

Facility: <u>NMP2</u>		Date of Examination: <u>Op: 5/2</u> 5/05
Examinations Developed by: <u>Facility</u> / NRC (circle one)		Written: <u>5/9/05</u>
Target Date*	Task Description (Reference)	Chief Examiner's Initials
-180	1. Examination administration date confirmed (C.1.a; C.2.a and b)	TF
-120	2. NRC examiners and facility contact assigned (C.1.d; C.2.e)	TF
-120	3. Facility contact briefed on security and other requirements (C.2.c)	TF
-120	4. Corporate notification letter sent (C.2.d)	TF
[-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)	TF
-70	7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)	TF
-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)	TF
-30	9. Preliminary license applications (NRC Form 398's) due (C.1.i; C.2.g; ES-202)	TF
-14	10. Final license applications due and Form ES-201-4 prepared (C.1.i; C.2.i; ES-202)	TF
-14	11. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f)	TF
-14	12. Examinations reviewed with facility licensee (C.1.j; C.2.f and h; C.3.g)	TF
-7	13. Written examinations and operating tests approved by NRC supervisor (C.2.i; C.3.h)	TF
-7	14. Final applications reviewed; examination approval and waiver letters sent (C.2.i; Attachment 4; ES-204)	TF
-7	15. Proctoring/written exam administration guidelines reviewed with facility licensee (C.3.k)	TF
-7	16. Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i)	TF
<p>* Target dates 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 to examinations prepared by the NRC.</p>		

Facility: <u>Nine Mile Plant 2</u>		Date of Examination: <u>May 2005</u>			
Item	Task Description	Initials			
		a	b*	c#	
1. W R I T T E N	a. Verify that the outline(s) fit(s) the appropriate model, in accordance with ES-401.	SB	MD	JK	TF
	b. Assess whether the outline was systematically and randomly prepared in accordance with Section D.1 of ES-401 and whether all K/A categories are appropriately sampled.	SB	MD	JK	TF
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	SB	MD	JK	TF
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	SB	MD	JK	TF
2. S I M U L A T O R	a. Using Form ES-301-5, verify that the proposed scenario sets cover the required number of normal evolutions, instrument and component failures, technical specifications, and major transients.	SB	MD	JK	TF
	b. Assess whether there are enough scenario sets (and spares) to test the projected number and mix of applicants in accordance with the expected crew composition and rotation schedule without compromising exam integrity, and ensure that each applicant can be tested using at least one new or significantly modified scenario, that no scenarios are duplicated from the applicants' audit test(s), and that scenarios will not be repeated on subsequent days.	SB	MD	JK	TF
	c. To the extent possible, assess whether the outline(s) conform(s) with the qualitative and quantitative criteria specified on Form ES-301-4 and described in Appendix D.	SB	MD	JK	TF
3. W / T	a. Verify that the systems walk-through outline meets the criteria specified on Form ES-301-2: (1) the outline(s) contain(s) the required number of control room and in-plant tasks distributed among the safety functions as specified on the form (2) task repetition from the last two NRC examinations is within the limits specified on the form (3) no tasks are duplicated from the applicants' audit test(s) (4) the number of new or modified tasks meets or exceeds the minimums specified on the form (5) the number of alternate path, low-power, emergency, and RCA tasks meet the criteria on the form.	SB	MD	JK	TF
	b. Verify that the administrative outline meets the criteria specified on Form ES-301-1: (1) the tasks are distributed among the topics as specified on the form (2) at least one task is new or significantly modified (3) no more than one task is repeated from the last two NRC licensing examinations	SB	MD	JK	TF
	c. Determine if there are enough different outlines to test the projected number and mix of applicants and ensure that no items are duplicated on subsequent days.	SB	MD	JK	TF
4. G E N E R A L	a. Assess whether plant-specific priorities (including PRA and IPE insights) are covered in the appropriate exam sections.	SB	MD	JK	TF
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	SB	MD	JK	TF
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	SB	MD	JK	TF
	d. Check for duplication and overlap among exam sections.	SB	MD	JK	TF
	e. Check the entire exam for balance of coverage.	SB	MD	JK	TF
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	SB	MD	JK	TF
a. Author <u>Donald A. Newman</u> Printed Name/Signature b. Facility Reviewer (*) <u>DONALD A. NEWMAN</u> c. NRC Chief Examiner (#) <u>G.A. Johnson</u> d. NRC Supervisor <u>TODD FISH</u>		Date <u>1/28/05</u> <u>2/11/05</u> <u>2/24/05</u> <u>3/8/05</u>			
Note: # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.					

