

Facility: <b>PALISADES NUCLEAR PLANT</b>		Date of Exam: <b>2/13 – 2/20 2017</b>		Operating Test No.: <b>NRC-2017</b>													
A P P L I C A N T	E V E N T  T Y P E	(Crew 1) 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</b> <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX		2			2							2	1	1	0	
	NOR					1							1	1	1	1	
	I/C		3,5,6 9			3,4,5							7	4	4	2	
	MAJ		8			7							2	2	2	1	
	TS												0	0	2	2	
<b>RO</b> <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX			2		2							2	1	1	0	
	NOR			1									1	1	1	1	
	I/C			4,7		4,6,8							5	4	4	2	
	MAJ			8		7							2	2	2	1	
	TS												0	0	2	2	
<b>RO</b> <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input checked="" type="checkbox"/>	RX	2											1	1	1	0	
	NOR	1											1	1	1	1	
	I/C	3,4,5 6,9											5	4	4	2	
	MAJ	8											1	2	2	1	
	TS	4,5											2	0	2	2	
<b>RO</b> <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input checked="" type="checkbox"/>	RX				2								1	1	1	0	
	NOR				1								1	1	1	1	
	I/C				3,4,5 6,8								5	4	4	2	
	MAJ				7								1	2	2	1	
	TS				2,4,5								3	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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A P P L I C A N T	E V E N T T Y P E	( Crews 2 & 3) Scenarios												T O T A L	M I N I M U M 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				
RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/>	RX	2				2		2					3	1	1	0	
	NOR	1				1							2	1	1	1	
	I/C	3,4,5 6,7,9				3,4,5		4,5					11	4	4	2	
	MAJ	8				7		6					3	2	2	1	
	TS	4,5											2	0	2	2	
RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/>	RX		2		2					2			3	1	1	0	
	NOR				1					1			2	1	1	1	
	I/C		3,5,6 9		3,4,5 6,8					3,5,7			12	4	4	2	
	MAJ		8		7					6			3	2	2	1	
	TS				2,4,5								3	0	2	2	
RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/>	RX			2		2		2					3	1	1	0	
	NOR			1				1					2	1	1	1	
	I/C			4,7		4,6,8		3,4,5 7					9	4	4	2	
	MAJ			8		7		6					3	2	2	1	
	TS							1,3,4 5					4	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:																	
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 <i>additionally</i> 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 <i>controlled</i> 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.																	