

Facility: Clinton Power Station			Date of Exam: 9/09/19			Operating Test No.: 2019-301											
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 (S-1)			2 (S-2)			3 (S-3)			4						
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION						
		S R O I1	A T C	B O P	S R O I1	A T C	B O P	S R O I1	A T C I1	B O P	S R O	A T C	B O P				
													R	I	U		
RO <input type="checkbox"/>	RX	1			2			7					3	1	1	0	
SRO-I <input type="checkbox"/>	NOR	4			1								2	1	1	1	
<input checked="" type="checkbox"/> SRO-U	I/C	2,3,6,7			3,4,5,7			2,6					10	4	4	2	
<input type="checkbox"/>	MAJ	8			8			8					3	2	2	1	
I1	TS	5,6			3,6								4	0	2	2	
RO <input type="checkbox"/>	RX													1	1	0	
<input type="checkbox"/> SRO-I	NOR													1	1	1	
<input type="checkbox"/> SRO-U	I/C													4	4	2	
<input type="checkbox"/>	MAJ													2	2	1	
<input type="checkbox"/>	TS													0	2	2	
RO <input type="checkbox"/>	RX													1	1	0	
<input type="checkbox"/> SRO-I	NOR													1	1	1	
<input type="checkbox"/> SRO-U	I/C													4	4	2	
<input type="checkbox"/>	MAJ													2	2	1	
<input type="checkbox"/>	TS													0	2	2	
RO <input type="checkbox"/>	RX													1	1	0	
<input type="checkbox"/> SRO-I	NOR													1	1	1	
<input type="checkbox"/> SRO-U	I/C													4	4	2	
<input type="checkbox"/>	MAJ													2	2	1	
<input type="checkbox"/>	TS													0	2	2	

Instructions:

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		1 (S-1)			2 (S-2)			3 (S-3)			4						
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION						
		S R O I2	A T C	B O P	S R O I2	A T C	B O P	S R O I2	A T C I2	B O P	S R O	A T C	B O P				
													R	I	U		
RO <input type="checkbox"/>	RX	1			2			7					3	1	1	0	
SRO-I <input type="checkbox"/>	NOR	4			1								2	1	1	1	
SRO-U <input checked="" type="checkbox"/>	I/C	2,3,6,7			3,4,5,7			2,6					10	4	4	2	
<input type="checkbox"/>	MAJ	8			8			8					3	2	2	1	
I2	TS	5,6			3,6								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	
<input type="checkbox"/>	MAJ													2	2	1	
<input type="checkbox"/>	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	
<input type="checkbox"/>	MAJ													2	2	1	
<input type="checkbox"/>	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	
<input type="checkbox"/>	MAJ													2	2	1	
<input type="checkbox"/>	TS													0	2	2	

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		1 (S-1)			2 (S-2)			3 (S-3)			4						
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION						
		S R O I3	A T C	B O P	S R O	A T C I3	B O P	S R O I3	A T C	B O P	S R O	A T C	B O P		R	I	U
RO <input type="checkbox"/>	RX	1				2			7					3	1	1	0
SRO-I <input type="checkbox"/>	NOR	4							1					2	1	1	1
<input checked="" type="checkbox"/> SRO-U	I/C	2,3,6,7				3,5			2,3,5,6					10	4	4	2
<input type="checkbox"/>	MAJ	8				8			8					3	2	2	1
I3	TS	5,6							1,3,4					5	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
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	MAJ														2	2	1
	TS														0	2	2

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		1 (S-1)			2 (S-2)			3 (S-3)			4							
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION							
		S R O	A T C I4	B O P	S R O I4	A T C	B O P	S R O I4	A T C	B O P	S R O	A T C	B O P	R		I	U	
RO <input type="checkbox"/>	RX		1		2			7						3	1	1	0	
SRO-I <input type="checkbox"/>	NOR				1			1						2	1	1	1	
<input checked="" type="checkbox"/> SRO-U	I/C		2,3		3,4,5,7			2,3,5,6						10	4	4	2	
<input type="checkbox"/>	MAJ		8		8			8						3	2	2	1	
I4	TS				3,6			1,3,4						5	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	
<input type="checkbox"/>	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	
<input type="checkbox"/>	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	
<input type="checkbox"/>	MAJ														2	2	1	
	TS														0	2	2	