ATTACHMENT 6: NRC EXAMINATION SECURITY AGREEMENT

UNIT 2 2005 INITIAL EXAM

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ES-201

Examination Security Agreement

Form ES-201-3

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 5/2/05 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. 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 5/2/05. 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. PHILIP BALLARD	CONSULTANT/EXAM DEVELOPER	<i>[Signature]</i>	10/21/04	<i>[Signature]</i>	5/12/05	per telecom
2. DAVID M WANDSCHNEIDER	NMP Unit	<i>[Signature]</i>	10/21/04	<i>[Signature]</i>	5/12/05	per telecom
3. Cynthia R. Robert	NMP, Clerical	<i>[Signature]</i>	10/21/04	<i>[Signature]</i>	5/12/05	per telecom
4. Gerald Boden	Exam Developer	<i>[Signature]</i>	10/21/04	<i>[Signature]</i>	5/12/05	
5. John Pirzack	Simulator Support	<i>[Signature]</i>	11/10/04	<i>[Signature]</i>	5/12/05	
6. Albert Neveu	SIMULATOR SPECIALIST	<i>[Signature]</i>	12/3/04	<i>[Signature]</i>	5/12/05	
7. CHRIS KRASSONSKI	Simulator Specialist	<i>[Signature]</i>	12/3/04	<i>[Signature]</i>	5/12/05	
8. Mark Fuller	Computer/EI	<i>[Signature]</i>	11/6/05	<i>[Signature]</i>	5/11/05	per telecom
9. Patricia J. Brannan	Exam Review	<i>[Signature]</i>	11/8/05	<i>[Signature]</i>	5/17/05	per telecom
10. Michael E. Egan	Exam Review	<i>[Signature]</i>	11/9/05	<i>[Signature]</i>	5/18/05	per telecom
11. George V. Romack	Exam Developer	<i>[Signature]</i>	1/24/05	<i>[Signature]</i>	5/12/05	
12. R.L. MAGNIANT	EXAM DEVELOPER	<i>[Signature]</i>	2/9/05	<i>[Signature]</i>	5/12/05	
13. DON NEWMAN	Independent Management Reviewer	<i>[Signature]</i>	2/15/05	<i>[Signature]</i>	5/12/05	
14. BRIAN J MOORE	EXAM/SIMULATOR VALIDATION	<i>[Signature]</i>	2/16/05	<i>[Signature]</i>	5/12/05	
15. MIKE SMITH	" "	<i>[Signature]</i>	2/16/05	<i>[Signature]</i>	5/19/05	per telecom / mail message

NOTES: 1. This note indicates that the individual was personally briefed as to his/her responsibilities in complying with this security agreement.

* Dave Wandschneider no longer works for Constellation Energy and is out of state. *[Signature]* 5/12/05

