

Facility: NMP#1 Date of Examination: Nov 1-5, 2004 OPERATIVE  
Nov 23, 2004 WRITTEN

Examinations Developed by: Facility / 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)	JH
-120	2. NRC examiners and facility contact assigned (C.1.d; C.2.e)	JH
-120	3. Facility contact briefed on security and other requirements (C.2.c)	JH
-120	4. Corporate notification letter sent (C.2.d)	JH
[-90]	[5. Reference material due (C.1.e; C.3.c; Attachment 2)]	JH
-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)	JH
-70	7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)	JH
-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)	JH
-30	9. Preliminary license applications (NRC Form 398's) due (C.1.i; C.2.g; ES-202)	JH
-14	10. Final license applications due and Form ES-201-4 prepared (C.1.i; C.2.i; ES-202)	JH
-14	11. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f)	JH
-14	12. Examinations reviewed with facility licensee (C.1.j; C.2.f and h; C.3.g)	JH
-7	13. Written examinations and operating tests approved by NRC supervisor (C.2.i; C.3.h)	JH
-7	14. Final applications reviewed; examination approval and waiver letters sent (C.2.i; Attachment 4; ES-204)	JH
-7	15. Proctoring/written exam administration guidelines reviewed with facility licensee (C.3.k)	JH
-7	16. Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i)	JH

\* 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.

[ ] Applies only to examinations prepared by the NRC.

Facility: <b>NINE MILE POINT 1</b>		Date of Examination: <b>NOVEMBER 1, 2004</b>		
Item	Task Description	Initials		
		a	b*	c#
1. Written	a. Verify that the outline(s) fit(s) the appropriate model per ES-401.	mmw	awp	jm
	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.	mmw	awp	jm
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	mmw	awp	jm
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	mmw	awp	jm
2. Sim	a. Using Form ES-301-5, verify that the proposed scenario sets cover the required number of normal evolutions, instrument and component failures, and major transients.	mmw	awp	jm
	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; ensure 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 scenarios will not be repeated on subsequent days.	mmw	awp	jm
	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.	mmw	awp	jm
3. W/T	a. Verify that: (1) the outline(s) contain(s) the required number of control room and in-plant tasks, (2) no more than 30% of the test material is repeated from the last NRC examination, (3)* no tasks are duplicated from the applicants audit test(s), and (4) no more than 80% of any operating test is taken directly from the licensees exam banks.	mmw	awp	jm
	b. Verify that: (1) the tasks are distributed among the safety function groupings as specified in ES-301, (2) one task is conducted in a low-power or shutdown condition, (3) 4 - 6 (2 - 3 for SRO-U) of the tasks require the applicant to implement an alternate path procedure, (4) one in-plant task tests the applicants response to an emergency or abnormal condition, and (5) the in-plant walk-through requires the applicant to enter the RCA.	mmw	awp	jm
	c. Verify that the required administrative topics are covered.	mmw	awp	jm
	d. 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.	mmw	awp	jm
	e. Verify that the required administrative topics are covered.	mmw	awp	jm
4. General	a. Assess whether plant-specific priorities (including PRA and IPE insights) are covered in the appropriate exam section.	mmw	awp	jm
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	mmw	awp	jm
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	mmw	awp	jm
	d. Check for duplication and overlap among exam sections.	mmw	awp	jm
	e. Check the entire exam for balance of coverage.	mmw	awp	jm
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	mmw	awp	jm
a. Author <u>DAVID M. WANDSCHNEIDER</u> b. Facility Reviewer (*) <u>GREGG R. PITTS</u> c. NRC Chief Examiner (#) <u>JOHN C. CARUSO</u> d. NRC Supervisor <u>R.J. (Carter)</u>		Printed Name / Signature Date 8-11-2004 8/12/04 8/16/04 8/16/04		

Note: \* Not applicable for NRC-developed examinations.  
# Independent NRC reviewer initial items in Column "c;" chief examiner concurrence required.

# ATTACHMENT 6: NRC EXAMINATION SECURITY AGREEMENT

Page 1 of 1

ES-201

Examination Security Agreement

Form ES-201-3

## 1. Pre-Examination

11/1/04 - OPERATING EXAM (NRC)  
11/21/04 - WRITTEN EXAM (NRC)

