

Facility

**Davis-Besse**

Date of Exam **6/13/16 thru 6/20/16**

Operating Test No **DB NRC 2016**

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 Back-up						
		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		
M A S T E R	RX	1	1		4	4		2	2		5	5			1	1	0
	NOR				5		5								1	1	1
	I/C	2,3,4,6,7,9	3,7,9	2,4,6	1,2,3,7	1,2	1,3,7	1,2,3,4,5,6	1,3,5	1,2,4,6	1,2,3,4,7	2,4	1,3,7		4	4	2
	MAJ	8	8	8	6	6	6	7	7	7	6	6	6		2	2	1
	TS	2,5			1,4			1,4			2,5				0	2	2
S R O I - 1 <input checked="" type="checkbox"/>	RX	1				4								2	1	1	0
	NOR													0	1	1	1
	I/C	2,3,4,6,7,9				1,2				1,2,4,6				12	4	4	2
	MAJ	8				6				7				3	2	2	1
	TS	2,5												2	0	2	2
S R O I - 2 <input checked="" type="checkbox"/>	RX		1					2						2	1	1	0
	NOR						5							1	1	1	1
	I/C		3,7,9				1,3,7	1,2,3,4,5,6						12	4	4	2
	MAJ		8				6	7						3	2	2	1
	TS							1,4						2	0	2	2
S R O I - 3 <input checked="" type="checkbox"/>	RX				4				2					2	1	1	0
	NOR				5									1	1	1	1
	I/C			2,4,6	1,2,3,7				1,3,5					10	4	4	2
	MAJ			8	6				7					3	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 (SRO-I) 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 SRO-I *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 one-for-one 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.
4. For licensees that use the ATC operator primarily for monitoring plant parameters, the chief examiner may place SRO-I applicants in either the ATC or BOP position to best evaluate the SRO-I in manipulating plant controls.

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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 Back-up						
		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
SROI -4 <input checked="" type="checkbox"/>	RX	1			4				2				3	1	1	0	
	NOR				5								1	1	1	1	
	I/C	2,3,4, 6,7,9			1,2,3, 7				1,3,5				13	4	4	2	
	MAJ	8			6				7				3	2	2	1	
	TS	2,5			1,4								4	0	2	2	
SROI-5 <input checked="" type="checkbox"/>	RX		1					2					2	1	1	0	
	NOR						5						1	1	1	1	
	I/C		3,7,9				1,3,7	1,2,3, 4,5,6					12	4	4	2	
	MAJ		8				6	7					3	2	2	1	
	TS							1,4					2	0	2	2	
SROU -1 <input checked="" type="checkbox"/>	RX	1			4								2	1	1	0	
	NOR				5								1	1	1	1	
	I/C	2,3,4, 6,7,9			1,2,3, 7								10	4	4	2	
	MAJ	8			6								2	2	2	1	
	TS	2,5			1,4								4	0	2	2	

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