

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															
		1			2			3			4			T O T A L	M I N I M U M (*)		
		CREW P O S I T I O N			CREW P O S I T I O N			CREW P O S I T I O N			CREW 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	1			1		1			0			3	1	1	0	
SRO-I X <input type="checkbox"/>	NOR	1			0		1			1			2	1	1	1	
SRO-U <input type="checkbox"/>	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"/>	RX		1		1					0		1	2	1	1	0	
SRO-I X <input type="checkbox"/>	NOR		0		1					1		0	2	1	1	1	
SRO-U <input type="checkbox"/>	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 <input type="checkbox"/>	RX			0		0		1				0	1	1	1	0	
SRO-I <input type="checkbox"/>	NOR			1		1		0				1	2	1	1	1	
SRO-U <input type="checkbox"/>	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"/>	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:

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.