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 11/1-23/04 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 11/1-23/04. 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 G BALLARD	CONSULTANT / EXAM DEVELOPER	<i>Philip G Ballard</i>	3/2/04	<i>Philip G Ballard</i>	12/2/04	
2. STEPHEN M. MUMMICK	CONSULTANT / EXAM DEVELOPER	<i>Stephen M Mummick</i>	3/15/04	<i>Stephen M Mummick</i>	12/9/04	
3. DAVID M. WANDSCHNEIDER	CEG TRAINING / Exam Dev	<i>David M Wandschneider</i>	4/12/04	<i>David M Wandschneider</i>	12/12/04	
4. Andrew M. Mihard	CEG Ops Unit #1	<i>Andrew M Mihard</i>	4/14/04	<i>Andrew M Mihard</i>	12/12/04	
5. Terry M. Goldman	CEG Ops	<i>Terry M Goldman</i>	4-14-04	<i>Terry M Goldman</i>	12-17-04	
6. Cynthia R. Robert	CEG Exam Admin Clinical	<i>Cynthia R Robert</i>	5/24/04	<i>Cynthia R Robert</i>	12/11/04	
7. Edmund W. Stokes	CONSULTANT / EXAM DEVELOPER	<i>Edmund W Stokes</i>	6/24/04	<i>Edmund W Stokes</i>	12/11/04	
8. Robert W. Carlson	CEG - Training	<i>Robert W Carlson</i>	6/24/04	<i>Robert W Carlson</i>	11/3/05	01/05/05 per telecon
9. Marc A. Peterson	CEG - Training	<i>Marc A Peterson</i>	7/14/04	<i>Marc A Peterson</i>	12/16/04	
10. Gregg R. Pitts	GSOT - Supervisor/Review	<i>Gregg R Pitts</i>	8/2/04	<i>Gregg R Pitts</i>	12/17/04	
* 11. M.A. Meier	CRS / Sim Scenario Valid.	<i>M.A. Meier</i>	8/4/04	<i>M.A. Meier</i>	12/17/04	
* 12. Greg Rabalais	RO / Sim Scenario Valid.	<i>Greg Rabalais</i>	8-4-04	<i>Greg Rabalais</i>	12-17-04	
* 13. M. Brian Munnick	STA / Sim Scenario Valid.	<i>M. Brian Munnick</i>	8/4/04	<i>M. Brian Munnick</i>	1-5-05	①
* 14. EDWARD H. WALKER	CSO / Sim Scenario Valid.	<i>Edward H Walker</i>	8/4/04	<i>Edward H Walker</i>	1-5-05	
* 15. Stephen B. Evanchuk	RO / Sim Scenario Valid.	<i>Stephen B Evanchuk</i>	8-4-04	<i>Stephen B Evanchuk</i>	12-17-04	

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

\* Also validated written exam questions and JPMs.

① Signed for M.A. Mummick per telephone @ 0800 1-5-05

ATTACHMENT 6: NRC EXAMINATION SECURITY AGREEMENT

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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 11/11/04 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.

11/11/04 operating exam (NRC)  
11/23/04 written exam (NRC)

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 11/1-23/04. 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. Enrique Benedicto	SIM SUPPORT	<i>[Signature]</i>	8/20/04	<i>[Signature]</i>	12/13/04	
2. John A. Krakusinski	SRO / E-SHIFT SM	<i>[Signature]</i>	8/24/04	<i>[Signature]</i>	12/13/04	
3. BRIAN CRAIG	SRO / B-SHIFT ASSES	<i>[Signature]</i>	8/25/04	<i>[Signature]</i>	12/13/04	
4. DANIEL L. ALFIERI	RO / WCC CSO / CLEARANCE	<i>[Signature]</i>	8-25-04	<i>[Signature]</i>	12-15-04	
5. LAWRENCE BLUM	REACTOR OPERATOR	<i>[Signature]</i>	8/25/04	<i>[Signature]</i>	11/5/05	for L. Blum per telephone 12:15pm 1/5/05
6. ROBERT TRACZ	REACTOR OPERATOR	<i>[Signature]</i>	8-28-04	<i>[Signature]</i>	12-13-04	
7. DON SWANZER	RO / SHIFT CSO	<i>[Signature]</i>	8-28-04	<i>[Signature]</i>	12-15-04	
8. Joe McInerney	CBS	<i>[Signature]</i>	8/28/04	<i>[Signature]</i>	12/13/04	
9. RONALD T. GARRIO	SRO / STAFF LICENSE / OPS	<i>[Signature]</i>	8/29/04	<i>[Signature]</i>	11/30/04	
10. Gerald Boskin	Instructor / Reviewer	<i>[Signature]</i>	8/30/04	<i>[Signature]</i>	11/24/04	
11. MICHAEL LEONE	INSTRUCTOR / RP	<i>[Signature]</i>	8/31/04	<i>[Signature]</i>	11/20/04	
12. Ray Kestani	CSO / RO	<i>[Signature]</i>	9/1/04	<i>[Signature]</i>	12/11/04	
13. Michael C. Jarvin	Supv. Initial OB Training	<i>[Signature]</i>	9/2/04	<i>[Signature]</i>	11/3/05	
14. Richard W. Shelton	Shift Mgr.	<i>[Signature]</i>	9/3/04	<i>[Signature]</i>	11/3/05	
15. Matthew Baur	CSO / WCC CSO	<i>[Signature]</i>	9/3/04	<i>[Signature]</i>	11/3/04	