ATTACHMENT 6: NRC EXAMINATION SECURITY AGREEMENT

Und 2 2005 NRC EXAM

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ES-201

Examination Security Agreement

Form ES-201-3

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 5/2/05 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. 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 5/2/05. 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. <u>Richard Lange</u>	<u>SIMULATOR VALIDATION</u>	<u>[Signature]</u>	<u>2/16/05</u>	<u>[Signature]</u>	<u>5/10/05</u> per telecom/mail message
2. <u>Enrique Benedicto</u>	<u>SIM Support</u>	<u>[Signature]</u>	<u>2/16/05</u>	<u>[Signature]</u>	<u>5-10-05</u>
3. <u>Charles D. Millard</u>	<u>Ops Instructor Developer</u>	<u>[Signature]</u>	<u>2/17/05</u>	<u>[Signature]</u>	<u>5-10-05</u>
4. <u>Aaron D. Armstrong</u>	<u>Exam Validator</u>	<u>[Signature]</u>	<u>2/28/05</u>	<u>[Signature]</u>	<u>5/10/05</u>
5. <u>MICHAEL C. ALEXANDER</u>	<u>EXAM DEVELOPER</u>	<u>[Signature]</u>	<u>2/28/05</u>	<u>[Signature]</u>	<u>5-10-05</u>
6. <u>Ralph A. Hoffman</u>	<u>Initial Training Supervisor</u>	<u>[Signature]</u>	<u>3/2/05</u>	<u>[Signature]</u>	<u>5/10/05</u>
7. <u>Brian R. Weaver</u>	<u>Exam Validation</u>	<u>[Signature]</u>	<u>3/7/05</u>	<u>[Signature]</u>	<u>5/10/05</u>
8. <u>Nancy A. Sullivan</u>	<u>CLERICAL SUPPORT</u>	<u>[Signature]</u>	<u>3/8/05</u>	<u>[Signature]</u>	<u>5/10/05</u>
9. <u>GARY MAY</u>	<u>Exam Validation</u>	<u>[Signature]</u>	<u>3/9/05</u>	<u>[Signature]</u>	<u>5/10/05</u> per telecom
10. <u>MICHAEL Labouc</u>	<u>RP TRAINING</u>	<u>[Signature]</u>	<u>3/7/05</u>	<u>[Signature]</u>	<u>5/17/05</u> per telecom
11. <u>James Dobiec</u>	<u>Exam Validation Writer</u>	<u>[Signature]</u>	<u>3/9/05</u>	<u>[Signature]</u>	<u>5/17/05</u> per telecom
12. <u>Philip R. Nichols</u>	<u>EXAM VALIDATION</u>	<u>[Signature]</u>	<u>3-17-05</u>	<u>[Signature]</u>	<u>5-10-05</u>
13. <u>James F. Emery</u>	<u>NRC / Exam Validation</u>	<u>[Signature]</u>	<u>3-17-05</u>	<u>[Signature]</u>	<u>5-10-05</u>
14. <u>[Signature]</u>	<u>Exam Validator</u>	<u>[Signature]</u>	<u>3/17/05</u>	<u>[Signature]</u>	<u>5/10/05</u>
15. <u>Darrell H. King</u>	<u>Exam Validator - op</u>	<u>[Signature]</u>	<u>3-9-05</u>	<u>[Signature]</u>	<u>5/10/05</u> per mail message

NOTES: 1. This note indicates that the individual was personally briefed as to his/her responsibilities in complying with this security agreement.

ATTACHMENT 6: NRC EXAMINATION SECURITY AGREEMENT

Unit 2 2005 NRC EXAM/EXAM ADMINISTRATION

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ES-201

Examination Security Agreement

Form ES-201-3

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 5/2/05 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. 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 5/2/05. 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. Susan C. Bortch	clerk Clerk	<i>Susan C. Bortch</i>	4/21/05	<i>Susan C. Bortch</i>	5/1/05	
2. Glenn Bridges	Instructor / License Class	<i>Glenn Bridges</i>	4/29/05	<i>Glenn Bridges</i>	5/1/05	
3. James K. Prohm	EXAM ADMINISTRATION	<i>James K. Prohm</i>	4/19/05	<i>James K. Prohm</i>	5/1/05	
4. Duane Lemay	Instructor / License Class	<i>Duane Lemay</i>	5/1/05	<i>Duane Lemay</i>	5/1/05	
5. Bob Semmer	Instructor / License Class	<i>Bob Semmer</i>	5/1/05	<i>Bob Semmer</i>	5/1/05	
6. David McConnell	Instructor / License Class	<i>David McConnell</i>	5/1/05	<i>David McConnell</i>	5/1/05	
7. Mike Jaguin	ADM/OPS mgmt. Observer	<i>Mike Jaguin</i>	5/1/05	<i>Mike Jaguin</i>	5/1/05	
8. Pat Julek	Instructor of Exam Admin	<i>Pat Julek</i>	5/1/05	<i>Pat Julek</i>	5/1/05	
9. Robert Godley	OPS Mgmt Observer	<i>Robert Godley</i>	5/1/05	<i>Robert Godley</i>	5/1/05	for telecon 5/1/05
10.						
11.						
12.						
13.						
14.						
15.						