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		1 (S-1)			2 (S-2)			3 (S-3)			4						
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION						
		S R O	A T C R1	B O P	S R O	A T C	B O P R1	S R O	A T C	B O P R1	S R O	A T C	B O P				
RO	RX		1										1	1	1	0	
<input checked="" type="checkbox"/> SRO-I	NOR					1			1				2	1	1	1	
<input type="checkbox"/> SRO-U	I/C		2,3			4,7			3,5				6	4	4	2	
<input type="checkbox"/> R1	MAJ		8			8			8				3	2	2	1	
	TS												0	0	2	2	
RO	RX													1	1	0	
<input type="checkbox"/> SRO-I	NOR													1	1	1	
<input type="checkbox"/> SRO-U	I/C													4	4	2	
<input type="checkbox"/>	MAJ													2	2	1	
	TS													0	2	2	
RO	RX													1	1	0	
<input type="checkbox"/> SRO-I	NOR													1	1	1	
<input type="checkbox"/> SRO-U	I/C													4	4	2	
<input type="checkbox"/>	MAJ													2	2	1	
	TS													0	2	2	
RO	RX													1	1	0	
<input type="checkbox"/> SRO-I	NOR													1	1	1	
<input type="checkbox"/> SRO-U	I/C													4	4	2	
<input type="checkbox"/>	MAJ													2	2	1	
	TS													0	2	2	

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		1 (S-1)			2 (S-2)			3 (S-3)			4						
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION						
		S R O	A T C	B O P R2	S R O	A T C R2	B O P	S R O	A T C	B O P R2	S R O	A T C	B O P				
															R	I	U
RO	RX					2								1	1	1	0
<input checked="" type="checkbox"/> SRO-I	NOR			4						1				2	1	1	1
<input type="checkbox"/> SRO-U	I/C			6,7		3,5				3,5				6	4	4	2
<input type="checkbox"/> R2	MAJ			8		8				8				3	2	2	1
	TS													0	0	2	2
RO	RX														1	1	0
<input type="checkbox"/> SRO-I	NOR														1	1	1
<input type="checkbox"/> SRO-U	I/C														4	4	2
<input type="checkbox"/>	MAJ														2	2	1
	TS														0	2	2
RO	RX														1	1	0
<input type="checkbox"/> SRO-I	NOR														1	1	1
<input type="checkbox"/> SRO-U	I/C														4	4	2
<input type="checkbox"/>	MAJ														2	2	1
	TS														0	2	2
RO	RX														1	1	0
<input type="checkbox"/> SRO-I	NOR														1	1	1
<input type="checkbox"/> SRO-U	I/C														4	4	2
<input type="checkbox"/>	MAJ														2	2	1
	TS														0	2	2

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		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION						
		S R O	A T C R3	B O P	S R O	A T C	B O P R3	S R O	A T C	B O P	S R O	A T C	B O P				
															R	I	U
RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX		1											1	1	1	0
	NOR					1								1	1	1	1
	I/C		2,3			4,7								4	4	4	2
	MAJ		8			8								2	2	2	1
R3	TS													0	0	2	2
RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX														1	1	0
	NOR														1	1	1
	I/C														4	4	2
	MAJ														2	2	1
	TS														0	2	2
RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX														1	1	0
	NOR														1	1	1
	I/C														4	4	2
	MAJ														2	2	1
	TS														0	2	2
RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX														1	1	0
	NOR														1	1	1
	I/C														4	4	2
	MAJ														2	2	1
	TS														0	2	2

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		S R O	A T C	B O P R4	S R O	A T C R4	B O P	S R O	A T C	B O P R4	S R O	A T C	B O P				
RO	RX					2								1	1	1	0
<input checked="" type="checkbox"/> SRO-I	NOR			4						1				2	1	1	1
<input type="checkbox"/> SRO-U	I/C			6,7		3,5				3,5				6	4	4	2
<input type="checkbox"/> R4	MAJ			8		8				8				3	2	2	1
	TS													0	0	2	2
RO	RX														1	1	0
<input type="checkbox"/> SRO-I	NOR														1	1	1
<input type="checkbox"/> SRO-U	I/C														4	4	2
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	TS														0	2	2
RO	RX														1	1	0
<input type="checkbox"/> SRO-I	NOR														1	1	1
<input type="checkbox"/> SRO-U	I/C														4	4	2
<input type="checkbox"/>	MAJ														2	2	1
	TS														0	2	2
RO	RX														1	1	0
<input type="checkbox"/> SRO-I	NOR														1	1	1
<input type="checkbox"/> SRO-U	I/C														4	4	2
<input type="checkbox"/>	MAJ														2	2	1
	TS														0	2	2