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ATTACHMENT 6: NRC EXAMINATION SECURITY AGREEMENT

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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 11/23/04 to 11/27/04 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 11/1-23/04. 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.	Don Sheehan	STA, E-shift	Don Sheehan	9-3-04	Don Sheehan	1-3-05	
2.	DANIEL COLEMAN	CRS E-shift - OP	Daniel E. Coleman	9-3-04	D Coleman	1-3-05	
3.	Michael Restani	NAOE	Michael Restani	9-3-04	Michael Restani	1-3-05	
4.	Randall S. McLoey	CRS A Shift	Randall S. McLoey	9/8/04	Randall S. McLoey	11/30/04	
5.	Shaun Deasy	NAOE	Shaun Deasy	9-20-04	Shaun Deasy	11/30/04	
6.	Frank Giglio	NAOE E-shift - OP	Frank Giglio	10/4/04	Frank Giglio	12/13/04	on Audit
7.	QUENTIN HICKS	STA, E-SHIFT	Quentin Hicks	10/4/04	Quentin Hicks	12/13/04	
8.	ERICH W. METZ	NAOE	Erich W. Metz	10-5-04	Erich W. Metz	11-30-04	
9.	Mark Brunschweiler	NAOE	Mark Brunschweiler	10/5/04	Mark Brunschweiler	11-30-04	
10.	DOUG LeClerc	SA Do Unit 1	Doug LeClerc	10-21-04	Doug LeClerc	12-8-04	
11.	DON KELLY	Unit Instructor	Don Kelly	10/28/04	Don Kelly	11/30/04	
12.	DAVID MCCONNELL	Unit Instructor, Exam Administrator	David McConnell	10/29/04	David McConnell	11/15/04	
13.	KEVIN MADISON	Unit Support	Kevin Madison	10/29/04	Kevin Madison	11/15/04	
14.	JAMES FROMAN	TRAINING	James Froman	11/22/04	James Froman	12/15/04	
15.	Don D. Miller	NAOE	Don D. Miller	11/22/04	Don D. Miller	12/15/04	

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

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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 11/1/04 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.

Operating Exam (NRC)

## 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 11/1/04. 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. James R. Fromm	instructor	<i>[Signature]</i>	11/1/04	<i>[Signature]</i>	11/8/04
2. Christopher K. Krasinski	WORKAREA SPEC.	<i>[Signature]</i>	11/1/04	<i>[Signature]</i>	12/16/04
3. John April	Instructor	<i>[Signature]</i>	11/1/04	<i>[Signature]</i>	11/8/04
4. Roy David Matheson	Instructor	<i>[Signature]</i>	11/1/04	<i>[Signature]</i>	11/18/04
5. Robert A. Samalor	OSD	<i>[Signature]</i>	11/2/04	<i>[Signature]</i>	11/30/04
6. Robert Gordon	Operations Manager	<i>[Signature]</i>	11/2/04	<i>[Signature]</i>	11/1/05
7. George Roadrich	instructor	<i>[Signature]</i>	11/1/04	<i>[Signature]</i>	11/6/04
8. Roy R. 11/8/04					
9.					
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.

2. This page contains individuals placed on Security Agreement during the Exam Administration period. These individuals had no prior knowledge of Page 36 exam items until the exam actually began. Additionally, these individuals have obtained knowledge only of the operating Test. These individuals did not obtain any knowledge of the written exam.