NOTES: 1. This note indicates that the individual was personally briefed as to his/her responsibilities in complying with this security agreement.

These individuals were placed on security agreement for exam administration. They had no prior knowledge of the exam until exam was administered. *Boblin 5/18/05*

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of May 2, 2005 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 May 2, 2005 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.	Michael Wasem	Ops. Instructor/Reviewer	<i>Michael Wasem</i>	3/22/05	G. Bolin for Wasem (telecom/message)	5/12/05	
2.							
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NOTES:

Mr. Wasem performed an independent review of the written exam only. Mr. Wasem is an exam developer at Calvert Cliffs. Bolin 5/12/05

Facility: <u>Nine Mile Point 2</u>		Date of Examination: <u>May 2, 2005</u>		Operating Test Number: <u>01</u>	
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).	GB	RWS	JWS	TF
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	GB	RWS	JWS	TF
c.	The operating test shall not duplicate items from the applicants' audit test(s). (see Section D.1.a.)	GB	RWS	JWS	TF
d.	Overlap with the written examination and between different parts of the operating test is within acceptable limits.	GB	RWS	JWS	TF
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	GB	RWS	JWS	TF
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 	GB	RWS	JWS	TF
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.	GB	RWS	JWS	TF
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.			GB	RWS	JWS
		Printed Name / Signature		Date	
a.	Author	<u>Gerald Bolka / Gerald Bolka</u>		<u>4/20/05</u>	
b.	Facility Reviewer(*)	<u>Edith A. Hoffman / Edith A. Hoffman</u> <u>GILBERT A. SPANGLER / Gilbert A. Spangler</u>		<u>4/21/05 / 4/21/05</u>	
c.	NRC Chief Examiner (#)	<u>TODD FISH / Todd Fish</u>		<u>4/27/05 / 4/27/05</u>	
d.	NRC Supervisor	<u>R.V. Carter / R.V. Carter</u>		<u>4/27/05</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: <i>Nine Mile Point 2</i> Date of Exam: <i>May 2, 2005</i> Scenario Numbers: <i>1/2/3/ALT</i> Operating Test No.: <i>01</i>		Initials		
QUALITATIVE ATTRIBUTES		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>JS</i>	<i>ant</i>	<i>ant</i> TF
2.	The scenarios consist mostly of related events.	<i>JS</i>	<i>ant</i>	<i>ant</i> TF
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>JS</i>	<i>ant</i>	<i>ant</i> TF
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>JS</i>	<i>ant</i>	<i>ant</i> TF
5.	The events are valid with regard to physics and thermodynamics.	<i>JS</i>	<i>ant</i>	<i>ant</i> TF
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.	<i>JS</i>	<i>ant</i>	<i>ant</i> TF
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>JS</i>	<i>ant</i>	<i>ant</i> TF
8.	The simulator modeling is not altered.	<i>JS</i>	<i>ant</i>	<i>ant</i> TF
9.	The scenarios have been validated. Pursuant to 10 CFR 55.46(d), any open simulator performance deficiencies have been evaluated to ensure that functional fidelity is maintained while running the planned scenarios.	<i>JS</i>	<i>ant</i>	<i>ant</i> TF
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>JS</i>	<i>ant</i>	<i>ant</i> TF
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).	<i>JS</i>	<i>ant</i>	<i>ant</i> TF
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>JS</i>	<i>ant</i>	<i>ant</i> TF
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	<i>JS</i>	<i>ant</i>	<i>ant</i> TF
TARGET QUANTITATIVE ATTRIBUTES (PER SCENARIO; SEE SECTION D.5.d)		Actual Attributes 1 / 2 / 3 / alt	--	--
1.	Total malfunctions (5-8)	<u>6 / 5 / 6 / 5</u>	<i>JS</i>	<i>ant</i> TF
2.	Malfunctions after EOP entry (1-2)	<u>2 / 2 / 2 / 3</u>	<i>JS</i>	<i>ant</i> TF
3.	Abnormal events (2-4)	<u>2 / 3 / 2 / 2</u>	<i>JS</i>	<i>ant</i> TF
4.	Major transients (1-2)	<u>1 / 1 / 1 / 1</u>	<i>JS</i>	<i>ant</i> TF
5.	EOPs entered/requiring substantive actions (1-2)	<u>2 / 2 / 2 / 2</u>	<i>JS</i>	<i>ant</i> TF
6.	EOP contingencies requiring substantive actions (0-2)	<u>2 / 1 / 1 / 2</u>	<i>JS</i>	<i>ant</i> TF
7.	Critical tasks (2-3)	<u>4 / 2 / 3 / 4</u>	<i>JS</i>	<i>ant</i> TF

