

ES-301 Transient and Event Checklist Form ES-301-5

Facility: Clinton Date of Exam: 08/24/2009 Operating Test Number: 08-01

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					
													R	I	U			
RO <input type="checkbox"/>	RX	2				2										2	3	1
SRO-I <input checked="" type="checkbox"/>	NOR	1											5	2	1	1	1	
SRO-U <input type="checkbox"/>	I/C	3,4,6,7				3,6							1,3,4,6	10	4	4	2	
	MAJ	8,9,10,11				8,9,10							7,8	9	2	2	1	
	TS	1,5											1,4	4	0	2	2	
RO <input type="checkbox"/>	RX		2		2									2	1	1	0	
SRO-I <input checked="" type="checkbox"/>	NOR				1								5	2	1	1	1	
SRO-U <input type="checkbox"/>	I/C		3,4		3,4,5,6,7								4,6	9	4	4	2	
	MAJ		8,9,10,11		8,9,10								7,8	9	2	2	1	
	TS				3,4									2	0	2	2	
RO <input checked="" type="checkbox"/>	RX												2	1	1	1	0	
SRO-I <input type="checkbox"/>	NOR			1			1							2	1	1	1	
SRO-U <input type="checkbox"/>	I/C			6,7			4,5,7						1,3	7	4	4	2	
	MAJ			8,9,10,11			8,9,10						7,8	9	2	2	1	
	TS													0	0	2	2	
RO <input type="checkbox"/>	RX												2	1	1	1	0	
SRO-I <input type="checkbox"/>	NOR												5	1	1	1	1	
SRO-U <input checked="" type="checkbox"/>	I/C												1,3,4,6	4	4	4	2	
	MAJ												7,8	2	2	2	1	
	TS												1,4	2	0	2	2	

Instructions:

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 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.
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 1-for-1 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.

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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				
														R	I	U	
RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/>	RX	2				2			3						3	1	1
	NOR	1							1					2	1	1	1
	I/C	3,4,6,7				3,6			2,4,5,7					10	4	4	2
	MAJ	8,9,10,11				8,9,10			8,9,10					10	2	2	1
	TS	1,5							2,6					4	0	2	2
RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/>	RX		2		2									2	1	1	0
	NOR				1					1				2	1	1	1
	I/C		3,4		3,4,5,6,7					5,7				9	4	4	2
	MAJ		8,9,10,11		8,9,10					8,9,10				10	2	2	1
	TS				3,4									2	0	2	2
RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX								3					1	1	1	0
	NOR			1			1							2	1	1	1
	I/C			6,7			4,5,7		2,4					7	4	4	2
	MAJ			8,9,10,11			8,9,10		8,9,10					10	2	2	1
	TS													0	0	2	2
RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input checked="" type="checkbox"/>	RX												2	1	1	1	0
	NOR												5	1	1	1	1
	I/C											1,3,4,6		4	4	4	2
	MAJ											7,8		2	2	2	1
	TS											1,4		2	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													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							
														R	I	U				
RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/>	RX				2						3					2		3	1	1
	NOR				1						1						2	1	1	1
	I/C				3,4,5,6,7						2,4,5,7				1,3		11	4	4	2
	MAJ				8,9,10						8,9,10				7,8		8	2	2	1
	TS				3,4						2,6						4	0	2	2
RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX										3						1	1	1	0
	NOR														5		1	1	1	1
	I/C										2,4				4,6		4	4	4	2
	MAJ										8,9,10				7,8		5	2	2	1
	TS																0	0	2	2
RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX					2											1	1	1	0
	NOR											1					1	1	1	1
	I/C					3,6						5,7					4	4	4	2
	MAJ					8,9,10						8,9,10					6	2	2	1
	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

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		1			2			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					
														R	I	U		
RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/>	RX	2							3					2	3	1	1	0
	NOR	1						1						2	1	1	1	
	I/C	3,4,6,7						2,4,5,7					1,3	10	4	4	2	
	MAJ	8,9,10,11						8,9,10					7,8	9	2	2	1	
	TS	1,5						2,6						4	0	2	2	
RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX		2											1	1	1	0	
	NOR												5	1	1	1	1	
	I/C		3,4										4,6	4	4	4	2	
	MAJ		8,9,10,11										7,8	6	2	2	1	
	TS													0	0	2	2	
RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX							3						1	1	1	0	
	NOR			1										1	1	1	1	
	I/C			6,7				2,4						4	4	4	2	
	MAJ			8,9,10,11				8,9,10						7	2	2	1	
	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	

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