TAP-TQS-06

Rev 11

Facility: <b>NINE MILE POINT 1</b>		Date of Examination: <b>NOVEMBER 1, 2004</b>		Operating Test Number: <b>SRO</b>	
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).		an	an	an
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.		an	an	an
c.	The operating test shall not duplicate items from the applicants' audit test(s) (see Section D.1.a).		an	an	an
d.	Overlap with the written examination and between operating test is within acceptable limits.		an	an	an
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.		an	an	an
2. WALK-THROUGH CRITERIA			--	--	--
a.	Each JPM includes the following, as applicable:				
	<ul style="list-style-type: none"> <li>• initial conditions</li> <li>• initiating cues</li> <li>• references and tools, including associated procedures</li> <li>• reasonable and validated time limits (average time allowed for completion) and specific designation if deemed to be time critical by the facility licensee</li> <li>• specific performance criteria that include: <ul style="list-style-type: none"> <li>- detailed expected actions with exact criteria and nomenclature</li> <li>- system response and other examiner cues</li> <li>- statements describing important observations to be made by the applicant</li> <li>- criteria for successful completion of the task</li> <li>- identification of critical steps and their associated performance standards</li> <li>- restrictions on the sequence of steps, if applicable</li> </ul> </li> </ul>		an	an	an
b.	Repetition from operating tests used during the previous licensing examination is within acceptable limits (30% for the walk-through) and do not compromise test integrity.		an	an	an
c.	At least 20 percent of the JPMs on each test are new or significantly modified.		an	an	an
3. SIMULATOR CRITERIA			--	--	--
a.	The associated simulator operating tests (scenario sets) have been reviewed in accordance with Form ES-301-4 and a copy is attached.		an	an	an
Printed Name / Signature			Date		
a.	Author <u>DAVID M. WANDSCHNEIDER</u>		<u>9-9-04</u>		
b.	Facility Reviewer(*) <u>Gregg R. Pitts</u>		<u>9/9/04</u>		
c.	NRC Chief Examiner (*) <u>John G. Cawse</u>		<u>10/27/04</u>		
d.	NRC Supervisor (*) <u>R. J. Conte</u>		<u>10/28/04</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: <b>NINE MILE POINT 1</b>		Date of Examination: <b>NOVEMBER 1, 2004</b>		Operating Test Number: <b>RO</b>	
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).		am	dup	JA
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.		am	dup	JA
c.	The operating test shall not duplicate items from the applicants' audit test(s) (see Section D.1.a).		am	dup	JA
d.	Overlap with the written examination and between operating test is within acceptable limits.		am	dup	JA
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.		am	dup	JA
2. WALK-THROUGH CRITERIA			--	--	--
a.	Each JPM includes the following, as applicable: <ul style="list-style-type: none"> <li>• initial conditions</li> <li>• initiating cues</li> <li>• references and tools, including associated procedures</li> <li>• reasonable and validated time limits (average time allowed for completion) and specific designation if deemed to be time critical by the facility licensee</li> <li>• specific performance criteria that include: <ul style="list-style-type: none"> <li>- detailed expected actions with exact criteria and nomenclature</li> <li>- system response and other examiner cues</li> <li>- statements describing important observations to be made by the applicant</li> <li>- criteria for successful completion of the task</li> <li>- identification of critical steps and their associated performance standards</li> <li>- restrictions on the sequence of steps, if applicable</li> </ul> </li> </ul>		am	dup	JA
b.	Repetition from operating tests used during the previous licensing examination is within acceptable limits (30% for the walk-through) and do not compromise test integrity.		am	dup	JA
c.	At least 20 percent of the JPMs on each test are new or significantly modified.		am	dup	JA
3. SIMULATOR CRITERIA			--	--	--
a.	The associated simulator operating tests (scenario sets) have been reviewed in accordance with Form ES-301-4 and a copy is attached.		am	dup	JA
Printed Name / Signature			Date		
a. Author	David M Wandschneider		9-9-04		
b. Facility Reviewer(*)	Gregg R. Pitts		9/9/04		
c. NRC Chief Examiner (*)	John G. Canoso		10/26/04		
d. NRC Supervisor (*)	R. J. Canale		10/27/04		
<p>NOTE: * The facility signature is not applicable for NRC-developed tests.</p> <p># Independent NRC reviewer initial items in Column "c": chief examiner concurrence required.</p>					



