			EVAL #3			T O T A L	M I N I M U M (*)  R   I   U			
		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					
I1	RX					5						1	1	1	0
	NOR	2							3			2	1	1	1
	I/C	7,8					2,9		6,7			6	4	4	2
	MAJ	6					6		5			3	2	2	1
	TS	4,5							2,4			4	0	2	2
I2	RX					5						1	1	1	0
	NOR	2							3			2	1	1	1
	I/C	7,8					2,9		6,7			6	4	4	2
	MAJ	6					6		5			3	2	2	1
	TS	4,5							2,4			4	0	2	2
I3	RX								3			1	1	1	0
	NOR	2				5						2	1	1	1
	I/C	7,8				8,9			2,4			6	4	4	2
	MAJ	6				6			5			3	2	2	1
	TS	4,5				2,3						4	0	2	2
I4	RX		2									1	1	1	0
	NOR					5			3			2	1	1	1
	I/C		3,7			8,9			6,7			6	4	4	2
	MAJ		6			6			5			3	2	2	1
	TS					2,3			2,4			4	0	2	2
I5	RX								3			1	1	1	0
	NOR			1		5						2	1	1	1
	I/C			4,8		8,9			2,4			6	4	4	2
	MAJ			6		6			5			3	2	2	1
	TS					2,3						2	0	2	2

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