Facility: Monticello Date of Exam: November 2016 Operating Test No.: 2016-301

| APPLICANT | EVENT TYPE | CREW 1 SCENARIOS | | | | | | | | | | | | TOTAL | MINIMUM(*) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | | | 2 | | | 3 | | | 4 | | | | | | |
| | | CREW POSITION | | | CREW POSITION | | | CREW POSITION | | | CREW POSITION | | | | | | |
| | | SRO | ATC | BOP | SRO | ATC | BOP | SRO | ATC | BOP | SRO | ATC | BOP | | R | I | U |
| RO ☐ SRO-I ☒ SRO-U ☐ | RX | 5 | | | | 1/3 | | | | | | | | 3 | 1 | 1 | 0 |
| | NOR | 1 | | | | | | | | | | | | 1 | 1 | 1 | 1 |
| | I/C | 2,4, 6,7, 8,9 | | | | 1,3 | | | | 3,4 | | | | 10 | 4 | 4 | 2 |
| | MAJ | 7,8,9 | | | | 6,7 | | | | 5 | | | | 6 | 2 | 2 | 1 |
| | TS | 3,6 | | | | | | | | | | | | 2 | 0 | 2 | 2 |
| RO ☐ SRO-I ☒ SRO-U ☐ | RX | | 5 | | | | | 4 | | | | | | 2 | 1 | 1 | 0 |
| | NOR | | | | | | 2 | 1 | | | | | | 2 | 1 | 1 | 1 |
| | I/C | | 4,6,7 | | | | 4,5, 6,7 | 2,3, 4,6,7 | | | | | | 12 | 4 | 4 | 2 |
| | MAJ | | 7,8,9 | | | | 6,7 | 5 | | | | | | 6 | 2 | 2 | 1 |
| | TS | | | | | | | 2,3 | | | | | | 2 | 0 | 2 | 2 |
| RO ☐ SRO-I ☒ SRO-U ☐ | RX | | | | 1,3 | | | | 4 | | | | | 3 | 1 | 1 | 0 |
| | NOR | | | 1 | 2 | | | | 1 | | | | | 3 | 1 | 1 | 1 |
| | I/C | | | 2,8,9 | 1,3 4,5, 6,7, | | | | 2,6 | | | | | 11 | 4 | 4 | 2 |
| | MAJ | | | 7,8,9 | 6,7 | | | | 5 | | | | | 6 | 2 | 2 | 1 |
| | TS | | | | 3,4 | | | | | | | | | 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 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.

Facility: Date of Exam: Operating Test No.:

| APPLICANT | EVENT TYPE | CREW 2 SCENARIOS | | | | | | | | | | | | TOTAL | MINIMUM(*) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | | | 2 | | | 3 | | | 4 | | | | | | |
| | | CREW POSITION | | | CREW POSITION | | | CREW POSITION | | | CREW POSITION | | | | | | |
| | | SRO | ATC | BOP | SRO | ATC | BOP | SRO | *ATC* | BOP | SRO | ATC | BOP | | R | I | U |
| RO ☐ SRO-I ☒ SRO-U ☐ | RX | 5 | | | | 1/3 | | | | | | | | 3 | 1 | 1 | 0 |
| | NOR | 1 | | | | | | | | | | | | 1 | 1 | 1 | 1 |
| | I/C | 2,4, 6,7, 8,9 | | | | 1,3 | | | | | | | | 8 | 4 | 4 | 2 |
| | MAJ | 7,8,9 | | | | 6,7 | | | | | | | | 5 | 2 | 2 | 1 |
| | TS | 3,6 | | | | | | | | | | | | 2 | 0 | 2 | 2 |
| RO ☒ SRO-I ☐ SRO-U ☐ | RX | | 5 | | | | | | | | | | | 1 | 1 | 1 | 0 |
| | NOR | | | | | | 2 | | | | | | | 1 | 1 | 1 | 1 |
| | I/C | | 4,6,7 | | | | 4,5, 6,7 | | | | | | | 7 | 4 | 4 | 2 |
| | MAJ | | 7,8,9 | | | | 6,7 | | | | | | | 5 | 2 | 2 | 1 |
| | TS | | | | | | | | | | | | | | 0 | 2 | 2 |
| RO ☐ SRO-I ☐ SRO-U ☐ | RX | | | | | | | | | | | | | | 1 | 1 | 0 |
| | NOR | | | | | | | | | | | | | | 1 | 1 | 1 |
| | I/C | | | | | | | | | | | | | | 4 | 4 | 2 |
| | MAJ | | | | | | | | | | | | | | 2 | 2 | 1 |
| | TS | | | | | | | | | | | | | | 0 | 2 | 2 |

Instructions:

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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.