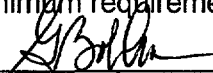
Facility: <b>NINE MILE POINT 1</b> Date of Exam: <b>NOVEMBER 1, 2004</b> Scenario Numbers: <b>1/2/3/ALT</b> Operating Test No.: <b>01</b>					
QUALITATIVE ATTRIBUTES			Initials		
			a	b*	c#
1.	The initial conditions are realistic, in that some equipment and/or instrumentation may be out of service, but it does not cue the operators into expected events.		<i>am</i>	<i>dup</i>	<i>ja</i>
2.	The scenarios consist mostly of related events.		<i>am</i>	<i>dup</i>	<i>ja</i>
3.	Each event description consists of <ul style="list-style-type: none"> <li>the point in the scenario when it is to be initiated</li> <li>the malfunction(s) that are entered to initiate the event</li> <li>the symptoms/cues that will be visible to the crew</li> <li>the expected operator actions (by shift position)</li> <li>the event termination point (if applicable)</li> </ul>		<i>am</i>	<i>dup</i>	<i>ja</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>am</i>	<i>dup</i>	<i>ja</i>
5.	The events are valid with regard to physics and thermodynamics.		<i>am</i>	<i>dup</i>	<i>ja</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>am</i>	<i>dup</i>	<i>ja</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>am</i>	<i>dup</i>	<i>ja</i>
8.	The simulator modeling is not altered.		<i>am</i>	<i>dup</i>	<i>ja</i>
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>am</i>	<i>dup</i>	<i>ja</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>am</i>	<i>dup</i>	<i>ja</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>am</i>	<i>dup</i>	<i>ja</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>am</i>	<i>dup</i>	<i>ja</i>
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.		<i>am</i>	<i>dup</i>	<i>ja</i>
<b>*TARGET QUANTITATIVE ATTRIBUTES (PER SCENARIO; SEE SECTION D.5.d)</b>		Actual Attributes 1 / 2 / 3 / alt	--	--	--
1.	Total malfunctions (5-8)	<i>5 / 5 / 5 / 5</i>	<i>am</i>	<i>dup</i>	<i>ja</i>
2.	Malfunctions after EOP entry (1-2)	<i>2 / 2 / 2 / 1</i>	<i>am</i>	<i>dup</i>	<i>ja</i>
3.	Abnormal events (2-4)	<i>4 / 3 / 3 / 4</i>	<i>am</i>	<i>dup</i>	<i>ja</i>
4.	Major transients (1-2)	<i>2 / 2 / 1 / 1</i>	<i>am</i>	<i>dup</i>	<i>ja</i>
5.	EOPs entered/requiring substantive actions (1-2)	<i>2 / 2 / 2 / 2</i>	<i>am</i>	<i>dup</i>	<i>ja</i>
6.	EOP contingencies requiring substantive actions (0-2)	<i>1 / 1 / 1 / 1</i>	<i>am</i>	<i>dup</i>	<i>ja</i>
7.	Critical tasks (2-3)	<i>2 / 3 / 2 / 2</i>	<i>am</i>	<i>dup</i>	<i>ja</i>

OPERATING TEST NO. RO Delfino (Evaluator Johnson)  
Tsardakas (Evaluator Williams)

Applicant Type	Evolution Type	Minimum Number	Scenario Number			
			1	2	3	4
RO	Reactivity	1*	2, 5	4		
	Normal	1*	1			
	Instrument/Component	4*	4, 6, 9, 10	7		
	Major	1*	7, 8	5, 6		
			BOP	ATC		
As RO	Reactivity	1*				
	Normal	0*				
	Instrument/Component	2*				
	Major	1*				
SRO-I	Reactivity	0				
	Normal	1*				
	Instrument/Component	2*				
	Major	1				
As SRO	Reactivity	0				
	Normal	1*				
	Instrument/Component	2*				
	Major	1				
SRO-U	Reactivity	0				
	Normal	1*				
	Instrument/Component	2*				
	Major	1				

- Instructions: (1) Enter the operating test number and Form ES-D-1 event numbers for each evolution type.
- (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.

Author:

 10/21/04

NRC Reviewer:

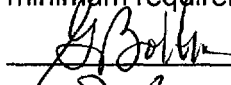
 10/25/04

## OPERATING TEST NO. SRO Instant McInnis (Evaluator Caruso)

Applicant Type	Evolution Type	Minimum Number	Scenario Number			
			1	2	3	4
RO	Reactivity	1*				
	Normal	1*				
	Instrument/Component	4*				
	Major	1*				
As RO	Reactivity	1*		4		
	Normal	0*			1	
	Instrument/Component	2*		7	<del>2,3,4,5,6,7,8,9</del>	
	Major	1*		5,6	6,8,7a,7b	
				ATC	BOP	
As SRO	Reactivity	0	2,5			
	Normal	1*	1			
	Instrument/Component	2*	3,4,6,9,10			
	Major	1	7,8			
			SRO			
SRO-U	Reactivity	0				
	Normal	1*				
	Instrument/Component	2*				
	Major	1				


- Instructions: (1) Enter the operating test number and Form ES-D-1 event numbers for each evolution type.
- (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.

Author:



10/21/04

NRC Reviewer:



10/26/04

OPERATING TEST NO. SRO Instant Spears (Evaluator Williams)  
Rossignol (Evaluator Johnson)

Applicant Type	Evolution Type	Minimum Number	Scenario Number				
			1	2	3	4	
RO	Reactivity	1*					
	Normal	1*					
	Instrument/Component	4*					
	Major	1*					
As RO	Reactivity	1*	2,5				
	Normal	0*	1		1		
	Instrument/Component	2*	3		2,3,4,8,7a,9		
	Major	1*	7,8		6,8,7a,7b		
			ATC		BOP		
	SRO-I						
		Reactivity	0		4		
		Normal	1*		1		
		Instrument/Component	2*		2,3,4,7,8		
		Major	1		6,7,5,6		
As SRO				SRO			
	Reactivity	0					
	Normal	1*					
	Instrument/Component	2*					
	Major	1					
SRO-U							
	Reactivity	0					
	Normal	1*					
	Instrument/Component	2*					
	Major	1					

- Instructions: (1) Enter the operating test number and Form ES-D-1 event numbers for each evolution type.
- (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.

