Facility: F	PRAIRIE ISLAND Date of Exam: SEPTEMBER 2018 Operating Test No.: PI-ILT-NRC-18 Scenarios – Group 1															18	
Α	Е						Sce	narios	s – Gr	oup 1							
P P	V E	E	EVAL #1			EVAL #2 EVAL #								T M			
L	N	CREW			CREW				CREW			CREV		O T	N		
I	Т		SITIO	NC	POSITION			POSITION			POSITION				I M		
C A	Т	S R	A T	B O	S R	A T	B O	S R	A T	В	S R	A T	В	L	ı	U M(*)	
N	Υ	Ö	ċ	P	Ö	Ċ	P	Ö	ċ	P	Ö	Ċ	P		R I	VI()	U
Т	P E															'	
	RX		1											1	1	1	0
	NOR						1							1	1	1	1
R1	I/C		3				4,6,7							4	4	4	2
	MAJ		5				5							2	2	2	1
	TS													0	0	2	2
	RX													0	1	1	0
	NOR			2	2									2	1	1	1
U1	I/C			4,6,7	3,4									5	4	4	2
	MAJ			5	5									2	2	2	1
	TS				3,4	_								2	0	2	2
	RX					2								1	1	1	0
I1	NOR I/C	1 3,4				3,8								4	4	4	2
11	MAJ	5				5								2	2	2	1
	TS	3,4												2	0	2	2
	RX	3, 1												_	1	1	0
	NOR														1	1	1
	I/C														4	4	2
	MAJ														2	2	1
	TS														0	2	2

- 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 instrument or component 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.
- 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.

Facility: I	PRAIRIE ISLAND Date of Exam: SEPTEMBER 2018 Operating Test No.: PI-ILT-NRC-18 Scenarios – Group 2														8		
Α	Е						Sce	narios	s – Gr	oup 2							
Р	V E	E,	VAL #	‡ 1	EVAL #2 EVAL #					#				Т	1	М	
P L I	N T	CREW POSITION			CREW POSITION			CREW POSITION				CREV	O T A		I N I M		
C A N	T	S A B R T O C P		S A B R T O O C P		S R O	A B T O P		S A B R T O C P		Ō	L	1	U M(*)			
Т	P E														R	I	U
	RX		1											1	1	1	0
	NOR						1							1	1	1	1
R2	I/C		3				4,6,7							4	4	4	2
	MAJ		5				5							2	2	2	1
	TS													0	0	2	2
	RX													0	1	1	0
	NOR			2	2									2	1	1	1
U2	I/C			4,6,7	3,4									5	4	4	2
	MAJ			5	5									2	2	2	1
	TS				3,4									2	0	2	2
	RX					2								1	1	1	0
	NOR	1												1	1	1	1
12	I/C	3,4				3,8								4	4	4	2
	MAJ	5				5								2	2	2	1
	TS	3,4												2	0	2	2

- 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.
- 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.
- 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.

Facility: F	PRAIRIE I	SLANI)	Dat	e of Ex	am: SI	EPTEM	BER 2	018	Ol	perati	ng Tes	st No.:	PI-IL	T-N	RC-1	18
Α	Е						Sce	narios	s – Gr	oup 3							
P P	V E	E	VAL #	‡ 1	EVAL #2			E	VAL :	#				Т	M		
L	N T	CREW POSITION			CREW POSITION			CREW POSITION				CREV		O T A		I N I M	
C A N	T Y	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	L	U M(
Ť	P E														R	I	U
	RX		1											1	1	1	0
	NOR						1							1	1	1	1
R3	I/C		3				4,6,7							4	4	4	2
	MAJ		5				5							2	2	2	1
	TS													0	0	2	2
	RX													0	1	1	0
	NOR			2	2									2	1	1	1
U3	I/C			4,6,7	3,4									5	4	4	2
	MAJ			5	5									2	2	2	1
	TS				3,4									2	0	2	2
	RX					2								1	1	1	0
	NOR	1												1	1	1	1
13	I/C	3,4				3,8								4	4	4	2
	MAJ	5				5								2	2	2	1
	TS	3,4												2	0	2	2

- 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.
- 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.
- 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.

