


VARIOUS CHECKLISTS

FOR THE PRAIRIE ISLAND INITIAL EXAMINATION - AUGUST 2005

| Facility: <u>PRAIRIE ISLAND</u> | | Date of Examination: <u>August 08, 2005</u> |
|---|--|---|
| Examinations Developed by:  / NRC (circle one) | | |
| Target Date* | Task Description (Reference) | Chief Examiner's Initials |
| -180 | 1. Examination administration date confirmed (C.1.a; C.2.a and b) | hp |
| -120 | 2. NRC examiners and facility contact assigned (C.1.d; C.2.e) | hp |
| -120 | 3. Facility contact briefed on security and other requirements (C.2.c) | hp |
| -120 | 4. Corporate notification letter sent (C.2.d) | hp |
| [-90] | [5. Reference material due (C.1.e; C.3.c; Attachment 2)] | n/a |
| {-75} | 6. Integrated examination outline(s) due, including Forms ES-201-2, ES-201-3, ES-301-1, ES-301-2, ES-301-5, ES-D-1's, ES-401-1/2, ES-401-3, and ES-401-4, as applicable (C.1.e and f; C.3.d) | drm |
| {-70} | {7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)} | drm |
| {-45} | 8. Proposed examinations (including written, walk-through JPMs, and scenarios, as applicable), supporting documentation (including Forms ES-301-3, ES-301-4, ES-301-5, ES-301-6, and ES-401-6), and reference materials due (C.1.e, f, g and h; C.3.d) | drm |
| -30 | 9. Preliminary license applications (NRC Form 398's) due (C.1.i; C.2.g; ES-202) | drm |
| -14 | 10. Final license applications due and Form ES-201-4 prepared (C.1.i; C.2.i; ES-202) | drm |
| -14 | 11. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f) | drm |
| -14 | 12. Examinations reviewed with facility licensee (C.1.j; C.2.f and h; C.3.g) | drm |
| -7 | 13. Written examinations and operating tests approved by NRC supervisor (C.2.i; C.3.h) | drm |
| -7 | 14. Final applications reviewed; 1 or 2 (if >10) applications audited to confirm qualifications / eligibility; and examination approval and waiver letters sent (C.2.i; Attachment 4; ES-202, C.2.e; ES-204) | drm |
| -7 | 15. Proctoring/written exam administration guidelines reviewed with facility licensee (C.3.k) | drm |
| -7 | 16. Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i) | drm |
| <p>* Target dates are generally based on facility-prepared examinations and are keyed to the examination date identified in the corporate notification letter. They are for planning purposes and may be adjusted on a case-by-case basis in coordination with the facility licensee.</p> <p>[Applies only] {Does not apply} to examinations prepared by the NRC.</p> | | |

| Facility: <u>GRAIRIE ISLAND</u> | | Date of Examination: <u>8-8-05</u> | | Operating Test Number: | |
|---|---|------------------------------------|-------------------|------------------------|--|
| 1. General Criteria | | Initials | | | |
| | | a | b* | c# | |
| a. | The operating test conforms with the previously approved outline; changes are consistent with sampling requirements (e.g., 10 CFR 55.45, operational importance, safety function distribution). | <i>[initials]</i> | <i>[initials]</i> | <i>[initials]</i> | |
| b. | There is no day-to-day repetition between this and other operating tests to be administered during this examination. | <i>[initials]</i> | <i>[initials]</i> | <i>[initials]</i> | |
| c. | The operating test shall not duplicate items from the applicants' audit test(s). (see Section D.1.a.) | <i>[initials]</i> | <i>[initials]</i> | <i>[initials]</i> | |
| d. | Overlap with the written examination and between different parts of the operating test is within acceptable limits. | <i>[initials]</i> | <i>[initials]</i> | <i>[initials]</i> | |
| e. | It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level. | <i>[initials]</i> | <i>[initials]</i> | <i>[initials]</i> | |
| 2. Walk-Through Criteria | | -- | -- | -- | |
| a. | Each JPM includes the following, as applicable: <ul style="list-style-type: none"> initial conditions initiating cues references and tools, including associated procedures reasonable and validated time limits (average time allowed for completion) and specific designation if deemed to be time-critical by the facility licensee operationally important specific performance criteria that include: <ul style="list-style-type: none"> detailed expected actions with exact criteria and nomenclature system response and other examiner cues statements describing important observations to be made by the applicant criteria for successful completion of the task identification of critical steps and their associated performance standards restrictions on the sequence of steps, if applicable | <i>[initials]</i> | <i>[initials]</i> | <i>[initials]</i> | |
| b. | Ensure that any changes from the previously approved systems and administrative walk-through outlines (Forms ES-301-1 and 2) have not caused the test to deviate from any of the acceptance criteria (e.g., item distribution, bank use, repetition from the last 2 NRC examinations) specified on those forms and Form ES-201-2. | <i>[initials]</i> | <i>[initials]</i> | <i>[initials]</i> | |
| 3. Simulator Criteria | | -- | -- | -- | |
| The associated simulator operating tests (scenario sets) have been reviewed in accordance with Form ES-301-4 and a copy is attached. | | <i>[initials]</i> | <i>[initials]</i> | <i>[initials]</i> | |
| Printed Name / Signature | | Date | | | |
| a. | Author <u>JOHN KEMAKES</u> | <u>5/31/05</u> | | | |
| b. | Facility Reviewer(*) <u>Stephen Seifhimer</u> | <u>6-2-05</u> | | | |
| c. | NRC Chief Examiner (#) <u>Dell R. McNeil</u> | <u>6-29/06</u> | | | |
| d. | NRC Supervisor <u>Jeff Hironaka</u> | <u>8/4/05</u> | | | |
| NOTE: * The facility signature is not applicable for NRC-developed tests. # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required. | | | | | |