Author:

*G. B. Smith* 10/21/04

NRC Reviewer:

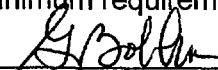
*J. Rossignol* 10/26/04

## OPERATING TEST NO. RO Stuehler (Evaluator Johnson)

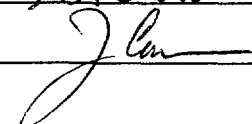
Applicant Type	Evolution Type	Minimum Number	Scenario Number			
			1	2	3	4
RO	Reactivity	1*	2,5			
	Normal	1*	1	1		
	Instrument/Component	4*	3	2,3,7 8		
	Major	1*	7,8	5,6		
			ATC	BOP		
As RO	Reactivity	1*				
	Normal	0*				
	Instrument/Component	2*				
	Major	1*				
SRO-I						
	Reactivity	0				
	Normal	1*				
	Instrument/Component	2*				
	Major	1				
As SRO						
	Reactivity	0				
	Normal	1*				
	Instrument/Component	2*				
	Major	1				
SRO-U						
	Reactivity	0				
	Normal	1*				
	Instrument/Component	2*				
	Major	1				

- Instructions: (1) Enter the operating test number and Form ES-D-1 event numbers for each evolution type.
- (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.

Author:

 10/21/04

NRC Reviewer:

 10/26/04

## OPERATING TEST NO. RO O'Brien (Evaluator Williams)

Applicant Type	Evolution Type	Minimum Number	Scenario Number			
			1	2	3	4
RO	Reactivity	1*			5	
	Normal	1*	1			
	Instrument/Component	4*	4,6,9,10		3	
	Major	1*	7,8		6, 8 7	
			BOP		ATC	
As RO	Reactivity	1*				
	Normal	0*				
	Instrument/Component	2*				
	Major	1*				
SRO-I						
	Reactivity	0				
	Normal	1*				
	Instrument/Component	2*				
	Major	1				
As SRO						
	Reactivity	0				
	Normal	1*				
	Instrument/Component	2*				
	Major	1				
SRO-U						
	Reactivity	0				
	Normal	1*				
	Instrument/Component	2*				
	Major	1				

- Instructions: (1) Enter the operating test number and Form ES-D-1 event numbers for each evolution type.
- (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.

Author:

NRC Reviewer:

GBollen 10/21/04

J. Lee 10/26/04

OPERATING TEST NO. SRO Instant Pettit (Evaluator Caruso), Payne (Evaluator Caruso)

Applicant Type	Evolution Type	Minimum Number	Scenario Number			
			1	2	3	4
RO	Reactivity	1*				
	Normal	1*				
	Instrument/Component	4*				
	Major	1*				
As RO  SRO-I  As SRO	Reactivity	1*			5	
	Normal	0*		1		
	Instrument/Component	2*		2,3,7 8	6,3	
	Major	1*		5,6	6, 8, 7	
				BOP	ATC	
	Reactivity	0	2,5			
	Normal	1*	1			
	Instrument/Component	2*	3,4,6,9,10			
	Major	1	7,8			
			SRO			
SRO-U	Reactivity	0				
	Normal	1*				
	Instrument/Component	2*				
	Major	1				

- Instructions: (1) Enter the operating test number and Form ES-D-1 event numbers for each evolution type.
- (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.

Author:

NRC Reviewer:

*[Signature]*  
*[Signature]*

10/21/04  
 10/26/04

Competencies	SRO Instant Applicant Spears; Rossignol			SRO Instant Applicant Pettit; Payne		
	SCENARIO			SCENARIO		
	1 ATC	2 SRO	3 BOP	1 SRO	2 BOP	3 ATC
Interpret/Diagnose Events and Conditions	3	2,3	2,4	3	2,5	5,6,7,8
Comply With and Use Procedures (1)	1, 2,3, 5	1,5,6,7	1,4	3,7,8	1,2,3,6	5,6,7,8
Operate Control Boards (2)	3,5,7		1,2,3 4,7,9		1,2,3,6, 8	5,6,7,8
Communicate and Interact	2,3,5 7,8,9	1,2,3 4,5,6,7	1,2,3 4,7,8,9	1,2,3 4,5,6 7,8,9	1,2,3,6, 7,8	5,6,7,8
Demonstrate Supervisory Ability (3)		1,2,3 4,5,6		2,3,4 7,8,9		
Comply With and Use Tech. Specs. (3)		1,2		3,4		

## Notes:

- (1) Includes Technical Specification compliance for an RO.  
 (2) Optional for an SRO-U.  
 (3) Only applicable to SROs.