Facility: F	PRAIRIE	ISLAND)	Dat	e of Ex	am: SE	PTEM	BER 2	018	O	perati	ng Te	st No.:	PI-IL	T-NI	RC-1	8
Α	Е						Sce	narios	s – Gr	oup 4							
P P	V E	E,	VAL #	‡ 3	EVAL #4			EVAL#						Т	M		
L	N T	CREW POSITION			CREW POSITION			CREW POSITION				CREV		O T A	1	I N I M	
C A N	T Y	S R O	A B T O C P		S A B R T O C P		S R O	R T O		S A R T O C		B O P	L	U M(*)			
T	P E														R	I	U
	RX					4								1	1	1	0
	NOR			1										1	1	1	1
R4	I/C			4,7,8		2,3,7								6	4	4	2
	MAJ			6		5								2	2	2	1
	TS													0	0	2	2
	RX													0	1	1	0
	NOR	3					1							2	1	1	1
U4	I/C	2,4,5					6							4	4	4	2
	MAJ	6					5							2	2	2	1
	TS	2,5												2	0	2	2
	RX		3											1	1	1	0
	NOR				4									1	1	1	1
14	I/C		2,5		2,3									4	4	4	2
	MAJ		6		5									2	2	2	1
	TS				2,3									2	0	2	2

- 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.
- 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.
- 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.

Facility: F	PRAIRIE	ISLANE)	Dat	e of Ex	am: SE	PTEM	BER 2	018	0	perati	ng Tes	st No.:	PI-IL	T-N	RC-1	18
Α	Е						Sce	narios	s – Gr	oup 5							
P P	V E	E'	EVAL #3			VAL#	4	E	VAL :	#				Т	М		
L	N T	CREW POSITION			CREW POSITION I				CREW			CREV		O T A		I N I M	
C A N	T Y	S A B R T O C P		S R O	A T C	B O P	S A B R T O O C P		S R O	A T C	B O P	L	U M(*)				
T	P E														R	I	U
	RX					4								1	1	1	0
	NOR	3												1	1	1	1
15	I/C	2,4,5				2,3,7								6	4	4	2
	MAJ	6				5								2	2	2	1
	TS	2,5												2	0	2	2
	RX		3											1	1	1	0
	NOR				4									1	1	1	1
16	I/C		2,5		2,3									4	4	4	2
	MAJ		6		5									2	2	2	1
	TS				2,3									2	0	2	2
	RX														1	1	0
	NOR														1	1	1
SUR	I/C														4	4	2
	MAJ														2	2	1
	TS														0	2	2

- 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.
- 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.
- 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.

Facility: F	PRAIRIE ISLAND Date of Exam: SEPTEMBER 2018 Operating Test No.: PI-ILT-NRC-18 Scenarios – Group 6														8		
Α	Е						Sce	narios	s – Gr	oup 6							
P P	V E	E'	VAL #	‡ 3	EVAL #4 E			Е	VAL :	#				Т	М		
L I	N T	CREW POSITION			CREW POSITION				CREW POSITION			CREV		O T A	1	I N I M	
C A N	T Y	S A B R T O O C P		S A B R T O O C P		S R O	A T C	ТО		S A B R T C O C P		L	1	уі J M(*)	1		
T	P E														R	I	U
	RX					4								1	1	1	0
	NOR	3												1	1	1	1
17	I/C	2,4,5				2,3,7								6	4	4	2
	MAJ	6				5								2	2	2	1
	TS	2,5												2	0	2	2
	RX		3											1	1	1	0
	NOR				4									1	1	1	1
18	I/C		2,5		2,3									4	4	4	2
	MAJ		6		5									2	2	2	1
	TS				2,3									2	0	2	2
	RX														1	1	0
	NOR														1	1	1
SUR	I/C														4	4	2
	MAJ														2	2	1
	TS														0	2	2

- 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.
- 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.
- 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.