

Facility:		Duane Arnold Energy Center					Date of Exam:		04/06/15					Operating Test No.: 2015301					
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 X SRO-U <input type="checkbox"/>	RX	1				1			1				0			3	1	1	0
	NOR	1				0			1				1			2	1	1	1
	I/C	6				3			5				5			14	4	4	2
	MAJ	1				1			1				1			3	2	2	1
	TS	4				0			2				2			6	0	2	2
RO <input type="checkbox"/> SRO-I X SRO-U <input type="checkbox"/>	RX		1		1								0		1	2	1	1	0
	NOR		0		1								1		0	2	1	1	1
	I/C		2		4								3		2	9	4	4	2
	MAJ		1		1								1		1	3	2	2	1
	TS		0		4								0		0	4	0	2	2
RO X SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX			0				0		1				0	1	1	1	0	
	NOR			1				1		0				1	2	1	1	1	
	I/C			4				2		2				2	8	4	4	2	
	MAJ			1				1		1				1	3	2	2	1	
	TS			0				0		0				0	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

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.