

ES-301 Transient and Event Checklist Form ES-301-5 – Crew 1

Facility: Clinton Power Station Date of Exam: 1/30/17 Operating Test Number: 2017-301

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			2			3			4							
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION							
		S R O U1	A T C I1	B O P I2	S R O I1	A T C I2	B O P R1	S R O I2	A T C R1	B O P I1	S R O	A T C	B O P					
		R	I	U														
RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input checked="" type="checkbox"/> U1	RX	7												1	1	1	0	
	NOR	1												1	1	1	1	
	I/C	3,5,6												3	4	4	2	
	MAJ	8												1	2	2	1	
	TS	2,4												2	0	2	2	
RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/> I1	RX		7		4									2	1	1	0	
	NOR				1				1					2	1	1	1	
	I/C		3,4		5,6				5,6					6	4	4	2	
	MAJ		8		7				7					3	2	2	1	
	TS				2,3									2	0	2	2	
RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/> I2	RX					4		2						2	1	1	0	
	NOR			1				1						2	1	1	1	
	I/C			5,6		3,6		4,6						6	4	4	2	
	MAJ			8		7		7						3	2	2	1	
	TS							3,5						2	0	2	2	
RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/> R1	RX							2						1	1	1	0	
	NOR						1							1	1	1	1	
	I/C						2,5		3,4					4	4	4	2	
	MAJ						7		7					2	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 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 Instant SRO *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 1-for-1 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 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.

ES-301 Transient and Event Checklist Form ES-301-5 – Crew 2

Facility: Clinton Power Station			Date of Exam: 1/30/17			Operating Test Number: 2017-301											
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			2			3			4						
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION						
		S R O U2	A T C I3	B O P I4	S R O I3	A T C I4	B O P R2	S R O I4	A T C R2	B O P I3	S R O	A T C	B O P				
													R	I	U		
RO <input type="checkbox"/>	RX	7												1	1	1	0
SRO-I <input type="checkbox"/>	NOR	1												1	1	1	1
SRO-U <input type="checkbox"/>	I/C	3,5,6												3	4	4	2
<input checked="" type="checkbox"/>	MAJ	8												1	2	2	1
U2	TS	2,4												2	0	2	2
RO <input type="checkbox"/>	RX		7		4									2	1	1	0
SRO-I <input type="checkbox"/>	NOR				1					1				2	1	1	1
SRO-U <input checked="" type="checkbox"/>	I/C		3,4		5,6					5,6				6	4	4	2
<input type="checkbox"/>	MAJ		8		7					7				3	2	2	1
I3	TS				2,3									2	0	2	2
RO <input type="checkbox"/>	RX					4		2						2	1	1	0
SRO-I <input type="checkbox"/>	NOR			1				1						2	1	1	1
SRO-U <input checked="" type="checkbox"/>	I/C			5,6		3,6		4,6						6	4	4	2
<input type="checkbox"/>	MAJ			8		7		7						3	2	2	1
I4	TS							3,5						2	0	2	2
RO <input checked="" type="checkbox"/>	RX							2						1	1	1	0
SRO-I <input type="checkbox"/>	NOR						1							1	1	1	1
SRO-U <input type="checkbox"/>	I/C						2,5		3,4					4	4	4	2
<input type="checkbox"/>	MAJ						7		7					2	2	2	1
R2	TS													0	0	2	2

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ES-301 Transient and Event Checklist Form ES-301-5 – Crew 3

Facility: Clinton Power Station			Date of Exam: 1/30/17			Operating Test Number: 2017-301												
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			2			3			4							
		C R E W P O S I T I O N			C R E W P O S I T I O N			C R E W P O S I T I O N			C R E W P O S I T I O N							
		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					
		I5	I6	I7	I6	I7	I5	I7	I5	I6								
RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/> I5	RX	7						2						2	1	1	0	
	NOR	1					1							2	1	1	1	
	I/C	3,5,6					2,5		3,4					7	4	4	2	
	MAJ	8					7		7					3	2	2	1	
	TS	2,4												2	0	2	2	
RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/> I6	RX		7		4									2	1	1	0	
	NOR				1					1				2	1	1	1	
	I/C		3,4		5,6					5,6				6	4	4	2	
	MAJ		8		7					7				3	2	2	1	
	TS				2,3									2	0	2	2	
RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/> I7	RX					4		2						2	1	1	0	
	NOR			1				1						2	1	1	1	
	I/C			5,6		3,6		4,6						6	4	4	2	
	MAJ			8		7		7						3	2	2	1	
	TS							3,5						2	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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