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		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION						
		S R O	A T C	B O P R5	S R O	A T C	B O P R5	S R O	A T C R5	B O P	S R O	A T C	B O P				
															R	I	U
RO	RX							7						1	1	1	0
<input checked="" type="checkbox"/> SRO-I	NOR			4			1							2	1	1	1
<input type="checkbox"/> SRO-U	I/C			6,7			4,7		2,6					6	4	4	2
<input type="checkbox"/> R5	MAJ			8			8		8					3	2	2	1
	TS													0	0	2	2
RO	RX														1	1	0
<input type="checkbox"/> SRO-I	NOR														1	1	1
<input type="checkbox"/> SRO-U	I/C														4	4	2
<input type="checkbox"/>	MAJ														2	2	1
	TS														0	2	2
RO	RX														1	1	0
<input type="checkbox"/> SRO-I	NOR														1	1	1
<input type="checkbox"/> SRO-U	I/C														4	4	2
<input type="checkbox"/>	MAJ														2	2	1
	TS														0	2	2
RO	RX														1	1	0
<input type="checkbox"/> SRO-I	NOR														1	1	1
<input type="checkbox"/> SRO-U	I/C														4	4	2
<input type="checkbox"/>	MAJ														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.

Facility: Clinton Power Station			Date of Exam: 9/09/19			Operating Test No.: 2019-301											
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 (S-1)			2 (S-2)			3 (S-3)			4						
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION						
		S R O I1	A T C	B O P	S R O	A T C I1	B O P	S R O I1	A T C	B O P	S R O	A T C	B O P				
RO <input type="checkbox"/>	RX	1				2			7					3	1	1	0
SRO-I <input type="checkbox"/>	NOR	4							1					2	1	1	1
<input checked="" type="checkbox"/> SRO-U	I/C	2,3,6,7				4,6			2,3,5,6					10	4	4	2
<input type="checkbox"/>	MAJ	8				8			8					3	2	2	1
I1	TS	5,6							1,3,4					5	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
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	MAJ														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.

Facility: Clinton Power Station			Date of Exam: 9/09/19			Operating Test No.: 2019-301											
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 (S-1)			2 (S-2)			3 (S-3)			4						
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION						
		S R O I2	A T C	B O P	S R O	A T C I2	B O P	S R O I2	A T C	B O P	S R O	A T C	B O P		R	I	U
RO <input type="checkbox"/>	RX	1				2			7					3	1	1	0
SRO-I <input type="checkbox"/>	NOR	4							1					2	1	1	1
<input checked="" type="checkbox"/> SRO-U	I/C	2,3,6,7				4,6			2,3,5,6					10	4	4	2
<input type="checkbox"/> I2	MAJ	8				8			8					3	2	2	1
	TS	5,6							1,3,4					5	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
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

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.

Facility: Clinton Power Station			Date of Exam: 9/09/19			Operating Test No.: 2019-301												
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 (S-1)			2 (S-2)			3 (S-3)			4							
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION							
		S R O	A T C I3	B O P	S R O I3	A T C	B O P	S R O I3	A T C	B O P	S R O	A T C	B O P	R		I	U	
RO <input type="checkbox"/>	RX		1		2			7						3	1	1	0	
SRO-I <input type="checkbox"/>	NOR				1			1						2	1	1	1	
<input checked="" type="checkbox"/> SRO-U	I/C		2,3		3,4,5,6			2,3,5,6						10	4	4	2	
<input type="checkbox"/>	MAJ		8		8			8						3	2	2	1	
I3	TS				4,7			1,3,4						5	0	2	2	
RO <input type="checkbox"/>	RX														1	1	0	
<input type="checkbox"/> SRO-I	NOR														1	1	1	
<input type="checkbox"/> SRO-U	I/C														4	4	2	
<input type="checkbox"/>	MAJ														2	2	1	
<input type="checkbox"/>	TS														0	2	2	
RO <input type="checkbox"/>	RX														1	1	0	
<input type="checkbox"/> SRO-I	NOR														1	1	1	
<input type="checkbox"/> SRO-U	I/C														4	4	2	
<input type="checkbox"/>	MAJ														2	2	1	
<input type="checkbox"/>	TS														0	2	2	
RO <input type="checkbox"/>	RX														1	1	0	
<input type="checkbox"/> SRO-I	NOR														1	1	1	
<input type="checkbox"/> SRO-U	I/C														4	4	2	
<input type="checkbox"/>	MAJ														2	2	1	
<input type="checkbox"/>	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.