| Facility: <u>PRINCE ISLAND</u> Date of Exam: <u>8/15-8/17/03</u> Scenario Numbers: <u>161</u> Operating Test No.: <u>1</u> | | QUALITATIVE ATTRIBUTES | | | Initials | | |
|--|--|------------------------|-----------|------------|-----------|-----------|--|
| | | a | b* | c# | | | |
| 1. | The initial conditions are realistic, in that some equipment and/or instrumentation may be out of service, but it does not cue the operators into expected events. | <i>f</i> | <i>sa</i> | <i>sm</i> | | | |
| 2. | The scenarios consist mostly of related events. | <i>f</i> | <i>sa</i> | <i>sm</i> | | | |
| 3. | Each event description consists of <ul style="list-style-type: none"> • the point in the scenario when it is to be initiated • the malfunction(s) that are entered to initiate the event • the symptoms/cues that will be visible to the crew • the expected operator actions (by shift position) • the event termination point (if applicable) | <i>f</i> | <i>sa</i> | <i>sm</i> | | | |
| 4. | No more than one non-mechanistic failure (e.g., pipe break) is incorporated into the scenario without a credible preceding incident such as a seismic event. | <i>f</i> | <i>sa</i> | <i>sm</i> | | | |
| 5. | The events are valid with regard to physics and thermodynamics. | <i>f</i> | <i>sa</i> | <i>sm</i> | | | |
| 6. | Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives. | <i>f</i> | <i>sa</i> | <i>sm</i> | | | |
| 7. | If time compression techniques are used, the scenario summary clearly so indicates. Operators have sufficient time to carry out expected activities without undue time constraints. Cues are given. | <i>N/A</i> | <i>NA</i> | <i>N/A</i> | | | |
| 8. | The simulator modeling is not altered. | <i>f</i> | <i>sa</i> | <i>sm*</i> | | | |
| 9. | The scenarios have been validated. Pursuant to 10 CFR 55.46(d), any open simulator performance deficiencies or deviations from the referenced plant have been evaluated to ensure that functional fidelity is maintained while running the planned scenarios. | <i>f</i> | <i>sa</i> | <i>sm*</i> | | | |
| 10. | Every operator will be evaluated using at least one new or significantly modified scenario. All other scenarios have been altered in accordance with Section D.5 of ES-301. | <i>f</i> | <i>sa</i> | <i>sm</i> | | | |
| 11. | All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios). | <i>f</i> | <i>sa</i> | <i>sm</i> | | | |
| 12. | Each applicant will be significantly involved in the minimum number of transients and events specified on Form ES-301-5 (submit the form with the simulator scenarios). | <i>f</i> | <i>sa</i> | <i>sm</i> | | | |
| 13. | The level of difficulty is appropriate to support licensing decisions for each crew position. | <i>f</i> | <i>sa</i> | <i>sm</i> | | | |
| Target Quantitative Attributes (Per Scenario; See Section D.5.d) | | Actual Attributes | | - | - | - | |
| 1. | Total malfunctions (5-8) | 8 / 8 / | | <i>f</i> | <i>sa</i> | <i>sm</i> | |
| 2. | Malfunctions after EOP entry (1-2) | 3 / 2 / | | <i>f</i> | <i>sa</i> | <i>sm</i> | |
| 3. | Abnormal events (2-4) | 2 / 3 / | | <i>f</i> | <i>sa</i> | <i>sm</i> | |
| 4. | Major transients (1-2) | 1 / 1 / | | <i>f</i> | <i>sa</i> | <i>sm</i> | |
| 5. | EOPs entered/requiring substantive actions (1-2) | 2 / 1 / | | <i>f</i> | <i>sa</i> | <i>sm</i> | |
| 6. | EOP contingencies requiring substantive actions (0-2) | 1 / 1 / | | <i>f</i> | <i>sa</i> | <i>sm</i> | |
| 7. | Critical tasks (2-3) | 3 / 2 / | | <i>f</i> | <i>sa</i> | <i>sm</i> | |

* To be signed after validation

| Facility: <u>PRAIRIE ISLAND</u> | | Date of Exam: <u>8/15-8/17/05</u> | | Scenario Numbers: <u>11216</u> | | Operating Test No.: <u>2</u> | |
|--|--|-----------------------------------|-----------|--------------------------------|-----------|------------------------------|--|
| QUALITATIVE ATTRIBUTES | | | Initials | | | | |
| | | | a | b* | c# | | |
| 1. | The initial conditions are realistic, in that some equipment and/or instrumentation may be out of service, but it does not cue the operators into expected events. | <i>f</i> | <i>sn</i> | <i>sn</i> | | | |
| 2. | The scenarios consist mostly of related events. | <i>f</i> | <i>sn</i> | <i>sn</i> | | | |
| 3. | Each event description consists of <ul style="list-style-type: none"> the point in the scenario when it is to be initiated the malfunction(s) that are entered to initiate the event the symptoms/cues that will be visible to the crew the expected operator actions (by shift position) the event termination point (if applicable) | <i>f</i> | <i>sn</i> | <i>sn</i> | | | |
| 4. | No more than one non-mechanistic failure (e.g., pipe break) is incorporated into the scenario without a credible preceding incident such as a seismic event. | <i>f</i> | <i>sn</i> | <i>sn</i> | | | |
| 5. | The events are valid with regard to physics and thermodynamics. | <i>f</i> | <i>sn</i> | <i>sn</i> | | | |
| 6. | Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives. | <i>f</i> | <i>sn</i> | <i>sn</i> | | | |
| 7. | If time compression techniques are used, the scenario summary clearly so indicates. Operators have sufficient time to carry out expected activities without undue time constraints. Cues are given. | NA | NA | N/A | | | |
| 8. | The simulator modeling is not altered. | <i>f</i> | <i>sn</i> | <i>sn</i> | | | |
| 9. | The scenarios have been validated. Pursuant to 10 CFR 55.46(d), any open simulator performance deficiencies or deviations from the referenced plant have been evaluated to ensure that functional fidelity is maintained while running the planned scenarios. | <i>f</i> | <i>sn</i> | <i>sn</i> | | | |
| 10. | Every operator will be evaluated using at least one new or significantly modified scenario. All other scenarios have been altered in accordance with Section D.5 of ES-301. | <i>f</i> | <i>sn</i> | <i>sn</i> | | | |
| 11. | All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios). | <i>f</i> | <i>sn</i> | <i>sn</i> | | | |
| 12. | Each applicant will be significantly involved in the minimum number of transients and events specified on Form ES-301-5 (submit the form with the simulator scenarios). | <i>f</i> | <i>sn</i> | <i>sn</i> | | | |
| 13. | The level of difficulty is appropriate to support licensing decisions for each crew position. | <i>f</i> | <i>sn</i> | <i>sn</i> | | | |
| Target Quantitative Attributes (Per Scenario; See Section D.5.d) | | Actual Attributes | | -- | -- | -- | |
| 1. | Total malfunctions (5-8) | 8 / 8 / 8 | | <i>f</i> | <i>sn</i> | <i>sn</i> | |
| 2. | Malfunctions after EOP entry (1-2) | 3 / 3 / 2 | | <i>f</i> | <i>sn</i> | <i>sn</i> | |
| 3. | Abnormal events (2-4) | 2 / 2 / 3 | | <i>f</i> | <i>sn</i> | <i>sn</i> | |
| 4. | Major transients (1-2) | 1 / 2 / 1 | | <i>f</i> | <i>sn</i> | <i>sn</i> | |
| 5. | EOPs entered/requiring substantive actions (1-2) | 2 / 1 / 1 | | <i>f</i> | <i>sn</i> | <i>sn</i> | |
| 6. | EOP contingencies requiring substantive actions (0-2) | 1 / 1 / 1 | | <i>f</i> | <i>sn</i> | <i>sn</i> | |
| 7. | Critical tasks (2-3) | 3 / 2 / 2 | | <i>f</i> | <i>sn</i> | <i>sn</i> | |

