

Facility: Palisades		Date of Exam: September 2014		Operating Test No.: 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			SPARE (#)							
		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					
SRO-U	RX	--			2							2	2	--	1			0
	NOR	--			2							2	--	12	1			1
	I/C	2345			345							34578	58	457	7			2
	MAJ	6			7							6	6	6	2			1
	TS	24			345							345	--	--	5			2
RO	RX		2									--	2	--	1	1		
	NOR		--				12					2	--	12	2	1		
	I/C		457				346					34578	58	457	6	4		
	MAJ		6				7					6	6	6	2	2		
	TS		--				--					345	--	--	0	0		
RO	RX			--		2							2	--	1	1		
	NOR			1		--							--	12	1	1		
	I/C			23		458							58	457	5	4		
	MAJ			6		7							6	6	2	2		
	TS			--		--							--	--	0	0		

Notes: (1) The above three candidates will form one operating crew (**Crew 1**).
 (2) # The spare scenario is not counted toward the total.

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.

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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			SPARE (#)							
		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														
SRO-I	RX	--				2					--	2	2	--	1		1	
	NOR	--				--					1	2	--	12	1		1	
	I/C	2345				458					27	34578	58	457	9		4	
	MAJ	6				7					6	6	6	6	3		2	
	TS	24				--					--	345	--	--	2		2	
SRO-I	RX		2		2				1			2	2	--	3		1	
	NOR		--		2				1			2	--	12	2		1	
	I/C		457		345				235			34578	58	457	9		4	
	MAJ		6		7				6			6	6	6	3		2	
	TS		--		345				24			345	--	--	5		2	
RO	RX			--					1				2	--	1	1		
	NOR			1					--				--	12	3	1		
	I/C			23					358				58	457	8	4		
	MAJ			6					7				6	6	3	2		
	TS			--					--				--	--	0	0		

Notes: (1) The above three candidates will form one operating crew (**Crew 2**).
 (2) # The spare scenario is not counted toward the total.

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.

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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			SPARE (#)							
		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		R	I	U										
SRO-I	RX	--			2				1			2	2	--	2		1	
	NOR	--			2				--			2	--	12	1		1	
	I/C	2345			345				358			34578	58	457	10		4	
	MAJ	6			7				6			6	6	6	3		2	
	TS	24			345				--			345	--	--	5		2	
RO	RX		2				--	1				2	2	--	1	1		
	NOR		--				12	1				2	--	12	2	1		
	I/C		457				346	235				34578	58	457	6	4		
	MAJ		6				7	6				6	6	6	2	2		
	TS		--				--	24				345	--	--	0	0		
RO	RX			--		2							2	--	1	1		
	NOR			1		--							--	12	2	1		
	I/C			23		458							58	457	7	4		
	MAJ			6		7						6	6	6	3	2		
	TS			--		--							--	--	0	0		

Notes: (1) The above three candidates and one surrogate will form one operating crew (**Crew 3**). Surrogate will replace one of the RO candidates and be in SRO position for Scenario 3.
 (2) # The spare scenario is not counted toward the total.

- 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.