Facility: Clinton Power Station			Date of Exam: 9/09/19			Operating Test No.: 2019-301											
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 (S-1)			2 (S-2)			3 (S-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				
RO	RX								7					1	1	1	0
<input checked="" type="checkbox"/> SRO-I	NOR			4										1	1	1	1
<input type="checkbox"/> SRO-U	I/C			6,7					2,6					4	4	4	2
<input type="checkbox"/> R1	MAJ			8					8					2	2	2	1
	TS													0	0	2	2
RO	RX														1	1	0
<input type="checkbox"/> SRO-I	NOR														1	1	1
<input type="checkbox"/> SRO-U	I/C														4	4	2
<input type="checkbox"/>	MAJ														2	2	1
	TS														0	2	2
RO	RX														1	1	0
<input type="checkbox"/> SRO-I	NOR														1	1	1
<input type="checkbox"/> SRO-U	I/C														4	4	2
<input type="checkbox"/>	MAJ														2	2	1
	TS														0	2	2
RO	RX														1	1	0
<input type="checkbox"/> SRO-I	NOR														1	1	1
<input type="checkbox"/> SRO-U	I/C														4	4	2
<input type="checkbox"/>	MAJ														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.

Facility: Clinton Power Station				Date of Exam: 9/09/19				Operating Test No.: 2019-301									
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 (S-1)			2 (S-2)			3 (S-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				
RO	RX								7					1	1	1	0
<input checked="" type="checkbox"/> SRO-I	NOR						1							1	1	1	1
<input type="checkbox"/> SRO-U	I/C						3,5		2,6					4	4	4	2
<input type="checkbox"/> R2	MAJ						8		8					2	2	2	1
	TS													0	0	2	2
RO	RX														1	1	0
<input type="checkbox"/> SRO-I	NOR														1	1	1
<input type="checkbox"/> SRO-U	I/C														4	4	2
<input type="checkbox"/>	MAJ														2	2	1
	TS														0	2	2
RO	RX														1	1	0
<input type="checkbox"/> SRO-I	NOR														1	1	1
<input type="checkbox"/> SRO-U	I/C														4	4	2
<input type="checkbox"/>	MAJ														2	2	1
	TS														0	2	2
RO	RX														1	1	0
<input type="checkbox"/> SRO-I	NOR														1	1	1
<input type="checkbox"/> SRO-U	I/C														4	4	2
<input type="checkbox"/>	MAJ														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.

Facility: Clinton Power Station			Date of Exam: 9/09/19			Operating Test No.: 2019-301											
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 (S-1)			2 (S-2)			3			4						
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION						
		S R O	A T C R3	B O P	S R O	A T C	B O P R3	S R O	A T C	B O P R3	S R O	A T C	B O P				
RO <input checked="" type="checkbox"/>	RX		1										2	1	1	0	
SRO-I <input type="checkbox"/>	NOR					1			1				1	1	1	1	
SRO-U <input type="checkbox"/>	I/C		2,3			3,5			3,5				6	4	4	2	
R3	MAJ		8			8			8				3	2	2	1	
	TS												0	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	
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	

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.
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Facility: Clinton Power Station			Date of Exam: 9/09/19			Operating Test No.: 2019-301											
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 (S-1)			2 (S-2)			3 (S-3)			4						
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION						
		S R O	A T C	B O P R4	S R O	A T C	B O P	S R O	A T C R4	B O P	S R O	A T C	B O P				
RO	RX							7					1	1	1	0	
<input checked="" type="checkbox"/> SRO-I	NOR			4									1	1	1	1	
<input type="checkbox"/> SRO-U	I/C			6,7				2,6					4	4	4	2	
<input type="checkbox"/> R4	MAJ			8				8					2	2	2	1	
	TS												0	0	2	2	
RO	RX													1	1	0	
<input type="checkbox"/> SRO-I	NOR													1	1	1	
<input type="checkbox"/> SRO-U	I/C													4	4	2	
<input type="checkbox"/>	MAJ													2	2	1	
	TS													0	2	2	
RO	RX													1	1	0	
<input type="checkbox"/> SRO-I	NOR													1	1	1	
<input type="checkbox"/> SRO-U	I/C													4	4	2	
<input type="checkbox"/>	MAJ													2	2	1	
	TS													0	2	2	
RO	RX													1	1	0	
<input type="checkbox"/> SRO-I	NOR													1	1	1	
<input type="checkbox"/> SRO-U	I/C													4	4	2	
<input type="checkbox"/>	MAJ													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.