| Facility: <u>PRAIRIE ISLAND</u> Date of Exam: <u>8/16 - 8/18/05</u> Scenario Numbers: <u>2171</u> Operating Test No.: <u>3</u> | | | | |
|--|--|-------------------|-----------|------------|
| QUALITATIVE ATTRIBUTES | | Initials | | |
| | | a | b* | c# |
| 1. | The initial conditions are realistic, in that some equipment and/or instrumentation may be out of service, but it does not cue the operators into expected events. | <i>J</i> | <i>Sn</i> | <i>Sm</i> |
| 2. | The scenarios consist mostly of related events. | <i>J</i> | <i>Sn</i> | <i>Sm</i> |
| 3. | Each event description consists of <ul style="list-style-type: none"> • the point in the scenario when it is to be initiated • the malfunction(s) that are entered to initiate the event • the symptoms/cues that will be visible to the crew • the expected operator actions (by shift position) • the event termination point (if applicable) | <i>J</i> | <i>Sn</i> | <i>Sm</i> |
| 4. | No more than one non-mechanistic failure (e.g., pipe break) is incorporated into the scenario without a credible preceding incident such as a seismic event. | <i>J</i> | <i>Sn</i> | <i>Sm</i> |
| 5. | The events are valid with regard to physics and thermodynamics. | <i>J</i> | <i>Sn</i> | <i>Sm</i> |
| 6. | Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives. | <i>J</i> | <i>Sn</i> | <i>Sm</i> |
| 7. | If time compression techniques are used, the scenario summary clearly so indicates. Operators have sufficient time to carry out expected activities without undue time constraints. Cues are given. | <i>N/A</i> | <i>NA</i> | <i>N/A</i> |
| 8. | The simulator modeling is not altered. | <i>J</i> | <i>Sn</i> | <i>Sm</i> |
| 9. | The scenarios have been validated. Pursuant to 10 CFR 55.46(d), any open simulator performance deficiencies or deviations from the referenced plant have been evaluated to ensure that functional fidelity is maintained while running the planned scenarios. | <i>J</i> | <i>Sn</i> | <i>Sm</i> |
| 10. | Every operator will be evaluated using at least one new or significantly modified scenario. All other scenarios have been altered in accordance with Section D.5 of ES-301. | <i>J</i> | <i>Sn</i> | <i>Sm</i> |
| 11. | All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios). | <i>J</i> | <i>Sn</i> | <i>Sm</i> |
| 12. | Each applicant will be significantly involved in the minimum number of transients and events specified on Form ES-301-5 (submit the form with the simulator scenarios). | <i>J</i> | <i>Sn</i> | <i>Sm</i> |
| 13. | The level of difficulty is appropriate to support licensing decisions for each crew position. | <i>J</i> | <i>Sn</i> | <i>Sm</i> |
| Target Quantitative Attributes (Per Scenario; See Section D.5.d) | | Actual Attributes | -- | -- |
| 1. | Total malfunctions (5-8) | <u>8 / 7 /</u> | <i>J</i> | <i>Sn</i> |
| 2. | Malfunctions after EOP entry (1-2) | <u>3 / 3 /</u> | <i>J</i> | <i>Sn</i> |
| 3. | Abnormal events (2-4) | <u>2 / 2 /</u> | <i>J</i> | <i>Sn</i> |
| 4. | Major transients (1-2) | <u>2 / 2 /</u> | <i>J</i> | <i>Sn</i> |
| 5. | EOPs entered/requiring substantive actions (1-2) | <u>1 / 1 /</u> | <i>J</i> | <i>Sn</i> |
| 6. | EOP contingencies requiring substantive actions (0-2) | <u>1 / 1 /</u> | <i>J</i> | <i>Sn</i> |
| 7. | Critical tasks (2-3) | <u>2 / 2 /</u> | <i>J</i> | <i>Sn</i> |

To be signed after validation

| Facility: PRAIRIE ISLAND | | Date of Exam: 8/15-8/17/05 | | Scenario Numbers: 1171 | | Operating Test No.: 4 | |
|---|--|-----------------------------------|-----------|-------------------------------|-----------|------------------------------|--|
| QUALITATIVE ATTRIBUTES | | | Initials | | | | |
| | | | a | b* | c# | | |
| 1. | The initial conditions are realistic, in that some equipment and/or instrumentation may be out of service, but it does not cue the operators into expected events. | <i>J</i> | <i>Er</i> | <i>Sm</i> | | | |
| 2. | The scenarios consist mostly of related events. | <i>J</i> | <i>Er</i> | <i>Sm</i> | | | |
| 3. | Each event description consists of <ul style="list-style-type: none"> the point in the scenario when it is to be initiated the malfunction(s) that are entered to initiate the event the symptoms/cues that will be visible to the crew the expected operator actions (by shift position) the event termination point (if applicable) | <i>J</i> | <i>Er</i> | <i>Sm</i> | | | |
| 4. | No more than one non-mechanistic failure (e.g., pipe break) is incorporated into the scenario without a credible preceding incident such as a seismic event. | <i>J</i> | <i>Er</i> | <i>Sm</i> | | | |
| 5. | The events are valid with regard to physics and thermodynamics. | <i>J</i> | <i>Er</i> | <i>Sm</i> | | | |
| 6. | Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives. | <i>J</i> | <i>Er</i> | <i>Sm</i> | | | |
| 7. | If time compression techniques are used, the scenario summary clearly so indicates. Operators have sufficient time to carry out expected activities without undue time constraints. Cues are given. | <i>N/A</i> | <i>NA</i> | <i>N/A</i> | | | |
| 8. | The simulator modeling is not altered. | <i>J</i> | <i>Er</i> | <i>Sm</i> | | | |
| 9. | The scenarios have been validated. Pursuant to 10 CFR 55.46(d), any open simulator performance deficiencies or deviations from the referenced plant have been evaluated to ensure that functional fidelity is maintained while running the planned scenarios. | <i>J</i> | <i>Er</i> | <i>Sm</i> | | | |
| 10. | Every operator will be evaluated using at least one new or significantly modified scenario. All other scenarios have been altered in accordance with Section D.5 of ES-301. | <i>J</i> | <i>Er</i> | <i>Sm</i> | | | |
| 11. | All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios). | <i>J</i> | <i>Er</i> | <i>Sm</i> | | | |
| 12. | Each applicant will be significantly involved in the minimum number of transients and events specified on Form ES-301-5 (submit the form with the simulator scenarios). | <i>J</i> | <i>Er</i> | <i>Sm</i> | | | |
| 13. | The level of difficulty is appropriate to support licensing decisions for each crew position. | <i>J</i> | <i>Er</i> | <i>Sm</i> | | | |
| Target Quantitative Attributes (Per Scenario; See Section D.5.d) | | Actual Attributes | | -- | -- | -- | |
| 1. | Total malfunctions (5-8) | 8 / 7 / | | <i>J</i> | <i>Er</i> | <i>Sm</i> | |
| 2. | Malfunctions after EOP entry (1-2) | 3 / 3 / | | <i>J</i> | <i>Er</i> | <i>Sm</i> | |
| 3. | Abnormal events (2-4) | 2 / 2 / | | <i>J</i> | <i>Er</i> | <i>Sm</i> | |
| 4. | Major transients (1-2) | 1 / 2 / | | <i>J</i> | <i>Er</i> | <i>Sm</i> | |
| 5. | EOPs entered/requiring substantive actions (1-2) | 2 / 1 / | | <i>J</i> | <i>Er</i> | <i>Sm</i> | |
| 6. | EOP contingencies requiring substantive actions (0-2) | 1 / 1 / | | <i>J</i> | <i>Er</i> | <i>Sm</i> | |
| 7. | Critical tasks (2-3) | 3 / 2 / | | <i>J</i> | <i>Er</i> | <i>Sm</i> | |

