

### Form 3.4-1 Events and Evolutions Checklist

Facility: PRAIRIE ISLAND		Date of Exam: AUGUST 2022		Operating Test No.: PI-ILT-NRC-22													
A P P L I C A N T	E V E N T	Scenarios - RO												T O T A L	M I N I M U M*		
		1			2			3			4						
		POSITION			POSITION			POSITION			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		RO	I	U
RO 1	RX		2										1	1	1	0	
	NOR								1				1	1	1	1	
	I/C							3,4,6,7					4	4	4	2	
	MAJ		6					5					2	2	2	1	
	Man. Ctrl							6					1	1	1	0	
	TS												0	0	2	2	
RO 2	RX							2					1	1	1	0	
	NOR			1									1	1	1	1	
	I/C			3,4,5,7,8				3,4,8					8	4	4	2	
	MAJ			6				5					2	2	2	1	
	Man. Ctrl			7,8				8					3	1	1	0	
	TS												0	0	2	2	
RO 3	RX		2										1	1	1	0	
	NOR							1					1	1	1	1	
	I/C							3,4,6,7					4	4	4	2	
	MAJ		6					5					2	2	2	1	
	Man. Ctrl							6					1	1	1	0	
	TS												0	0	2	2	
RO 4	RX							2					1	1	1	0	
	NOR			1									1	1	1	1	
	I/C			3,4,5,7,8				3,4,8					8	4	4	2	
	MAJ			6				5					2	2	2	1	
	Man. Ctrl			7,8				8					3	1	1	0	
	TS												0	0	2	2	
RO 5	RX					2							1	1	1	0	
	NOR					1							1	1	1	1	
	I/C					5					2,3,4,7		5	4	4	2	
	MAJ					6							5	2	2	1	
	Man. Ctrl					2							7	2	1	0	
	TS												0	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 - SRO															T O T A L	M I N I M U M*				
		1			2			3			4											
		POSITION			POSITION			POSITION			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									
												RO	I	U								
SRO-I 1	RX						5							1	1	1	0					
	NOR	2						2						2	1	1	1					
	I/C	5,7,8					2,3,7,8	6,7						9	4	4	2					
	MAJ	6					6	5						3	2	2	1					
	Man. Ctrl						7							1	1	1	0					
	TS	3,4						3,4						4	0	2	2					
SRO-I 2	RX											1		1	1	1	0					
	NOR	2						2						2	1	1	1					
	I/C	5,7,8						6,7				2,6		7	4	4	2					
	MAJ	6						5				5		3	2	2	1					
	Man. Ctrl											2,6		2	1	1	0					
	TS	3,4						3,4						4	0	2	2					
	RX														1	1	0					
	NOR														1	1	1					
	I/C														4	4	2					
	MAJ														2	2	1					
	Man. Ctrl														1	1	0					
	TS														0	2	2					
	RX														1	1	0					
	NOR														1	1	1					
	I/C														4	4	2					
	MAJ														2	2	1					
	Man. Ctrl														1	1	0					
	TS														0	2	2					
	RX														1	1	0					
	NOR														1	1	1					
	I/C														4	4	2					
	MAJ														2	2	1					
	Man. Ctrl														1	1	0					
	TS														0	2	2					

*Form 3.4-1 Instructions for the Events and Evolutions Checklist*

1. Mark the applicant license level for each simulator operating test number.
2. For the set of scenario columns, fill in the associated event number from Form 3.3-1, "Scenario Outline," to show the specific event types being used for the applicant while in the assigned crew position for that scenario.

\* Minimums are subject to the instructions in Section C.2, "License Level Criteria."

KEY: RX = Reactivity Manipulation; NOR = Normal Evolution; I/C = Instrument/Component Failure; MAJ = Major Transient; Man. Ctrl = Manual Control of Automatic Function; TS = Technical Specification Evaluation; RO = Reactor Operator; SRO-I or I = Instant Senior Reactor Operator; SRO-U or U = Upgrade Senior Reactor Operator; SRO = Senior Reactor Operator; ATC = At the Controls; and BOP = Balance of Plan

**Form 3.4-1 Events and Evolutions Checklist Rev. 2**

Facility: **PRAIRIE ISLAND** Date of Exam: **AUGUST 2022** Operating Test No.: **PI-ILT-NRC-2201S, 2202S, 2205S, 2204S (spare)**

		Scenarios - RO															
A P P L I C A N T	E V E N T  T Y P E	1			2			5			4 SPARE			T O T A L	M I N I M U M*		
		POSITION			POSITION			POSITION			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		RO	I	U
		RO 1	RX		2											2	1
NOR													1	1	1	1	
I/C													4	4	4	2	
MAJ			6										2	2	2	1	
Man. Ctrl													1	1	1	0	
TS														0	2	2	
RO 2	RX					2							1	1	1	0	
	NOR			1		5							2	1	1	1	
	I/C			3,4,5,7,8									5	4	4	2	
	MAJ			6		6							2	2	2	1	
	Man. Ctrl			7,8		2							3	1	1	0	
	TS													0	2	2	
RO 3	RX					2							1	1	1	0	
	NOR					5				1			2	1	1	1	
	I/C									4,5,7,8			4	4	4	2	
	MAJ					6				6			2	2	2	1	
	Man. Ctrl					2				8			2	1	1	0	
	TS													0	2	2	
RO 4	RX					5				2			2	1	1	0	
	NOR					1							1(2)	1	1	1	
	I/C									4			5	4	4	2	
	MAJ					6				6			2	2	2	1	
	Man. Ctrl					7				4			2(3)	1	1	0	
	TS													0	2	2	
RO 5	RX		2										1	1	1	0	
	NOR									1			1	1	1	1	
	I/C									4,5,7,8			4	4	4	2	
	MAJ		6							6			2	2	2	1	
	Man. Ctrl									8			1	1	1	0	
	TS												0	0	2	2	

**Form 3.4-1 Events and Evolutions Checklist Rev. 2**

Facility: **PRAIRIE ISLAND** Date of Exam: **AUGUST 2022** Operating Test No.: **PI-ILT-NRC-2201S, 2202S, 2205S, 2204S (spare)**

A P P L I C A N T	E V E N T  T Y P E	Scenarios -SRO-I													M I N I M U M*		
		1			2			5			4			T O T A L			
		POSITION			POSITION			POSITION			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				
													RO	I	U		
SRO 1	RX							2				2		1	1	1	0
	NOR	2										3		1	1	1	1
	I/C	3,4,5,7,8			2,3,5,7,8			4				7		11	4	4	2
	MAJ	6			6			6				6		3	2	2	1
	Man. Ctrl							4				3,7		1	1	1	0
	TS	3,4			2,3									4	0	2	2
SRO 2	RX													0	1	1	0
	NOR						2					2		1	1	1	1
	I/C			3,4,5,7,8	2,3,5,7,8		4,5,7,8					3,4,5,7,8		14	4	4	2
	MAJ			6	6		6					6		3	2	2	1
	Man. Ctrl			7,8										2	1	1	0
	TS				2,3		3,4					3,5		4	0	2	2
	RX														1	1	0
	NOR														1	1	1
	I/C														4	4	2
	MAJ														2	2	1
	Man. Ctrl														1	1	0
	TS														0	2	2
	RX														1	1	0
	NOR														1	1	1
	I/C														4	4	2
	MAJ														2	2	1
	Man. Ctrl														1	1	0
	TS														0	2	2
	RX														1	1	0
	NOR														1	1	1
	I/C														4	4	2
	MAJ														2	2	1
	Man. Ctrl														1	1	0
	TS														0	2	2