

Facility Davis Besse Nuclear Power Station Date of Exam 2/7/2022 to 2/18/2022 Operating Test No DB NRC 2022

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

Facility Davis Besse Nuclear Power Station Date of Exam 2/3/2020 to 2/14/2020 Operating Test No DB NRC 2020

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 ( <sup>-</sup> )		
		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		
SRO I-1 <input checked="" type="checkbox"/>	RX	5				4								2	1	1	0
	NOR	1												1	1	1	1
	I/C	2 3 7				1								7	4	4	2
	MAJ	6 8				5								4	2	2	1
	TS	2 4												2	0	2	2
SRO I-2 <input checked="" type="checkbox"/>	RX				4				5					2	1	1	0
	NOR													0	1	1	1
	I/C			2 3	1 2 3 6 7				2 8					9	4	4	2
	MAJ			6 8	5				6					4	2	2	1
	TS				1 4									2	0	2	2
SRO I-3 <input checked="" type="checkbox"/>	RX	5				4								2	1	1	0
	NOR	1												1	1	1	1
	I/C	2 3 7				1								7	4	4	2
	MAJ	6 8				5								4	2	2	1
	TS	2 4												2	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						
		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		
SRO I-4 <input checked="" type="checkbox"/>	RX				4				5				2	1	1	0	
	NOR												0	1	1	1	
	I/C			2 3	1 2 3 6 7				2 8				9	4	4	2	
	MAJ			6 8	5				6				4	2	2	1	
	TS				1 4								2	0	2	2	
SRO I-5 <input checked="" type="checkbox"/>	RX	5				4			5				3	1	1	0	
	NOR	1							1				2	1	1	1	
	I/C	2 3 7				1			2 4 7 8				8	4	4	2	
	MAJ	6 8				5			6				4	2	2	1	
	TS	2 4							2 3				4	0	2	2	
SRO I-6 <input checked="" type="checkbox"/>	RX				4				5				2	1	1	0	
	NOR												0	1	1	1	
	I/C			2 3	1 2 3 6 7				2 8				9	4	4	2	
	MAJ			6 8	5				6				4	2	2	1	
	TS				1 4								2	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						
		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		
SRO I-7 <input checked="" type="checkbox"/>	RX							5					2 3	3	1	1	0
	NOR							1						1	1	1	1
	I/C							2 4 7 8					4	5	4	4	2
	MAJ							6					5	2	2	2	1
	TS							2 3						2	0	2	2
SRO I-8 <input checked="" type="checkbox"/>	RX							5					2 3	3	1	1	0
	NOR							1						1	1	1	1
	I/C							2 4 7 8					4	5	4	4	2
	MAJ							6					5	2	2	2	1
	TS							2 3						2	0	2	2
SRO U-2 <input checked="" type="checkbox"/>	RX											2 3	2	2	1	1	0
	NOR										1			1	1	1	1
	I/C										4 7	1 2 4 6		6	4	4	2
	MAJ										6	5		2	2	2	1
	TS											1 3		2	0	2	2
SRO U-1 <input checked="" type="checkbox"/>	RX											2 3	2	2	1	1	0
	NOR										1			1	1	1	1
	I/C										4 7	1 2 4 6		6	4	4	2
	MAJ										6	5		2	2	2	1
	TS											1 3		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 I/C 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 new reactor facility 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.

**Scenario 5 – Proposed Spare Scenario**

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 (*)		
		5 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													1	0
	NOR															1	1
	I/C	3 5 7	3 7	3 5												4	2
	MAJ	4 6	4 6	4 6												2	1
	TS	2 3														2	2

Facility Davis Besse Nuclear Power Station Date of Exam 2/7/2022 to 2/18/2022 Operating Test No DB NRC 2022

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

Facility Davis Besse Nuclear Power Station Date of Exam 2/3/2020 to 2/14/2020 Operating Test No DB NRC 2020

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		
SRO I-1 <input checked="" type="checkbox"/>	RX							5			2 3			3	1	1	0
	NOR													0	1	1	1
	I/C							2 7			1 2 4 6			6	4	4	2
	MAJ							6			5			2	2	2	1
	TS										1 3			2	0	2	2
SRO I-2 <input checked="" type="checkbox"/>	RX	5						5						2	1	1	0
	NOR	1												1	1	1	1
	I/C	2 3 5 7				2 3 6 7		2 7						10	4	4	2
	MAJ	6				5		6						3	2	2	1
	TS	2 4												2	0	2	2
SRO I-3 <input checked="" type="checkbox"/>	RX				4			5						2	1	1	0
	NOR							1						1	1	1	1
	I/C			3 5 7		1		2 4 7						7	4	4	2
	MAJ			6		5		6						3	2	2	1
	TS							2 3						2	0	2	2

Facility Davis Besse Nuclear Power Station Date of Exam 2/3/2020 to 2/14/2020 Operating Test No DB NRC 2020

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		
SRO I-4 <input checked="" type="checkbox"/>	RX		5		4								2	1	1	0	
	NOR		1										2	1	1	1	
	I/C		2		1 2 3 6,7								9	4	4	2	
	MAJ		6		5								3	2	2	1	
	TS				1 4								2	0	2	2	
SRO I-5 <input checked="" type="checkbox"/>	RX				4				5				2	1	1	0	
	NOR												0	1	1	1	
	I/C				1 2 3 6,7				2 7				10	4	4	2	
	MAJ				5				6				3	2	2	1	
	TS				1 4								2	0	2	2	
SRO I-6 <input checked="" type="checkbox"/>	RX	5				4			5				3	1	1	0	
	NOR	1							1				2	1	1	1	
	I/C	2 3 5 7				1			2 4 7				8	4	4	2	
	MAJ	6				5			6				3	2	2	1	
	TS	2 4							2 3				4	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 ( <sup>-</sup> )		
		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	
SRO I-7 <input checked="" type="checkbox"/>	RX	5										2 3	3	1	1	0		
	NOR	1											1	1	1	1		
	I/C	2 3 5 7										4	5	4	4	2		
	MAJ	6										5	2	2	2	1		
	TS	2 4											2	0	2	2		
SRO I-8 <input checked="" type="checkbox"/>	RX					4			5				2	1	1	0		
	NOR								1				1	1	1	1		
	I/C					1			2 4 7				7	4	4	2		
	MAJ					5			6				3	2	2	1		
	TS								2 3				2	0	2	2		
SRO U-2 <input checked="" type="checkbox"/>	RX				4								1	1	1	0		
	NOR										1		1	1	1	1		
	I/C				1 2 3 6,7						2 4 5 7		9	4	4	2		
	MAJ				5						6		2	2	2	1		
	TS				1 4								2	0	2	2		
SRO U-1 <input checked="" type="checkbox"/>	RX											2 3	2	1	1	0		
	NOR												0	1	1	1		
	I/C				3 5 7								7	4	4	2		
	MAJ				6								2	2	2	1		
	TS												2	0	2	2		

Instructions:

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**Scenario 5 – Proposed Spare Scenario**

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 (*)		
		5 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											1	1	0	
	NOR													1	1	1	
	I/C	3 5 6 8	6 8	3 5											4	4	2
	MAJ	4 7	4 7	4 7											2	2	1
	TS	2 3													0	2	2