* To be signed after validation

| Facility: <u>PIRAIE ISLAND</u> | | Date of Exam: <u>8/15/05</u> | | Operating Test No.: <u>1</u> | | | | | | | | | | | | | |
|---|---|------------------------------|-------------|------------------------------|--------------------|-------------|-------------|------------------|-------------|-------------|------------------|-------------|-------------|-----------------------|--|---|---|
| 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 <u>2005-1</u> | | | 2 <u>2005-6</u> | | | 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 checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/> | RX | | 2 | | | | | | | | | | | 1 | 1 | 1 | 0 |
| | NOR | | | | | | | | | | | | | 0 | 1 | 1 | 1 |
| | I/C | | 1.4 | | | | 3.4.5 | | | | | | | 5 | 4 | 4 | 2 |
| | MAJ | | 5 | | | | 6 | | | | | | | 2 | 2 | 2 | 1 |
| | TS | | | | | | | | | | | | | N/A | 0 | 2 | 2 |
| RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/> | RX | | | | | 1 | | | | | | | | 1 | 1 | 1 | 0 |
| | NOR | | | | | | | | | | | | | 0 | 1 | 1 | 1 |
| | I/C | | | 2.3.4 | | 2.3.5 | | | | | | | | 6 | 4 | 4 | 2 |
| | MAJ | | | 5 | | 6 | | | | | | | | 2 | 2 | 2 | 1 |
| | TS | | | | | | | | | | | | | N/A | 0 | 2 | 2 |
| RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input checked="" type="checkbox"/> | RX | 2 | | | | 1 | | | | | | | | 2 | 1 | 1 | 0 |
| | NOR | | | | | | | | | | | | | 0 | 1 | 1 | 1 |
| | I/C | 2.3.4 | | | | 2.3.4.5 | | | | | | | | 7 | 4 | 4 | 2 |
| | MAJ | 5 | | | | 6 | | | | | | | | 2 | 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:

- 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 must do one scenario, including at least two instrument or component (I/C) malfunctions and one major transient, in the ATC position.
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- 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.

| Facility: <u>PRAIRIE ISLAND</u> | | Date of Exam: <u>8/16/05</u> | | Operating Test No.: <u>2</u> | | | | | | | | | | | | | |
|--|---|------------------------------|-------------|------------------------------|------------------|-------------|-------------|------------------|-------------|-------------|------------------|-------------|-------------|-----------------------|--|---|---|
| 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 2005-1 | | | 2 2005-2 | | | 3 2005-6 | | | 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"/> | RX | | | | 4 | | | | 1 | | | | | 2 | 1 | 1 | 0 |
| SRO-I <input checked="" type="checkbox"/> | NOR | | | | 1 | | | | | | | | | 1 | 1 | 1 | 1 |
| SRO-U <input checked="" type="checkbox"/> | I/C | | | 23.4 | 23.4 | | | | 23.5 | | | | | 9 | 4 | 4 | 2 |
| | MAJ | | | 5 | 5.9 | | | | 6 | | | | | 4 | 2 | 2 | 1 |
| | TS | | | | 2.3 | | | | | | | | | 2 | 0 | 2 | 2 |
| RO <input type="checkbox"/> | RX | 2 | | | | | | | | | | | | 1 | 1 | 1 | 0 |
| SRO-I <input checked="" type="checkbox"/> | NOR | | | | | 1 | | | | | | | | 1 | 1 | 1 | 1 |
| SRO-U <input checked="" type="checkbox"/> | I/C | 23.4 | | | | 2.4 | | | 3.4.5 | | | | | 8 | 4 | 4 | 2 |
| | MAJ | 5 | | | | 5.9 | | | 6 | | | | | 4 | 2 | 2 | 1 |
| | TS | 1.3 | | | | | | | | | | | | 2 | 0 | 2 | 2 |
| RO <input type="checkbox"/> | RX | | 2 | | | | | 1 | | | | | | 2 | 1 | 1 | 0 |
| SRO-I <input checked="" type="checkbox"/> | NOR | | | | | | | | | | | | | 0 | 1 | 1 | 1 |
| SRO-U <input checked="" type="checkbox"/> | I/C | | 1.4 | | | 3.4.6 | 2245 | | | | | | | 9 | 4 | 4 | 2 |
| | MAJ | | 5 | | | 5.9 | 6 | | | | | | | 4 | 2 | 2 | 1 |
| | TS | | | | | | 4.5 | | | | | | | 2 | 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 |
| | 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 must do one scenario, including at least two instrument or component (I/C) malfunctions and one major transient, in the ATC position.
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- 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.

| Facility: <u>PRairie Island</u> | | Date of Exam: <u>8/17/05</u> | | Operating Test No.: <u>3</u> | | | | | | | | | | | | | |
|---|---|------------------------------|-------------|------------------------------|---------------|-------------|-------------|---------------|-------------|-------------|---------------|-------------|-------------|-----------------------|--|---|---|
| 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 | | | | | | |
| | | 2005-2 | | | 2005-7 | | | | | | | | | | | | |
| | | 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 checked="" type="checkbox"/> | RX | | | | | | | | | | | | | 0 | 1 | 1 | 0 |
| SRO-I <input type="checkbox"/> | NOR | | 1 | | | | | | | | | | | 1 | 1 | 1 | 1 |
| SRO-U <input type="checkbox"/> | I/C | | 2.4 | | | 2.3.4 | | | | | | | | 5 | 4 | 4 | 2 |
| | MAJ | | 5.9 | | | 5.7 | | | | | | | | 4 | 2 | 2 | 1 |
| | TS | | | | | | | | | | | | | N/A | 0 | 2 | 2 |
| RO <input checked="" type="checkbox"/> | RX | | | | 1 | | | | | | | | | 1 | 1 | 1 | 0 |
| SRO-I <input type="checkbox"/> | NOR | | | | | | | | | | | | | 0 | 1 | 1 | 1 |
| SRO-U <input type="checkbox"/> | I/C | | 3.4.6 | | 3.4 | | | | | | | | | 5 | 4 | 4 | 2 |
| | MAJ | | 5.9 | | 5.7 | | | | | | | | | 4 | 2 | 2 | 1 |
| | TS | | | | | | | | | | | | | N/A | 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 |
| | TS | | | | | | | | | | | | | | 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 |
| | 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 must do one scenario, including at least two instrument or component (I/C) malfunctions and one major transient, in 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 1-for-1 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.

| Facility: <u>PRairie Island</u> | | Date of Exam: <u>8/18/05</u> | | Operating Test No.: <u>4</u> | | | | | | | | | | | | | |
|---|---|------------------------------|-------------|------------------------------|--------------------|-------------|-------------|---------------|-------------|-------------|---------------|-------------|-------------|-----------------------|--|---|---|
| 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 <u>2005-1</u> | | | 2 <u>2005-7</u> | | | 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 checked="" type="checkbox"/> | RX | | 2 | | | | | | | | | | | 1 | 1 | 1 | 0 |
| SRO-I <input type="checkbox"/> | NOR | | | | | | | | | | | | | 0 | 1 | 1 | 1 |
| SRO-U <input type="checkbox"/> | I/C | | 1.4 | | | 2.3.4 | | | | | | | | 5 | 4 | 4 | 2 |
| | MAJ | | 5 | | | 5.7 | | | | | | | | 3 | 2 | 2 | 1 |
| | TS | | | | | | | | | | | | | N/A | 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 |
| | TS | | | | | | | | | | | | | | 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 |
| | TS | | | | | | | | | | | | | | 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 |
| | TS | | | | | | | | | | | | | | 0 | 2 | 2 |

Instructions:

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- 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 1-for-1 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.