ES-301		Transient and Event Checklist									Form ES-301-5		
Facility: Nine Mile Point 2			Date of Exam: May 2, 2005						Operating Test No. ALL				
Applicant	Event Type	Scenario Number										Total	Min
		Scenario 1 (Day 3)			Scenario 2 (Day 1)			Scenario 3 (Day 2)					
		Crew Position			Crew Position			Crew Position					
		SRO	ATC	BOP	SRO	ATC	BOP	SRO	ATC	BOP			
RO 1,3	Reactivity					2						1	1*
	Normal									5		1	1*
	Inst/Comp					3,4				3,9,10		5	4*
	Major					5				8		2	2
RO 2,4	Reactivity								1			1	1*
	Normal						1		5			2	1*
	Inst/Comp						3,5,8,9		2,4,6			7	4*
	Major						6		8			2	2
SRO-I 1	Reactivity		3		2							**	1*
	Normal				1					5		**	1*
	Inst/Comp		2,4		2,3,4					3,9,10		**	4*
	Major		6		5					8		**	2
	Tech Spec				2,3,4							**	2
SRO-I 2	Reactivity					2			1			**	1*
	Normal			1					5			**	1*
	Inst/Comp			3,5,8,9		3,4			4,6			**	4*
	Major			6		5			8			**	2
	Tech Spec								3,7			**	2
SRO-I 3	Reactivity	3							1			**	1*
	Normal	1					1		5			**	1*
	Inst/Comp	2,5,10					3,5,8,9		2,4,6			**	4*
	Major	6					6		8			**	2
	Tech Spec	2,5										**	2

Instructions:

1. Circle 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.
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 requirement.

Facility Note ** Total values for SRO-Instants cannot be tabulated on this form. The minimum values in MIN column do not account for SRO-I performing in both the RO and SRO positions. The form is flawed.

Author: Gerald Bobka / Gerald Bobka - 4/21/05
GILBERT A. JOHNSON / Gilbert Johnson - 4/27/05
 NRC Reviewer: TODD FISH / Todd Fish - 4/29/05

ES-301		Transient and Event Checklist									Form ES-301-5	
Facility: Nine Mile Point 2			Date of Exam: May 2, 2005						Operating Test No. ALL			
Applicant	Event Type	Scenario Number										
		Scenario 1 (Day 3)			Scenario 2 (Day 1)			Scenario 3 (Day 2)			Total	Min
		Crew Position			Crew Position			Crew Position				
		SRO	ATC	BOP	SRO	ATC	BOP	SRO	ATC	BOP		
SRO-U 1,2	Reactivity				2						1	0
	Normal				1						1	1
	Inst/Comp				2,3,4						3	2
	Major				5						1	1
	Tech Spec				2,3,4						3	2

Instructions:

1. Circle 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.
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 requirement.

Facility Note ** Total values for SRO-Instants cannot be tabulated on this form. The minimum values in MIN column do not account for SRO-I performing in both the RO and SRO positions. The form is flawed.

