

Form 3.4-1 Events and Evolutions Checklist

Facility: Byron Nuclear Station		Date of Exam: 12/12/22										Operating Test No.: 2022-301					
A P P L I C A N T	E V E N T T Y P E	Scenarios – CREW A (Scenarios 1 and 2)															
		1			2			3			4			T O T A L	M I N I M U M*		
		P O S I T I O N			P O S I T I O N			P O S I T I O N			P O S I T I O N				R O	I	U
		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"/> <i>Salgado</i>	RX	7												2	1	1	0
	NOR	1												2	1	1	1
	I/C	2,4,5,6												6	4	4	2
	MAJ	8												2	2	2	1
	Man.													1	1	1	0
	TS	3,5												2	0	2	2
RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/> <i>Tolle</i>	RX		7					6						2	1	1	0
	NOR							1						1	1	1	1
	I/C		2,5,8					2,4,5,8						7	4	4	2
	MAJ		8					7						2	2	2	1
	Man.		8											1	1	1	0
	TS							3, 5						2	0	2	2
RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/> <i>Brindle</i>	RX			7					6					2	1	1	0
	NOR			1										1	1	1	1
	I/C			4,6,9				2,4,8						6	4	4	2
	MAJ			8				7						2	2	2	1
	Man.			9				2,4,8						4	1	1	0
	TS													0	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
	Man.														1	1	0
	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
	Man.														1	1	0
	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 – CREW B (scenarios 1 and 3)												T O T A L	M I N I M U M*		
		1			2			3			4				R O	I	U
		P O S I T I O N			P O S I T I O N			P O S I T I O N			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				
RO <input type="checkbox"/>	RX	7					6							2	1	1	0
SRO-I <input checked="" type="checkbox"/>	NOR	1					1							2	1	1	1
SRO-U <input type="checkbox"/>	I/C	2,4,5,6					5,8							6	4	4	2
<i>Henrickson</i>	MAJ	8					7							2	2	2	1
	Man.						8							1	1	1	0
	TS	3,5												2	0	2	2
RO <input type="checkbox"/>	RX		7		3									2	1	1	0
SRO-I <input checked="" type="checkbox"/>	NOR				1									1	1	1	1
SRO-U <input type="checkbox"/>	I/C		2,5,8		2,4,5,6,8									8	4	4	2
<i>Altenhoff</i>	MAJ		8		7									2	2	2	1
	Man.		8											1	1	1	0
	TS				2,6									2	0	2	2
RO <input checked="" type="checkbox"/>	RX			7		3			6					3	1	1	0
SRO-I <input type="checkbox"/>	NOR			1					1					2	1	1	1
SRO-U <input type="checkbox"/>	I/C			4,6,9		4,8			5,9					7	4	4	2
<i>McAnespie</i>	MAJ			8		7			7					3	2	2	1
	Man.			9		4,8			9					4	1	1	0
	TS													0	0	2	2
RO <input type="checkbox"/>	RX														1	1	0
SRO-I <input type="checkbox"/>	NOR														1	1	1
SRO-U <input type="checkbox"/>	I/C														4	4	2
	MAJ														2	2	1
	Man. Ctrl														1	1	0
	TS														0	2	2
RO <input type="checkbox"/>	RX														1	1	0
SRO-I	NOR														1	1	1
SRO-U	I/C														4	4	2
	MAJ														2	2	1
	Man. Ctrl														1	1	0
	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 – CREW C (Scenarios 1, 2, and 3)															
		1			2			3			4			T O T A	M I N I M U		
		POSITION			POSITION			POSITION			POSITION				RO	I	U
		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"/> <i>Zlevor</i>	RX		7		3			6						3	1	1	0
	NOR				1									1	1	1	1
	I/C		2,5,8		2,4,5,6,8			2,4,8						11	4	4	2
	MAJ		8		7			7						3	2	2	1
	Man. Ctrl		8					2,4,8						4	1	1	0
	TS				2,6									2	0	2	2
RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/> <i>Boyle</i>	RX		7		3	6								3	1	1	0
	NOR			1		1	1							3	1	1	1
	I/C		4,6,9		2,5,6	2,4,5,8								10	4	4	2
	MAJ		8		7	7								3	2	2	1
	Man. Ctrl			9		6								2	1	1	0
	TS						3, 5							2	0	2	2
RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input checked="" type="checkbox"/> <i>Niehaus</i>	RX	7			3									2	1	1	0
	NOR	1												1	1	1	1
	I/C	2,4,5,6			4,8									6	4	4	2
	MAJ	8			7									2	2	2	1
	Man. Ctrl				4,8									2	1	1	0
	TS	3,5												2	0	2	2
RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/> <input type="checkbox"/>	RX														1	1	0
	NOR														1	1	1
	I/C														4	4	2
	MAJ														2	2	1
	Man. Ctrl														1	1	0
	TS														0	2	2