| Facility: <u>PRARIE ISLAND</u> | | Date of Examination: <u>8/15/05</u> | | Operating Test No.: <u>1</u> | | | | | | | | | | | | |
|--|--|-------------------------------------|---|------------------------------|--|-------------|---|---|--|---------------------|---|---|---|---|---|---|
| Competencies | APPLICANTS | | | | | | | | | | | | | | | |
| | RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/> | | | | RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/> | | | | RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input checked="" type="checkbox"/> | | | | RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/> | | | |
| | SCENARIO | | | | SCENARIO | | | | SCENARIO | | | | SCENARIO | | | |
| | Ro 1 | SOP 2 | 3 | 4 | SOP 1 | Ro 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| Interpret/Diagnose Events and Conditions | 1,2, 5 | 2,3, 5,6 | | | 2,3, 4,5 | 1,2, 5,6 | | | 1,2, 3,4,5,6 | 2,3 | | | | | | |
| Comply With and Use Procedures (1) | 1 | 2,3, 4,5, 6 | | | 2,3, 4,5 | 1,2, 3,6 | | | 1,2, 3,5 | 1,2, 3,4, 5,6 | | | | | | |
| Operate Control Boards (2) | 2,4, 5 | 2,3, 6 | | | 2,3, 4,5 | 1,2, 5,6 | | | N/A | N/A | | | | | | |
| Communicate and Interact | 1,2, 5 | 2,3, 4,5,6 | | | 2,3, 5 | 1,2 | | | 1,2, 3,4, 5,6 | 1,2, 3,4, 5,6 | | | | | | |
| Demonstrate Supervisory Ability (3) | N/A | N/A | | | N/A | N/A | | | 1,2, 3,4, 5,6 | 1,2, 3,4, 5,6 | | | | | | |
| Comply With and Use Tech. Specs. (3) | N/A | N/A | | | N/A | N/A | | | 1,3 | 4,5 | | | | | | |
| 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.

| Facility: <u>PRAIRIE ISLAND</u> Date of Examination: <u>8/16/05</u> Operating Test No.: <u>2</u> | | | | | | | | | | | | | | | | |
|--|--|------------------------|---------------|---|--|---------------------|---------------------|---|--|---------------------|------------------------|---|---|---|---|---|
| Competencies | APPLICANTS | | | | | | | | | | | | | | | |
| | RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/> | | | | RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/> | | | | RO <input type="checkbox"/> SRO-I <input checked="" 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 |
| Interpret/Diagnose Events and Conditions | 2, 3, 4, 5 | 2, 3, 4, 5, 7 | 1, 2, 5, 6 | | 1, 2, 3, 4, 5 | 1, 4, 5, 7 | 2, 3, 5, 6 | | 1, 2, 5 | 2, 3, 4, 5, 7 | 2, 3, 5, 6 | | | | | |
| Comply With and Use Procedures (1) | 2, 3, 4, 5 | 1, 2, 3, 4, 5, 7 | 1, 2, 3, 6 | | 1, 2, 3, 5 | 1, 2, 4, 5 | 2, 3, 4, 5, 6 | | 1 | 2, 3, 4, 5 | 1, 2, 3, 4, 5, 6 | | | | | |
| Operate Control Boards (2) | 2, 3, 4, 5 | N/A | 1, 2, 5, 6 | | N/A | 1, 5, 7 | 2, 3, 6 | | 2, 4, 5 | 2, 3, 5, 7 | N/A | | | | | |
| Communicate and Interact | 2, 3, 5 | 1, 2, 3, 4, 5, 7 | 1, 2 | | 1, 2, 3, 4, 5 | 1, 2, 4, 5, 7 | 2, 3, 4, 5, 6 | | 1, 2, 5 | 2, 3, 4, 5, 7 | 1, 2, 3, 4, 5, 6 | | | | | |
| Demonstrate Supervisory Ability (3) | N/A | 1, 2, 3, 4, 5, 7 | N/A | | 1, 2, 3, 4, 5 | N/A | N/A | | N/A | N/A | 1, 2, 3, 4, 5, 6 | | | | | |
| Comply With and Use Tech. Specs. (3) | N/A | 2, 3, 4 | N/A | | 1, 3 | N/A | N/A | | N/A | N/A | 4, 5 | | | | | |
| 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.

| Facility: <u>PRAIRIE ISLAND</u> | | Date of Examination: <u>8/17/05</u> | | Operating Test No.: <u>3</u> | | | | | | | | | | | | |
|--|--|-------------------------------------|---|------------------------------|--|---------------------|---|---|---|---|---|---|---|---|---|---|
| Competencies | APPLICANTS | | | | | | | | | | | | | | | |
| | RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/> | | | | RO <input checked="" 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"/> | | | | RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/> | | | |
| | SCENARIO | | | | SCENARIO | | | | SCENARIO | | | | SCENARIO | | | |
| | Atc 1 | BOP 2 | 3 | 4 | BOP 1 | Atc 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| Interpret/Diagnose Events and Conditions | 2, 4, 5 | 2, 3, 4, 5, 7 | | | 4, 5 | 1, 4, 5, 7 | | | | | | | | | | |
| Comply With and Use Procedures (1) | 1, 2, 4, 5 | 2, 3, 4, 5 | | | 2, 3, 4, 5 | 1, 2, 4, 5 | | | | | | | | | | |
| Operate Control Boards (2) | 1, 2, 4, 5 | 2, 3, 5, 7 | | | 3, 4, 5, 9 | 1, 5, 7 | | | | | | | | | | |
| Communicate and Interact | 1, 2, 4, 5 | 2, 3, 4, 5, 7 | | | 2, 3, 4, 5, 9 | 1, 2, 4, 5, 7 | | | | | | | | | | |
| Demonstrate Supervisory Ability (3) | N/A | N/A | | | N/A | N/A | | | | | | | | | | |
| Comply With and Use Tech. Specs. (3) | N/A | N/A | | | N/A | N/A | | | | | | | | | | |
| 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.

| | | | | | | | | | | | | | | | | |
|--|--|-------------------------------------|---|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| Facility: <u>PRAIRIE ISLAND</u> | | Date of Examination: <u>8/18/05</u> | | Operating Test No.: <u>4</u> | | | | | | | | | | | | |
| Competencies | APPLICANTS | | | | | | | | | | | | | | | |
| | RO <input checked="" 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"/> | | | | 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 |
| Interpret/Diagnose Events and Conditions | 1, 2, 5 | 2, 3, 4, 5, 7 | | | | | | | | | | | | | | |
| Comply With and Use Procedures (1) | 1 | 2, 3, 4, 5 | | | | | | | | | | | | | | |
| Operate Control Boards (2) | 2, 4, 5 | 2, 3, 5, 7 | | | | | | | | | | | | | | |
| Communicate and Interact | 1, 2, 5 | 2, 3, 4, 5, 7 | | | | | | | | | | | | | | |
| Demonstrate Supervisory Ability (3) | N/A | N/A | | | | | | | | | | | | | | |
| Comply With and Use Tech. Specs. (3) | N/A | N/A | | | | | | | | | | | | | | |
| 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.