Author: Gerald Bobler / Gerald Bobler 4/21/05
GILBERT A JOHNSON / Gilbert A Johnson 4/27/05

NRC Reviewer: TODD FISH / Todd Fish 4/29/05

Facility: Nine Mile Point 2		Date of Exam: May 2, 2005				Operating Test: RO			
Competencies	Applicants								
	RO 2 and 4				RO 1 and 3				
	SCENARIO				SCENARIO				
	1	2	3	4	1	2	3		
Interpret/Diagnose Events and Conditions		2,4,7,8	2,4,6			3,5,6	7,8,9,		
Comply With and Use Procedures (1)		2,4,8	1,2,4,6,8			2,3,5	3,8,9,10		
Operate Control Boards (2)		2,4,7,8	1,2,4,6,8			2,3,4,5	3,8,9,10		
Communicate and Interact		2,4,5,7,8,9	1,2,4,6,8,10			2,3,4,5,6,9	3,7,8,9,10		
Demonstrate Supervisory Ability (3)									
Comply With and Use Tech. Specs. (3)									
		BOP RO	ATC RO			ATC RO	BOP RO		
Notes:									
(1) Includes Tech Spec compliance for an RO									
(2) Optional for an SRO-U									
(3) Only applicable to SROs									

Instructions:

Circle the applicant's license type and enter one or more event numbers that will allow the examiners to evaluate every applicable competency for every applicant.

Author: Gerald Bobba / Gerald Bobba 4/21/05
GILBERT A. JOHNSON / MA Johnson 4/27/05
 NRC Reviewer: TODD FISH / Todd Fish 4/27/05

Facility: Nine Mile Point 2		Date of Exam: May 2, 2005			Operating Test: SRO-I			
Competencies	Applicants							
	SRO Instant 1				SRO Instant 2			
	SCENARIO				SCENARIO			
	1	2	3		1	2	3	
Interpret/Diagnose Events and Conditions	2	2,4,5,8	7,8,9		3,6,9,10	3,5,6	3,4,7,8,9,10	
Comply With and Use Procedures (1)	2,4,8	2,3,5,8,9	3,8,9,10		1,5,8,10	2,3,5	1,2,3,4,6,8,9,10	
Operate Control Boards (2)	2,3,4,6,7		3,8,9,10		1,3,5,7,8,9,10	2,3,4,5		
Communicate and Interact	2,3,4,6,7	1,2,3,4,5,7,8,9	3,7,8,9,10		1,3,5,7,8,9,10	2,3,4,5,6,9	1,2,3,4,6,8,9,10	
Demonstrate Supervisory Ability (3)		1,2,3,4,7,8,9					1,2,3,4,6,8,9,10	
Comply With and Use Tech. Specs. (3)		2,3,4					2,3,7	
	ATC RO	SRO	BOP RO		BOP RO	ATC RO	SRO	
<p>Notes:</p> <p>(1) Includes Tech Spec compliance for an RO</p> <p>(2) Optional for an SRO-U</p> <p>(3) Only applicable to SROs</p>								

Instructions:

Circle the applicant's license type and enter one or more event numbers that will allow the examiners to evaluate every applicable competency for every applicant.

Author: Gerald Bohlen / Gerald Bohlen 4/21/05
GILBERT A JOHNSON / Gilbert Johnson 4/27/05

NRC Reviewer: TODD FISH / Todd Fish 4/27/05

Facility: Nine Mile Point 2		Date of Exam: May 2, 2005			Operating Test: SRO-I		
Competencies	Applicants						
	SRO Instant 3				SRO Instant		
	SCENARIO				SCENARIO		
	1	2	3	1	2		
Interpret/Diagnose Events and Conditions	2,3	2,4	2,4,6				
Comply With and Use Procedures (1)	2	1,2	1,2,4,6,8				
Operate Control Boards (2)		1,2,7,9	1,2,4,6,8				
Communicate and Interact	1,2,3,4,5,6,8,9,10	1,2,4,5,7,8,9	1,2,4,6,8,10				
Demonstrate Supervisory Ability (3)	1,2,3,4,5,6,8,9,10						
Comply With and Use Tech. Specs. (3)	2,5						
	SRO	BOP RO	ATC RO				
Notes:							
(1) Includes Tech Spec compliance for an RO							
(2) Optional for an SRO-U							
(3) Only applicable to SROs							

Instructions:

Circle the applicant's license type and enter one or more event numbers that will allow the examiners to evaluate every applicable competency for every applicant.