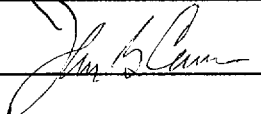
## Instructions:

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:

 10/21/04

NRC Reviewer:

 10/26/04



Competencies	SRO Instant Applicant			SRO Instant Applicant McInnis		
	SCENARIO			SCENARIO		
	1	2	3	1 SRO	2 ATC	3 BOP
Interpret/Diagnose Events and Conditions				3	6	2,4
Comply With and Use Procedures (1)				3,7,8	5,6	1,4
Operate Control Boards (2)					4,5,6	1,2,3 4,7,9
Communicate and Interact				1,2,3 4,5,6 7,8,9	4,5,6,7	1,2,3 4,7,8,9
Demonstrate Supervisory Ability (3)				2,3,4 7,8,9		
Comply With and Use Tech. Specs. (3)				3,4		

## Notes:

- (1) Includes Technical Specification 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:

G. Boblin 10/21/04

NRC Reviewer:

J. Cam 10/26/04

Competencies	RO Applicant Tsardakas; Delfino		RO Applicant Stuehler	
	SCENARIO		SCENARIO	
	1 BOP	2 ATC	1 ATC	2 BOP
Interpret/Diagnose Events and Conditions	4,6,9,10	6	3	2,5
Comply With and Use Procedures (1)	1,4,6	5,6	2,3	1,2,3,6
Operate Control Boards (2)	1,4,6	4,5,6	3,5,7	1,2,3,6,8
Communicate and Interact	1,4,6,9,10	4,5,6,7	2,3,5,7,8,9	1,2,3,6,7,8
Demonstrate Supervisory Ability (3)				
Comply With and Use Tech. Specs. (3)				

## Notes:

- (1) Includes Technical Specification 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:

G. Bolte 10/21/04

NRC Reviewer:

J. Lane 10/26/04

Competencies	RO Applicant O'Brien		RO Applicant	
	SCENARIO		SCENARIO	
	1 BOP	3 ATC	1	2
Interpret/Diagnose Events and Conditions	4,6,9,10	5,6,7,8		
Comply With and Use Procedures (1)	1,4,6	5,6,7,8		
Operate Control Boards (2)	1,4,6	5,6,7,8		
Communicate and Interact	1,4,6,9,10	5,6,7,8		
Demonstrate Supervisory Ability (3)				
Comply With and Use Tech. Specs. (3)				

## Notes:

- (1) Includes Technical Specification 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:

*G. Balda* 10/21/04

NRC Reviewer:

*J. Kamm* 10/26/04

Facility: <b>NINE MILE POINT 1</b>		Date of Exam: <b>NOVEMBER 1, 2004</b>		Exam Level: <b>SRO</b>			
Item Description				Initial			
				a	b*	c#	
1.	Questions and answers technically accurate and applicable to facility			an	W	JL	
2.	a. NRC K/As referenced for all questions b. Facility learning objectives referenced as available			an	W	JL	
3.	SRO questions are appropriate per Section D.2.d of ES-401			an	W	JL	
4.	Question selection and duplication from the last two NRC licensing exams appears consistent with a systematic sampling process					JL	
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)			an	W	JL	
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 at right	Bank	Modified	New	an	W	JL
		2 (8%)	0	23 (92%)			
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 question distribution at right	Memory	C/A		an	W	JL
		* 5 40% JL (20%)	* 20 45% JL (80%)				
8.	References/handouts provided do not give away answers			an	W	JL	
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			an	W	JL	
10.	Question psychometric quality and format meet ES, Appendix B, guidelines			an	W	JL	
11.	The exam contains the required number of one-point, multiple choice items; the total is correct and agrees with value on cover sheet			an	W	JL	
Printed Name / Signature				Date			
a. Author	<i>[Signature]</i>			9/9/04			
b. Facility Reviewer(**)	<i>[Signature]</i>			9/9/04			
c. NRC Chief Examiner(#)	<i>[Signature]</i> JOHN CARUSO			11/15/04			
d. NRC Regional Supervisor(**)	<i>[Signature]</i> R. J. Conte			11/15/04			
Note: * The facility reviewer's signature is not applicable for NRC-developed examinations. # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.							