2005 INITIAL LICENSE EXAM - PRAIRIE ISLAND

ES-201

Examination Security Agreement

Form ES-201-3

1. Pre-Examination

8/8/05 and 8/15/05

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of ~~8-1-05~~ as of the date of my signature. I agree that I will not knowingly divulge any information about these examinations to any persons who have not been authorized by the NRC chief examiner. I understand that I am not to instruct, evaluate, or provide performance feedback to those applicants scheduled to be administered these licensing examinations from this date until completion of examination administration, except as specifically noted below and authorized by the NRC (e.g., acting as a simulator booth operator or communicator is acceptable if the individual does not select the training content or provide direct or indirect feedback). Furthermore, I am aware of the physical security measures and requirements (as documented in the facility licensee's procedures) and understand that violation of the conditions of this agreement may result in cancellation of the examinations and/or an enforcement action against me or the facility licensee. I will immediately report to facility management or the NRC chief examiner any indications or suggestions that examination security may have been compromised.

2. Post-Examination

To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the NRC licensing examinations administered during the week(s) of ~~8/8-8/15/05~~ From the date that I entered into this security agreement until the completion of examination administration, I did not instruct, evaluate, or provide performance feedback to those applicants who were administered these licensing examinations, except as specifically noted below and authorized by the NRC.

| PRINTED NAME | JOB TITLE / RESPONSIBILITY | SIGNATURE (1) | DATE | SIGNATURE (2) | DATE | NOTE |
|----------------------|--------------------------------|--------------------|---------|--------------------|---------|------|
| 1. JOHN KEMPKE | SHIFT SUPERVISOR / EXAM AUTHOR | <i>[Signature]</i> | 1-10-05 | <i>[Signature]</i> | 8/22/05 | |
| 2. Scott Whitman | Simulator Engineer | <i>[Signature]</i> | 1-10-05 | <i>[Signature]</i> | 8/22/05 | |
| 3. Mike GARDZINSKI | Simulator Testing | <i>[Signature]</i> | 1/10/05 | <i>[Signature]</i> | 8/22/05 | |
| 4. Jeff Gehlhar | Simulator Engr | <i>[Signature]</i> | 1/10/05 | <i>[Signature]</i> | 8/22/05 | |
| 5. TRAVIS OURET | INSTRUCTOR / EXAM AUTHOR | <i>[Signature]</i> | 1/10/05 | <i>[Signature]</i> | 8/22/05 | |
| 6. BILL MAXHAM | OPSTNG SUPV / EXAM AUTHOR | <i>[Signature]</i> | 1/11/05 | <i>[Signature]</i> | 8/22/05 | |
| 7. KAREN CAULSON | ADMINISTRATIVE ASSISTANT | <i>[Signature]</i> | 1-11-05 | <i>[Signature]</i> | 8-22-05 | |
| 8. James D. Lash | Training Manager | <i>[Signature]</i> | 3-23-05 | <i>[Signature]</i> | 8-22-05 | |
| 9. Joel P. Sorensen | VP - Training | <i>[Signature]</i> | 4-27-05 | <i>[Signature]</i> | 8-24-05 | |
| 10. Tyler Greenfield | WCC SRO | <i>[Signature]</i> | 4-28-05 | <i>[Signature]</i> | 8-25-05 | |
| 11. BILL KAPPE | NDS ASSESSOR | <i>[Signature]</i> | 4-29-05 | <i>[Signature]</i> | 8-23-05 | |
| 12. Joseph Gorman | RO | <i>[Signature]</i> | 5-7-05 | <i>[Signature]</i> | 9-1-05 | |
| 13. MARK SMUTNY | SRO | <i>[Signature]</i> | 5-5-05 | <i>[Signature]</i> | 8-29-05 | |
| 14. Steve Ingalls | Shift Supervisor | <i>[Signature]</i> | 5-5-05 | <i>[Signature]</i> | 9-16-05 | |
| 15. Kevin Rhody | RO | <i>[Signature]</i> | 5-6-05 | <i>[Signature]</i> | 9/22/05 | |

NOTES:

1. Pre-Examination

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| | PRINTED NAME | JOB TITLE / RESPONSIBILITY | SIGNATURE (1) | DATE | SIGNATURE (2) | DATE | NOTE |
|-----|-----------------|----------------------------|------------------------|---------|---------------------------------|---------|------|
| 1. | ROSS E. CADWELL | PIPEFITTER SERVICE | <i>Ross E. Cadwell</i> | 5-26-05 | <i>Ross E. Cadwell</i> | 8-30-05 | |
| 2. | Aaron Larson | Pipefitter Service | <i>Aaron Larson</i> | 5-26-05 | <i>Aaron Larson</i> | PER | |
| 3. | | | | | <i>TELCON from Ross 8/30/05</i> | | |
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| | PRINTED NAME | JOB TITLE / RESPONSIBILITY | SIGNATURE (1) | DATE | SIGNATURE (2) | DATE | NOTE |
|-----|--------------|----------------------------|---------------------|---------|---------------------|---------|------|
| 1. | Robert Ammon | ERCS Software Engineer | <i>Robert Ammon</i> | 7/11/05 | <i>Robert Ammon</i> | 8/19/05 | |
| 2. | Bryan Bluske | SR. Engineering Analyst | <i>Bryan Bluske</i> | 7/11/05 | <i>Bryan Bluske</i> | 8/30/05 | |
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| | PRINTED NAME | JOB TITLE / RESPONSIBILITY | SIGNATURE (1) | DATE | SIGNATURE (2) | DATE | NOTE |
|-----|-------------------|----------------------------|--------------------|----------------|--------------------|----------------|------|
| 1. | <u>G. Thullen</u> | <u>ORAC OR Instructor</u> | <u>[Signature]</u> | <u>5/19/05</u> | <u>[Signature]</u> | <u>8/23/05</u> | |
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| PRINTED NAME | JOB TITLE / RESPONSIBILITY | SIGNATURE (1) | DATE | SIGNATURE (2) | DATE NOTE |
|------------------------|-----------------------------------|----------------------------|---------|----------------------------|-----------|
| 1. Darrell Hensley | Sr. Nuc. Instr. / Peer Reviews | <i>Darrell Hensley</i> | 6/6/05 | <i>Darrell Hensley</i> | 8/29/05 |
| 2. Richard G. Gorman | Site Director / Insp. Person | <i>Richard G. Gorman</i> | 6/6/05 | <i>Richard G. Gorman</i> | 8/29/05 |
| 3. Dirk R. Cedergren | Instructor / Regional Coordinator | <i>Dirk R. Cedergren</i> | 7/26/05 | <i>Dirk Cedergren</i> | 8/22/05 |
| 4. Wayne Irvin | Shift Manager | <i>Wayne Irvin</i> | 8-9-05 | <i>Wayne Irvin</i> | 8-22-05 |
| 5. Marshik Song | Sim Engineer | <i>Marshik Song</i> | 8/12/05 | <i>Marshik Song</i> | 8/12/05 |
| 6. Timothy J. Johansen | Instructor | <i>Timothy J. Johansen</i> | 8/15/05 | <i>Timothy J. Johansen</i> | 8/18/05 |
| 7. Mark A. Jones | Sr. Instructor | <i>Mark A. Jones</i> | 8/15/05 | <i>Mark A. Jones</i> | 8/22/05 |
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NOTES:

ES-201

Examination Security Agreement

Form ES-201-3

1. Pre-Examination

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|-----|---------------|----------------------------|---------------|---------|--|---------|------|
| 1. | SCOTT DEPREST | DTPS / Reviewer-Exelon | SCOTT DEPREST | 8/16/05 | SCOTT DEPREST per Tebxon Wagonathan | 8/25/05 | |
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| PRINTED NAME | JOB TITLE / RESPONSIBILITY | SIGNATURE (1) | DATE | SIGNATURE (2) | DATE NOTE |
|-----------------------|----------------------------|---------------------------|---------|---------------------------|-----------|
| 1. DEAN SIMONSON | RO | <i>Dean Simonson</i> | 5-18-05 | <i>Dean Simonson</i> | 8-25-05 |
| 2. JEFF BAARTMAN | SS | <i>Jeff Baartman</i> | 5-16-05 | <i>Jeff Baartman</i> | 8/25/05 |
| 3. MICHAEL J. HELLAND | RO | <i>Michael J. Helland</i> | 5-24-05 | <i>Michael J. Helland</i> | 8-23-05 |
| 4. Richard A. Meyer | RO | <i>Richard A. Meyer</i> | 5-24-05 | <i>Richard A. Meyer</i> | 8-23-05 |
| 5. William Schaller | LRO | <i>W Schaller</i> | 5-24-05 | <i>W Schaller</i> | 9/1/05 |
| 6. Mark Jenkin | LRO | <i>Mark Jenkin</i> | 5-24-05 | <i>Mark Jenkin</i> | 9/1/05 |
| 7. Kevin Jensen | LRO | <i>Kevin Jensen</i> | 5/24/05 | <i>Kevin Jensen</i> | 8/25/05 |
| 8. Paul Finholm | LRO | <i>Paul Finholm</i> | 5/24/05 | <i>Paul Finholm</i> | 8-25-05 |
| 9. Jue Julian | RO | <i>Jue Julian</i> | 5/24/05 | <i>Jue Julian</i> | 8/22/05 |
| 10. Stu Page | RO | <i>Stu Page</i> | 5/24/05 | <i>Stu Page</i> | 8/22/05 |
| 11. EW HEDGEMAN | LRO | <i>EW Hedgeman</i> | 7/12/05 | <i>EW Hedgeman</i> | 7/22/05 |
| 12. Dale E Johnson | SS | <i>Dale E Johnson</i> | 7-12-05 | <i>Dale E Johnson</i> | 8-23-05 |
| 13. TERRY BAUER | GIST | <i>Terry Bauer</i> | 7-12-05 | <i>Terry Bauer</i> | 8/22/05 |
| 14. Dave Webb | LRO | <i>David M. Webb</i> | 7-12-05 | <i>David M. Webb</i> | 8/23/05 |
| 15. Brian Berkman | LRO | <i>Brian Berkman</i> | 7-15-05 | <i>Brian Berkman</i> | 8/25/05 |

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|------------------------------|----------------------------|--------------------------|----------------|--------------------------|----------------|
| 1. <u>RICHARD ALLEN</u> | <u>COMPUTER ENGINEER</u> | <u>Richard Allen</u> | <u>3/8/05</u> | <u>Richard Allen</u> | <u>8/19/05</u> |
| 2. <u>Len Lisson</u> | <u>Comp Eng Supervisor</u> | <u>Len Lisson</u> | <u>3/8/05</u> | <u>Len Lisson</u> | <u>8/30/05</u> |
| 3. <u>Stephen Seithymer</u> | <u>Shift Supervisor</u> | <u>Stephen Seithymer</u> | <u>3-11-05</u> | <u>Stephen Seithymer</u> | <u>9-4-05</u> |
| 4. <u>Mark D Born</u> | <u>I & C</u> | <u>Mark D Born</u> | <u>3/30/05</u> | <u>Mark D Born</u> | <u>8/31/05</u> |
| 5. <u>Richard M. Martin</u> | <u>Reactor Operator</u> | <u>Richard M. Martin</u> | <u>5-6-05</u> | <u>Richard M. Martin</u> | <u>8-25-05</u> |
| 6. <u>Mark A. Haren</u> | <u>Reactor Operator</u> | <u>Mark A. Haren</u> | <u>5-6-05</u> | <u>Mark A. Haren</u> | <u>9-6-05</u> |
| 7. <u>JOHN M. EDWARDS</u> | <u>REACTOR OPERATOR</u> | <u>John M. Edwards</u> | <u>5/6/05</u> | <u>John M. Edwards</u> | <u>9/6/05</u> |
| 8. <u>Scott A. Rogers</u> | <u>Shift Supervisor</u> | <u>Scott A. Rogers</u> | <u>5-10-05</u> | <u>Scott A. Rogers</u> | <u>9-15-05</u> |
| 9. <u>Steven E. Schmidt</u> | <u>Shift Manager</u> | <u>Steven E. Schmidt</u> | <u>5/6/05</u> | <u>Steven E. Schmidt</u> | <u>8-22-05</u> |
| 10. <u>Timothy C. Hendel</u> | <u>Shift Supervisor</u> | <u>Timothy C. Hendel</u> | <u>9/15/05</u> | <u>Timothy C. Hendel</u> | <u>8-22-05</u> |
| 11. <u>Brent Seeley</u> | <u>LRO</u> | <u>Brent Seeley</u> | <u>7-15-05</u> | <u>Brent Seeley</u> | <u>8-22-05</u> |
| 12. <u>THOMAS HOLT</u> | <u>INSTRUCTOR</u> | <u>Thomas Holt</u> | <u>8-16-05</u> | <u>Thomas Holt</u> | <u>8-22-05</u> |
| 13. <u>T.</u> | | | | | |
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NOTES:

| Tier / Group | Randomly Selected K/A | Reason for Rejection |
|--------------|-----------------------|---|
| RO 1/1 | 022 2.4.50 | #6 Cannot write an Emergency Plan K/A against this EAPE. Replaced with examiner concurrence with 027 2.1.20. |
| RO 1/1 | 056 AA2.42 | #11 Unable to write an acceptable question on this K/A. Randomly replaced with 056 AA2.17. |
| RO 1/1 | E04 EA2.1 | #15 SRO-only K/A as involves selection of procedures, not appropriate for RO exam. Randomly replaced with E04 EA1.1. |
| RO 1/2 | 003 AK3.07 | #20 PI procedurally is not allowed to operate with a dropped rod, so unable to write a TS question on this operation. Randomly replaced with 067 AK3.04 as no K3 level K/A's could be used for this APE. |
| RO 1/2 | 068 AA2.01 | #22 PI CR evacuation places SRO's in locations where SG level is determined and acted upon. Randomly replaced with 068 AA2.07. |
| RO 2/1 | 007 K5.02 | #33 Unable to write question on this K/A due to plant method of drawing a pressurizer bubble. K/A previously rejected on 2004 exam. Randomly replaced with 013 K5.02 as no other 007 K5's are above 2.5. |
| RO 2/1 | 026 A3.02 | #40 Equipment not installed at PI, replaced with 039 A3.02 (randomly selected system as no other A3 K/A available for system 026) |
| RO 2/1 | 073 K3.01 | #50 Radiation effluent releases for PRM already part of NRC JPM exam and similar to other questions (i.e. 068 K6.10) on NRC and audit. No other 073 K3 K/A's exist. First randomly replaced 073 K3.01 with 078 K3.03. This resulted in no 073 system selected, so replaced duplicate selected system K/A 063 A4.03 with 073 A4.03. |
| RO 2/1 | 063 A4.03 | Replaced with 073 A4.03 per above. |
| RO 2/1 | 078 2.2.25 | #53 Instrument air not TS related equipment at PI, replaced with 059 2.2.12 (randomly selected system as no other G 2.2 K/A's available for system 078). |
| RO 2/1 | 103 A2.05 | #55 Emergency Containment Entry JPM is part of audit exam, unable to write question that is not repetitive. Replaced with 007 A3.01 as 103 A2.04 is already selected and system 007 was only 2/1 system not already selected. A3.01 selected with A3 category chosen as only A3 K/A and Tier 2 only had 2 A3's previously selected. |
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| SRO 1/1 | 027 AA2.10 | #77 Two 027 EAPE K/As randomly selected initially, this one replaced as similar to audit scenario malfunction. Randomly replaced with 038 EA2.02. |
| SRO 1/1 | 057 AA2.18 | #81 Cannot write SRO level question on this K/A. Randomly replaced with 005 AA2.01. |
| SRO 1/2 | 024 AA2.04 | #82 Cannot write SRO level question on this K/A. Randomly replaced with 069 AA2.01. |
| SRO 1/2 | 060 AA2.03 | #84 Cannot write SRO level question on this K/A. Randomly replaced with 037 2.1.2. |
| SRO 2/1 | 004 A2.19 | #86 Unable to write an acceptable SRO level question on this K/A. Randomly replaced with 004 A2.06. |
| SRO 2/2 | 011 A2.04 | #91 WD program did not include Fuel Handling System 34 K/A's as required by Rev 9. Per discussion with Chief Examiner on 1/19/05, randomly replaced one Tier 2/Gp 2 SRO System with randomly selected fuel handling system K/A 034 A2.02. A satisfactory question could not be written on this K/A due to limited exposure/training of plant SRO's on cask handling. Substituted 034 A2.03 as A2.01 only other choice and it was too similar to #8. |
| SRO G | 2.4.34 | #100 Cannot write SRO level question on an RO task K/A. Randomly replaced with 2.4.1. |

| Facility: <u>PRAIRIE ISLAND</u> | | Date of Exam: <u>8-19-05</u> | | Exam Level: RO <input checked="" type="checkbox"/> SRO <input checked="" type="checkbox"/> | | |
|--|--|------------------------------|---------------------------|--|-----------|-----------|
| Item Description | | | | Initial | | |
| | | | | a | b* | c* |
| 1. | Questions and answers are technically accurate and applicable to the facility. | | | <i>J</i> | <i>sa</i> | <i>sm</i> |
| 2. | a. NRC K/As are referenced for all questions. b. Facility learning objectives are referenced as available. | | | <i>J</i> | <i>sa</i> | <i>sm</i> |
| 3. | SRO questions are appropriate in accordance with Section D.2.d of ES-401 | | | <i>J</i> | <i>sa</i> | <i>sm</i> |
| 4. | The sampling process was random and systematic (If more than 4 RO or 2 SRO questions were repeated from the last 2 NRC licensing exams, consult the NRR OL program office). | | | | | <i>sm</i> |
| 5. | Question duplication from the license screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate: <input checked="" type="checkbox"/> the audit exam was systematically and randomly developed; or <input type="checkbox"/> the audit exam was completed before the license exam was started; or <input type="checkbox"/> the examinations were developed independently; or <input type="checkbox"/> the licensee certifies that there is no duplication; or <input type="checkbox"/> other (explain) | | | <i>J</i> | <i>sa</i> | <i>sm</i> |
| 6. | Bank use meets limits (no more than 75 percent from the bank, at least 10 percent new, and the rest new or modified); enter the actual RO / SRO-only question distribution(s) at right. | Bank <u>15 / 5</u> | Modified <u>22 / 3</u> | New <u>38 / 17</u> | <i>J</i> | <i>sa</i> |
| 7. | Between 50 and 60 percent of the questions on the RO exam are written at the comprehension/ analysis level; the SRO exam may exceed 60 percent if the randomly selected K/As support the higher cognitive levels; enter the actual RO / SRO question distribution(s) at right. | Memory <u>35 / 11</u> | C/A <u>40 / 14</u> | | <i>J</i> | <i>sa</i> |
| 8. | References/handouts provided do not give away answers or aid in the elimination of distractors. | | | <i>J</i> | <i>sa</i> | <i>sm</i> |
| 9. | Question content conforms with specific K/A statements in the previously approved examination outline and is appropriate for the tier to which they are assigned; deviations are justified. | | | <i>J</i> | <i>sa</i> | <i>sm</i> |
| 10. | Question psychometric quality and format meet the guidelines in ES Appendix B. | | | <i>J</i> | <i>sa</i> | <i>sm</i> |
| 11. | The exam contains the required number of one-point, multiple choice items; the total is correct and agrees with the value on the cover sheet. | | | <i>J</i> | <i>sa</i> | <i>sm</i> |
| Printed Name / Signature a. Author <u>JOHN KEMPICKES</u> b. Facility Reviewer (*) <u>Stephen Seithymer</u> c. NRC Chief Examiner (#) <u>DELL R. McNEELY / DELL R. McNEELY</u> d. NRC Regional Supervisor <u>up Hirokari Pedersen</u> | | | | Date a. Author <u>5-26-05</u> b. Facility Reviewer (*) <u>6-2-05</u> c. NRC Chief Examiner (#) <u>6/22/05</u> d. NRC Regional Supervisor <u>8/4/05</u> | | |
| Note: * The facility reviewer's initials/signature are not applicable for NRC-developed examinations. # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required. | | | | | | |

| Facility: <u>Prairie Island</u> | | Date of Exam: <u>8/19/05</u> | | Exam Level: RO <input checked="" type="checkbox"/> SRO <input checked="" type="checkbox"/> | |
|---|---|------------------------------|------------|--|--|
| Item Description | | Initials | | | |
| | | a | b | c | |
| 1. | Clean answer sheets copied before grading | <u>OR</u> | <u>COY</u> | <u>ben</u> | |
| 2. | Answer key changes and question deletions justified and documented | <u>J</u> | <u>COY</u> | <u>ben</u> | |
| 3. | Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations) | <u>J</u> | <u>COY</u> | <u>ben</u> | |
| 4. | Grading for all borderline cases (80 \pm 2% overall and 70 or 80, as applicable, \pm 4% on the SRO-only) reviewed in detail | <u>J</u> | <u>COY</u> | <u>ben</u> | |
| 5. | All other failing examinations checked to ensure that grades are justified <u>N/A</u> | <u>N/A</u> | <u>N/A</u> | <u>N/A</u> | |
| 6. | Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants | <u>J</u> | <u>COY</u> | <u>ben</u> | |
| Printed Name/Signature | | Date | | | |
| a. Grader | <u>David D Reeser / David D Reeser</u> | <u>8/31/05</u> | | | |
| b. Facility Reviewer(*) | <u>Charles Zoia / Charles D Zoia</u> | <u>9/1/05</u> | | | |
| c. NRC Chief Examiner (*) | <u>Dell R. McNeil / Dell R. McNeil</u> | <u>9/1/05</u> | | | |
| d. NRC Supervisor (*) | <u>Hironori Peterson / Hironori Peterson</u> | <u>9/21/05</u> | | | |
| (*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required. | | | | | |