Author:

Gerald Bell / Gerald Bell 4/21/05
GILBERT A JOHNSON / G.A. Johnson 4/27/05
TODD FISH / Todd Fish 4/27/05

NRC Reviewer:

Facility: Nine Mile Point 2		Date of Exam: May 2, 2005				Operating Test: SRO-U			
Competencies	Applicants								
	SRO Upgrade 1 and 2								
	SCENARIO				SCENARIO				
	1	2	3	4	1	2	3	4	
Interpret/Diagnose Events and Conditions		2,4,5,8							
Comply With and Use Procedures (1)		2,3,5,8,9							
Operate Control Boards (2)									
Communicate and Interact		1,2,3,4,5,7,8,9							
Demonstrate Supervisory Ability (3)		1,2,3,4,7,8,9							
Comply With and Use Tech. Specs. (3)		2,3,4							
		SRO							
Notes:									
(1) Includes Tech Spec compliance for an RO									
(2) Optional for an SRO-U									
(3) Only applicable to SROs									

Instructions:

Circle the applicant's license type and enter one or more event numbers that will allow the examiners to evaluate every applicable competency for every applicant.

Author: Gerald Beble / Gerald Beble 4/21/05
GILBERT A JOHNSON / Gilbert Johnson 4/27/05
 NRC Reviewer: TODD FISH / Todd Fish 4/27/05

FACILITY:		NINE MILE POINT 2		DATE OF EXAM	MAY 9, 2005		EXAM LEVEL	RO	
Item Description							Initials		
							a	b	c
1	Question and answers are technically accurate.								
2	a. NRC K/As referenced for all questions. b. Facility learning objectives referenced as available.								
3	SRO questions are appropriate in accordance with Section D.2.d of ES-401.			NA**	NA**	NA**			
4	If more than four RO and two SRO questions are repeated from the last two NRC licensing exams, the facility licensee's sampling process was random and systematic.								NA
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 <input type="checkbox"/> the audit exam was completed before the license exam was started <input type="checkbox"/> the examinations were developed independently <input type="checkbox"/> the licensee certifies that there is no duplication <input type="checkbox"/> other (explain)								
6	Bank use meets limits (no more than 75 percent from the bank, at least 10 percent new, and the rest modified); enter the actual question distribution(s) at right	Bank	Modified	New					
		31/75 41%	5/75 7%	39/75 52%					
7	Between 50 and 60 percent of the questions on the RO exam (including 10 new questions) 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		C/A					
		33/75 44%		42/75 56%					
8	References/handouts provided do not give away answers or aid in the elimination of distractors.								
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.								
10	Question psychometric quality and format meet the guidelines in ES Appendix B.								
11	The exam contains the required number of one-point, multiple choice items; the total is correct and agrees with value on cover sheet.								
Printed Name / Signature									
a. Author	Gerald Bobka / Gerald Bobka			Date	4/20/05				
b. Facility Reviewer (*)	Ralph A. Hoffman / Ralph A. Hoffman GILBERT A. JOHNSON / Gilbert A. Johnson			Date	4/20/05 4/27/05				
c. NRC Chief Examiner(#)	TODD FISH / Todd Fish			Date	4/27/05				
d. NRC Regional Supervisor	P.J. Conte / P.J. Conte			Date	4/20/05				
Note: * The facility reviewer's initials/signature are not applicable for NRC developed examinations. # Independent NRC reviewer initials Column "c"; chief examiner concurrence required.									

