

Crew B

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

NRC Exam

Facility: Quad Cities		Date of Exam: 11/30/09		Operating Test Number: ILT 08-1														
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 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			4 7			2 5							1 2	6	4	4	2
	MAJ			6 8 9			7 9 10							4-7	3	2	2	1
	TS														0	0	2	2
RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/>	RX					6									1	1	1	0
	NOR	1													1	1	1	1
	I/C	2 4 5 7				4 8						1 2 3b			9	4	4	2
	MAJ	6 8 9				7 9 10						4-7			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"/>	RX		3												1	1	1	0
	NOR				1										1	1	1	1
	I/C		2 5		2 4 5 8							3b			7	4	4	2
	MAJ		6 8 9		7 9 10							4-7			3	2	2	1
	TS				3 5										2	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.

Crew C

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Facility: Quad Cities		Date of Exam: 11/30/09		Operating Test Number: ILT 08-1															
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 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			4 7									5 6		1 2	6	4	4	2
	MAJ			6 8 9									7-10		4-7	3	2	2	1
	TS															0	0	2	2
RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/>	RX								2						1	1	1	0	
	NOR	1													1	1	1	1	
	I/C	2 4 5 7							3 4				1 2 3b		9	4	4	2	
	MAJ	6 8 9							7-10				4-7		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"/>	RX		3												1	1	1	0	
	NOR								1						1	1	1	1	
	I/C		2 5						3 4 5 6					3b	7	4	4	2	
	MAJ		6 8 9						7-10					4-7	3	2	2	1	
	TS								4 5						2	0	2	2	

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