

Facility: <u>Davis-Besse</u>		Date of Exam <u>Weeks of 12/5 &amp; 12/12 2011</u>		Operating Test No.:														
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 Spare							
		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				3			1	1	0
	NOR	1			1			1,4		1		3				1	1	1
	I/C	2,4,6	2,6,	4	2,3,4 6,9	3,4,6 9	2,6	3,5,7 8	3,7	5,8	2,4,6 8	2,4,6 8	4			4	4	2
	MAJ	5,7	5,7	5,7	7,8	7,8	7,8	6	6	6	5,7	5,7	5,7			2	2	1
	TS	2,3			4,5			2,4			1,3					0	2	2
SROI-1 <input checked="" type="checkbox"/>	RX					1									1	1	1	0
	NOR	1													1	1	1	1
	I/C	2,4,6				3,4,6 9									7	4	4	2
	MAJ	5,7				7,8									4	2	2	1
	TS	2,3													2	0	2	2
SROI-2 <input checked="" type="checkbox"/>	RX					1									1	1	1	0
	NOR	1													1	1	1	1
	I/C	2,4,6				3,4,6 9									7	4	4	2
	MAJ	5,7				7,8									4	2	2	1
	TS	2,3													2	0	2	2
SROI-3 <input checked="" type="checkbox"/>	RX					1									1	1	1	0
	NOR	1						1,4							3	1	1	1
	I/C	2,4,6				3,4,6 9		3,5,7 8							11	4	4	2
	MAJ	5,7				7,8		6							5	2	2	1
	TS	2,3						2,4							4	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.

Facility: <u>Davis-Besse</u>		Date of Exam <u>Weeks of 12/5 &amp; 12/12 2011</u>									Operating Test No.:						
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 Spare						
		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											1	1	1	0
	NOR				1					1				2	1	1	1
	I/C		2,6,		2,3,4 6,9					5,8				9	4	4	2
	MAJ		5,7		7,8					6				5	2	2	1
	TS				4,5									2	0	2	2
SROI -5 <input checked="" type="checkbox"/>	RX				1									1	1	1	0
	NOR	1						1,4						3	1	1	1
	I/C	2,4,6			3,4,6 9		3,5,7 8							11	4	4	2
	MAJ	5,7			7,8		6							5	2	2	1
	TS	2,3					2,4							4	0	2	2
SROI -6 <input checked="" type="checkbox"/>	RX		1											1	1	1	0
	NOR				1					1				2	1	1	1
	I/C		2,6,		2,3,4 6,9					5,8				9	4	4	2
	MAJ		5,7		7,8					6				5	2	2	1
	TS				4,5									2	0	2	2
RO -1 <input checked="" type="checkbox"/>	RX							4						1	1	1	0
	NOR													0	1	1	1
	I/C			4		2,6		3,7						5	4	4	2
	MAJ			5,7		7,8		6						5	2	2	1
	TS													0	0	2	2

Instructions:

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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.
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Facility: <u>Davis-Besse</u>		Date of Exam <u>Weeks of 12/5 &amp; 12/12 2011</u>									Operating Test No.:						
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						
		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	
RO -2 <input checked="" type="checkbox"/>	RX							4						1	1	1	0
	NOR													0	1	1	1
	I/C			4			2,6		3,7					5	4	4	2
	MAJ			5,7			7,8		6					5	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			4			2,6		3,7					5	4	4	2
	MAJ			5,7			7,8		6					5	2	2	1
	TS													0	0	2	2
RO -4 <input checked="" type="checkbox"/>	RX							4						1	1	1	0
	NOR													0	1	1	1
	I/C			4			2,6		3,7					5	4	4	2
	MAJ			5,7			7,8		6					5	2	2	1
	TS													0	0	2	2
RO -5 <input checked="" type="checkbox"/>	RX		1											1	1	1	0
	NOR								1					1	1	1	1
	I/C		2,6,						5,8					4	4	4	2
	MAJ		5,7						6					3	2	2	1
	TS													0	0	2	2

Instructions:

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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						
		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	
RO -6 <input checked="" type="checkbox"/>	RX		1											1	1	1	0
	NOR								1					1	1	1	1
	I/C		2,6,							5,8				4	4	4	2
	MAJ		5,7							6				3	2	2	1
	TS													0	0	2	2
SROU -1 <input checked="" type="checkbox"/>	RX													0	1	1	0
	NOR				1			1,4						3	1	1	1
	I/C				2,3,4 6,9			3,5,7 8						9	4	4	2
	MAJ				7,8			6						3	2	2	1
	TS				4,5			2,4						4	0	2	2
SROU -2 <input checked="" type="checkbox"/>	RX													0	1	1	0
	NOR				1			1,4						3	1	1	1
	I/C				2,3,4 6,9			3,5,7 8						9	4	4	2
	MAJ				7,8			6						3	2	2	1
	TS				4,5			2,4						4	0	2	2
	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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Facility: <u>Davis-Besse</u>		Date of Exam <u>12/5 thru 12/15 2011</u>					Operating Test No.: <u>2011 NRC Exam</u>												
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 Spare								
		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				
<b>M A S T E R</b>	RX		1			1			4				3				1	1	0
	NOR	1			1			1,4		1		3					1	1	1
	I/C	2,5,7 8	5,7,8	2,8	2,3,4 6,9	3,4,6 9	2,6	3,5,7 8	3,5,7	5,8	2,4,7	2,4,7	2,4				4	4	2
	MAJ	6	6	6	7,8	7,8	7,8	6	6	6	5,6	5,6	5,6				2	2	1
	TS	3,4,5			5,6			2,4			1,3						0	2	2
SROI-1 <input checked="" type="checkbox"/>	RX					1										<b>1</b>	1	1	0
	NOR	1														<b>1</b>	1	1	1
	I/C	2,5,7 8				3,4,6 9										<b>8</b>	4	4	2
	MAJ	6				7,8										<b>3</b>	2	2	1
	TS	3,4,5														<b>3</b>	0	2	2
SROI-2 <input checked="" type="checkbox"/>	RX					1										<b>1</b>	1	1	0
	NOR	1														<b>1</b>	1	1	1
	I/C	2,5,7 8				3,4,6 9										<b>8</b>	4	4	2
	MAJ	6				7,8										<b>3</b>	2	2	1
	TS	3,4,5														<b>3</b>	0	2	2
SROI-3 <input checked="" type="checkbox"/>	RX					1										<b>1</b>	1	1	0
	NOR	1						1,4								<b>3</b>	1	1	1
	I/C	2,5,7 8				3,4,6 9		3,5,7 8								<b>12</b>	4	4	2
	MAJ	6				7,8		6								<b>4</b>	2	2	1
	TS	3,4,5						2,4								<b>5</b>	0	2	2

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

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

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		1			2			3			4						
		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	
RO -6 <input checked="" type="checkbox"/>	RX		1											1	1	1	0
	NOR								1					1	1	1	1
	I/C		5,7,8						5,8					5	4	4	2
	MAJ		6						6					2	2	2	1
	TS													0	0	2	2
SROU -1 <input checked="" type="checkbox"/>	RX													0	1	1	0
	NOR				1			1,4						3	1	1	1
	I/C				2,3,4 6,9			3,5,7 8						9	4	4	2
	MAJ				7,8			6						3	2	2	1
	TS				5,6			2,4						4	0	2	2
SROU -2 <input checked="" type="checkbox"/>	RX													0	1	1	0
	NOR				1			1,4						3	1	1	1
	I/C				2,3,4 6,9			3,5,7 8						9	4	4	2
	MAJ				7,8			6						3	2	2	1
	TS				5,6			2,4						4	0	2	2
	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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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 Spare			2			3			4						
		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			
<b>M A S T E R</b>	RX		1			1			5			3			1	1	0
	NOR	1			1			1,5		1,	3				1	1	1
	I/C	2,5,7 8	5,7,8	2,5,8	2,3,4 6,9	3,4,6 9	2,6	3,4,6 8,9	4,6,8	3,6,9	2,4,7	2,4,7	2,4,		4	4	2
	MAJ	6	6	6	7,8	7,8	7,8	7	7	7	5,6	5,6	5,6		2	2	1
	TS	3,4,5			5,6			2,5			1,3				0	2	2
SROI-1 <input checked="" type="checkbox"/>	RX											3		1	1	1	0
	NOR							1,5						2	1	1	1
	I/C						2,6	3,4,6 8,9			2,4,7			10	4	4	2
	MAJ						7,8	7			5,6			5	2	2	1
	TS							2,5						2	0	2	2
SROI-2 <input checked="" type="checkbox"/>	RX								5					1	1	1	0
	NOR				1									1	1	1	1
	I/C				2,3,4 6,9				4,6,8			2,4,		10	4	4	2
	MAJ				7,8				7			5,6		5	2	2	1
	TS				5,6									2	0	2	2
SROI-3 <input checked="" type="checkbox"/>	RX					1								1	1	1	0
	NOR									1,	3			2	1	1	1
	I/C					3,4,6 9				3,6,9	2,4,7			10	4	4	2
	MAJ					7,8				7	5,6			5	2	2	1
	TS										1,3			2	0	2	2