** See Form 401-6 for SRO Level Examination

FACILITY: NINE MILE POINT 2		DATE OF EXAM MAY 9, 2005		EXAM LEVEL	SRO	
Item Description	Initials					
	a	b	c			
1 Question and answers are technically accurate.	AB	RCS	Head/TF			
2 a. NRC K/As referenced for all questions. b. Facility learning objectives referenced as available.	AB	RCS	Head/TF			
3 SRO questions are appropriate in accordance with Section D.2.d of ES-401.	AB	RCS	Head/TF			
4 If more than four RO and two SRO questions are repeated from the last two NRC licensing exams, the facility licensee's sampling process was random and systematic.			NA			
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 <input type="checkbox"/> the audit exam was completed before the license exam was started <input type="checkbox"/> the examinations were developed independently <input type="checkbox"/> the licensee certifies that there is no duplication <input type="checkbox"/> other (explain)	AB	RCS	Head/TF			
6 Bank use meets limits (no more than 75 percent from the bank, at least 10 percent new, and the rest modified); enter the actual question distribution(s). at right	Bank	Modified	New	AB	RCS	Head/TF
	2/25	0/25	23/25			
	8%	0%	92%			
7 Between 50 and 60 percent of the questions on the RO exam (including 10 new questions) 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		C/A	AB	RCS	Head/TF
	6/25		19/25			
	24%		76%			
8 References/handouts provided do not give away answers or aid in the elimination of distractors.	AB	RCS	Head/TF			
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.	AB	RCS	Head/TF			
10 Question psychometric quality and format meet the guidelines in ES Appendix B.	AB	RCS	Head/TF			
11 The exam contains the required number of one-point, multiple choice items; the total is correct and agrees with value on cover sheet.	AB	RCS	Head/TF			
Printed Name / Signature						
a. Author	Gerald Bobba / Gerald Bobba			Date	4/20/05	
b. Facility Reviewer (*)	Ralph A Hoffman / Ralph A Hoffman			Date	4/20/05	
c. NRC Chief Examiner(#)	Gilbert A Johnson / Gilbert A Johnson			Date	4/27/05	
d. NRC Regional Supervisor	Todd Fish / Todd Fish			Date	4/27/05	
Note: * The facility reviewer's initials/signature are not applicable for NRC developed examinations. # Independent NRC reviewer initials Column "c"; chief examiner concurrence required.						

Facility: <u>Nine Mile Point Unit 2</u> Date of Exam: <u>5/9/05</u> Exam Level: <u>RO/SRO</u>			
Item Description	Initials		
	a	b	c
1. Clean answer sheets copied before grading	<u>GB</u>	<u>RB</u>	<u>TF</u>
2. Answer key changes and question deletions justified and documented <u>(NONE)</u>	<u>GB</u>	<u>RB</u>	<u>NA</u>
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<u>GB</u>	<u>RB</u>	<u>TF</u>
4. Grading for all borderline cases (80 ±2% overall and 70 or 80, as applicable, ±4% on the SRO-only) reviewed in detail	<u>GB</u>	<u>RB</u>	<u>TF</u>
5. All other failing examinations checked to ensure that grades are justified	<u>NA</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>GB</u>	<u>RB</u>	<u>TF</u>
	Printed Name/Signature	Date	
a. Grader	<u>Gerald Bobka / Gerald Bobka</u>	<u>5/11/05</u>	
b. Facility Reviewer(*)	<u>Ralph A Hoffmann / Ralph Hoffmann</u> <u>GILBERT Johnson / Gilbert Johnson</u>	<u>5/11/05</u> <u>5/12/05</u>	
c. NRC Chief Examiner (*)	<u>TODD FISHER / Todd Fisher</u>	<u>5/16/05</u>	
d. NRC Supervisor (*)	<u>Richard A Conter / Richard Conter</u>	<u>5/10/05</u>	
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.			

Facility: <u>Nine Mile Point Unit 2</u> Date of Exam: <u>5/9/05</u> Exam Level: RO/SRO			
Item Description	Initials		
	a	b	c
1. Clean answer sheets copied before grading	AB	RWT	TF
2. Answer key changes and question deletions justified and documented (NONE)	AB	RWT	NA
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	AB	RWT	TF
4. Grading for all <u>borderline cases</u> (80 ±2% overall and 70 or 80, as applicable, ±4% on the SRO-only) reviewed in detail	NA	N/A RWT	NA
5. All other failing examinations checked to ensure that grades are justified	NA	N/A	NA
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	AB	RWT	TF
	Printed Name/Signature	Date	
a. Grader	<u>Gerald Books / Gerald Books</u>	<u>5/11/05</u>	
b. Facility Reviewer(*)	<u>Ralph A. Hoffman / R.A. Hoffman</u> <u>Gilbert Johnson / Gilbert Johnson</u>	<u>5/11/05</u> <u>5/16/05</u>	
c. NRC Chief Examiner (*)	<u>TODD FISH / Todd Fish</u>	<u>5/16/05</u>	
d. NRC Supervisor (*)	<u>Richard J. Conte / R. Conte</u>	<u>6/10/05</u>	
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.			