\* per tel con with marketing Adjusted # 5 for Black # 7 JLC 11/15/04  
 NUREG-1021, Draft Revision 9

Facility: <b>NINE MILE POINT 1</b>		Date of Exam: <b>NOVEMBER 1, 2004</b>		Exam Level: <b>RO</b>		
Item Description				Initial		
				a	b*	c#
1.	Questions and answers technically accurate and applicable to facility			<i>RM</i>	<i>W</i>	<i>JH</i>
2.	a. NRC K/As referenced for all questions b. Facility learning objectives referenced as available			<i>RM</i>	<i>W</i>	<i>JH</i>
3.	SRO questions are appropriate per Section D.2.d of ES-401			NA	NA	NA
4.	Question selection and duplication from the last two NRC licensing exams appears consistent with a systematic sampling process					<i>JH</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>RM</i>	<i>W</i>	<i>JH</i>
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 at right	Bank <i>*44/3</i> (10%)	Modified <i>*8-5</i> (7%)	New <i>*55-5</i> (74%)	<i>RM</i>	<i>JH</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 question distribution at right	Memory <i>17.3%</i>	CIA <i>6.7%</i>	<i>76%</i>	<i>RM</i>	<i>JH</i>
8.	References/handouts provided do not give away answers			<i>RM</i>	<i>W</i>	<i>JH</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>RM</i>	<i>W</i>	<i>JH</i>
10.	Question psychometric quality and format meet ES, Appendix B, guidelines			<i>RM</i>	<i>W</i>	<i>JH</i>
11.	The exam contains the required number of one-point, multiple choice items; the total is correct and agrees with value on cover sheet			<i>RM</i>	<i>W</i>	<i>JH</i>
<p>Printed Name / Signature</p> <p>a. Author <i>John M. Warden</i></p> <p>b. Facility Reviewer(*) <i>John M. Warden</i></p> <p>c. NRC Chief Examiner(#) <i>John Capurso</i></p> <p>d. NRC Regional Supervisor(*) <i>R.T. Conner</i></p> <p>Date</p> <p><i>9/9/04</i></p> <p><i>9/9/04</i></p> <p><i>11/15/04</i></p> <p><i>11/15/04</i></p>						
<p>Note: * The facility reviewer's signature is not applicable for NRC-developed examinations. # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.</p>						

NUREG-1021, Draft Revision 9

\* per telecon with facility Adjusted #5 for Block #6 JH 11/15/04

Facility: <u>Nine Mile Point Unit 1</u>		Date of Exam: <u>Nov 23, 2004</u>		Exam Level: <u>RO/SRO</u>		
Item Description	Initials					
	a	b	c			
1. Clean answer sheets copied before grading	<u>Don</u>	<u>W</u>	<u>JH</u>			
2. Answer key changes and question deletions justified and documented <u>None one</u>	<u>Don</u>	<u>W</u>	<u>JH</u>			
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<u>Don</u>	<u>W</u>	<u>JH</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>Don</u>	<u>W</u>	<u>JH</u>			
5. All other failing examinations checked to ensure that grades are justified	<u>Don</u>	<u>W</u>	<u>JH</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>Don</u>	<u>W</u>	<u>JH</u>			
Printed Name/Signature			Date			
a. Grader	<u>DAVID WANDSCHWEIDER</u>			<u>12/10/04</u>		
b. Facility Reviewer(*)	<u>Michael C. Jaguin</u>			<u>12/10/04</u>		
c. NRC Chief Examiner (*)	<u>John G. Canuso</u>			<u>1/5/05</u>		
d. NRC Supervisor (*)	<u>AJ Conte</u>			<u>1/13/05</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 1</u>		Date of Exam: <u>Nov 23, 2004</u>		Exam Level: RO <u>(SRO)</u>	
Item Description	Initials				
	a	b	c		
1. Clean answer sheets copied before grading	<u>per</u>	<u>WJ</u>	<u>JH</u>		
2. Answer key changes and question deletions justified and documented <u>None ONE</u>	<u>per</u>	<u>WJ</u>	<u>JH</u>		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<u>per</u>	<u>WJ</u>	<u>JH</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>per</u>	<u>WJ</u>	<u>JH</u>		
5. All other failing examinations checked to ensure that grades are justified	<u>per</u>	<u>WJ</u>	<u>JH</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>per</u>	<u>WJ</u>	<u>JH</u>		
Printed Name/Signature		Date			
a. Grader	<u>DAVID WANDSCHNEIDER / [Signature]</u>	<u>12/10/04</u>			
b. Facility Reviewer(*)	<u>Michael C. Jaquin / [Signature]</u>	<u>12/10/04</u>			
c. NRC Chief Examiner (*)	<u>John G. Canosa / [Signature]</u>	<u>1/5/05</u>			
d. NRC Supervisor (*)	<u>R.J. Conte / [Signature]</u>	<u>1/13/05</u>			
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					