Instructions:

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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.

Facility: <u>Davis-Besse</u>		Date of Exam <u>12/5 thru 12/15 2011</u>					Operating Test No.:										
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 Spare			2			3			4 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				
													R	I	U		
SROI -4 <input checked="" type="checkbox"/>	RX											3	1	1	1	0	
	NOR							1,5					2	1	1	1	
	I/C						2,6	3,4,6 8,9				2,4,7	10	4	4	2	
	MAJ						7,8	7				5,6	5	2	2	1	
	TS							2,5					2	0	2	2	
SROI -5 <input checked="" type="checkbox"/>	RX								5				1	1	1	0	
	NOR				1								1	1	1	1	
	I/C				2,3,4 6,9				4,6,8			2,4,	10	4	4	2	
	MAJ				7,8				7			5,6	5	2	2	1	
	TS				5,6								2	0	2	2	
SROI -6 <input checked="" type="checkbox"/>	RX					1							1	1	1	0	
	NOR									1,	3		2	1	1	1	
	I/C					3,4,6 9				3,6,9	2,4,7		10	4	4	2	
	MAJ					7,8				7	5,6		5	2	2	1	
	TS										1,3		2	0	2	2	
RO -1 <input checked="" type="checkbox"/>	RX								5				1	1	1	0	
	NOR												0	1	1	1	
	I/C						2,6		4,6,8				5	4	4	2	
	MAJ						7,8		7				3	2	2	1	
	TS												0	0	2	2	

Instructions:

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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.
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Facility: <u>Davis-Besse</u>		Date of Exam <u>12/5 thru 12/15 2011</u>					Operating Test No.:										
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 Spare			2			3			4						
		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		
RO -2 <input checked="" type="checkbox"/>	RX					1								1	1	1	0
	NOR									1,				1	1	1	1
	I/C					3,4,6 9				3,6,9				7	4	4	2
	MAJ					7,8				7				3	2	2	1
	TS													0	0	2	2
RO -3 <input checked="" type="checkbox"/>	RX								5					1	1	1	0
	NOR													0	1	1	1
	I/C						2,6		4,6,8					5	4	4	2
	MAJ						7,8		7					3	2	2	1
	TS													0	0	2	2
RO -4 <input checked="" type="checkbox"/>	RX					1								1	1	1	0
	NOR									1,				1	1	1	1
	I/C					3,4,6 9				3,6,9				7	4	4	2
	MAJ					7,8				7				3	2	2	1
	TS													0	0	2	2
SROU -1 <input checked="" type="checkbox"/>	RX													0	1	1	0
	NOR					1			1,5					3	1	1	1
	I/C					2,3,4 6,9			3,4,6 8,9					10	4	4	2
	MAJ					7,8			7					3	2	2	1
	TS					5,6			2,5					4	0	2	2

Instructions:

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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.
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Facility: <u>Davis-Besse</u>		Date of Exam <u>12/5 thru 12/15 2011</u>					Operating Test No.:										
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 Spare			2			3			4						
		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	
SROU -2 <input checked="" type="checkbox"/>	RX													0	1	1	0
	NOR				1			1,5						3	1	1	1
	I/C				2,3,4 6,9			3,4,6 8,9						10	4	4	2
	MAJ				7,8			7						3	2	2	1
	TS				5,6			2,5						4	0	2	2
	RX														1	1	0
	NOR														1	1	1
	I/C														4	4	2
	MAJ														2	2	1
	TS														0	2	2
	RX														1	1	0
	NOR														1	1	1
	I/C														4	4	2
	MAJ														2	2	1
	TS														0	2	2
	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.
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