

Facility: <b>Fermi 2</b>		Date of Exam: <b>2/26/2018</b>		Operating Test No.: <b>2018-1</b>														
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
<b>RO #1</b> <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX							1						1	1	1	0	
	NOR			1			1							2	1	1	1	
	I/C			2,3,4, 10,11			3,7,9		2,3,4 ,5					12	4	4	2	
	MAJ			7, 9			6,8		6,8					6	2	2	1	
	TS														0	2	2	
<b>RO #2</b> <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX		6											1	1	1	0	
	NOR						1							1	1	1	1	
	I/C		5,8				3,7,9							5	4	4	2	
	MAJ		7,9				6, 8							4	2	2	1	
	TS														0	2	2	
<b>RO #3</b> <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX					5								1	1	1	0	
	NOR			1										1	1	1	1	
	I/C			2,3,4, 10,11		2,4								7	4	4	2	
	MAJ			7, 9		6, 8								4	2	2	1	
	TS														0	2	2	
RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX														1	1	0	
	NOR														1	1	1	
	I/C														4	4	2	
	MAJ														2	2	1	
	TS														0	2	2	

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 (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.
- 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.
- 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.
- 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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Competencies	APPLICANTS															
	<b>RO #1</b> <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>				<b>RO #2</b> <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>				<b>RO #3</b> <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>				<b>RO</b> <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>			
	SCENARIO				SCENARIO				SCENARIO				SCENARIO			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
	BOP	BOP	ATC		ATC	BOP			BOP	ATC						
Interpret/Diagnose Events and Conditions	2, 3, 4, 7	3, 6, 8, 9	2, 3, 4, 5, 6, 8		4, 5, 8	3, 6, 8, 9			2, 3, 4, 7	2, 4, 9						
Comply With and Use Procedures (1)	1, 3, 4	1, 3, 6, 7, 8, 9	1, 2, 3, 4, 5, 6, 8		4, 5, 6, 8	1, 3, 6, 7, 8, 9			1, 3, 4	2, 4, 5, 7, 9						
Operate Control Boards (2)	1, 2, 3, 4, 7, 9, 10, 11	1, 3, 6, 8, 9	1, 2, 4, 5, 6, 8		5, 6, 7, 8, 9	1, 3, 6, 8, 9			1, 2, 3, 4, 7, 9, 10, 11	2, 4, 5, 7						
Communicate and Interact	1, 2, 3, 4, 7, 9, 10, 11	1, 3, 6, 7, 8, 9	1, 2, 3, 4, 5, 6, 8		4, 5, 6, 7, 8, 9	1, 3, 6, 7, 8, 9			1, 2, 3, 4, 7, 9, 10, 11	2, 4, 5, 7, 9						
Demonstrate Supervisory Ability (3)																
Comply With and Use Tech. Specs. (3)																
Notes: (1) Includes Technical Specification compliance for an RO. (2) Optional for an SRO-U. (3) Only applicable to SROs.																

*Instructions: Check the applicants' license type and enter one or more event numbers that will allow the examiners to evaluate every applicable competency for every applicant. (This includes all rating factors for each competency.) (Competency Rating factors as described on forms ES-303-1 and ES-303-3.)*

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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
RO	RX	6				5			1						3	1	1	0
<input type="checkbox"/>	NOR	1													1	1	1	1
SRO-I #1 <input checked="" type="checkbox"/>	I/C	2,3,4 ,5,8, 10, 11				2,4			2,3,4 ,5,7						14	4	4	2
SRO-U <input type="checkbox"/>	MAJ	7,9				6,8			6,8						6	2	2	1
	TS	2,3							2,3						4	0	2	2
RO	RX		6			5									2	1	1	0
<input type="checkbox"/>	NOR					1									1	1	1	1
SRO-I #2 <input checked="" type="checkbox"/>	I/C		5,8			2,3,4 ,7,9					3,7				9	4	4	2
SRO-U <input type="checkbox"/>	MAJ		7,9			6,8					6,8				6	2	2	1
	TS					2,3									2	0	2	2
RO	RX															1	1	0
<input type="checkbox"/>	NOR															1	1	1
SRO-I <input type="checkbox"/>	I/C															4	4	2
SRO-U <input type="checkbox"/>	MAJ															2	2	1
	TS															0	2	2
RO	RX															1	1	0
<input type="checkbox"/>	NOR															1	1	1
SRO-I <input type="checkbox"/>	I/C															4	4	2
SRO-U <input type="checkbox"/>	MAJ															2	2	1
	TS															0	2	2

Instructions:

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Competencies	APPLICANTS																
	RO <input type="checkbox"/> <b>SRO-I #1</b> <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/>				RO <input type="checkbox"/> <b>SRO-I #2</b> <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/>				RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>				RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>				
	SCENARIO				SCENARIO				SCENARIO				SCENARIO				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
	SRO	ATC	SRO	ATC	SRO	BOP											
Interpret/Diagnose Events and Conditions	4, 6, 7, 8, 10, 11	2,4, 9	2,3, 4,5, 6,8		4,5, 8	2,3, 4,5	3,6, 7,8										
Comply With and Use Procedures (1)	1, 3, 4, 5, 6, 7, 8, 9, 10, 11	2,4, 5,7, 9	1,2, 3,4, 5,6, 8		4,5, 6,8	2,3, 5	3,6, 8										
Operate Control Boards (2)		2,4, 5,7			5,6, 7,8, 9		6,7, 8										
Communicate and Interact	ALL	2,4, 5,7, 9	ALL		4,5, 6,7, 8,9	ALL	3,6, 7,8										
Demonstrate Supervisory Ability (3)	1, 2, 4, 5, 6, 7, 8, 9, 10, 11		1,2, 3,4, 5,6, 7,8			1,2, 3,4, 5,6, 7,8, 9											
Comply With and Use Tech. Specs. (3)	2, 3		2,3			2,6											
Notes: (1) Includes Technical Specification compliance for an RO. (2) Optional for an SRO-U. (3) Only applicable to SROs.																	

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