

Due Date	Chief	Facility/ Task	Description	Date Complete	Initial	Notes
5/15/05	MEM	STP IN EX	Exam/Inspection Schedule Agreement (C.1.a;C.2.a&b)	5/17/05	mmf	
5/15/05	MEM	STP IN EX	NRC Staff & Fac. Contact Assigned (C.1.c;C.2.e)	5/17/05	mmf	
5/15/05	MEM	STP IN EX	Facility contact briefed on security & other issues (C.2.c)	5/17/05	mmf	
5/15/05	MEM	STP IN EX	Corp. Notification Letter Sent (C.2.d) (Exams only)	5/18/05	mmf	
9/27/05	MEM	STP IN EX	Inspection Announcement Letter Sent (PIR & LORT if req'd)	N/A	—	
8/13/05	MEM	STP IN EX	Task Expectations, Issues, & Standards Discussed w/ BC	5/16/05	mmf	
7/14/05	MEM	STP IN EX	[Reference Material Due (C.1.d;C.3.c)	4/14/05	mmf	
7/14/05	MEM	STP IN EX	Integrated Exam Outlines Due (C.1.d&e;C.3.d)	6/20/05	mmf	
7/28/05	MEM	STP IN EX	Outlines reviewed by NRC & Feedback Sent (c.2.h;C.3.e)	6/23/05	mmf	
10/12/05	MEM	STP IN EX	Preliminary Applications Due (C.1.j;C.2.g;ES202)	10/12/05	mmf	
9/12/05	MEM	STP IN EX	Draft Exams w/ Doc./Ref. Due (C.1.d/e/f;C.3.d)	9/12/05	mmf	
9/22/05	MEM	STP IN EX	Peer Reviewer Initials As Reviewed All Parts*	9/22/05	MMF	
9/22/05	MEM	STP IN EX	NRC Supervisor. Initials Approving for Fac. Rev. (C.2.h;C.3.f)*	9/22/05	mmf	
9/22/05	MEM	STP IN EX	Exams Reviewed w/ Fac. (C.1.h;C.2.f&h;C.3.g)	9/22/05	mmf	
10/28/05	MEM	STP IN EX	Final Appl. Due & Assign. Sheet Prepared (C.1.j;C.2.h;ES202)	10/28/05	mmf	
11/4/05	MEM	STP IN EX	NRC Supervisor Approved Final Exams (C.2.i;C.3.h)*	11/9/05	mmf	
10/21/05	MEM	STP IN EX	Director debrief (PIR Only)	N/A		
11/4/05	MEM	STP IN EX	Final Appl. Rec'd & Waivers Sent (C.2.g)	11/4/05	mmf	

# Assignment Tickler: **Mike Murphy, STP IN EX**

Replaces NUREG-1021, Revision 9, ES Forms 201-1 and 501-1

11/4/05	MEM	STP IN EX	Proctor Rules Reviewed w/ Fac. & Written Authorized (C.3.k)	11/4/05	MEM	
11/4/05	MEM	STP IN EX	Exam/Insp Material to Team (C.3.i)	11/4/05	MEM	
11/23/05	MEM	STP IN EX	Fac. graded exam & Comments Rec'd	12/1/05	MEM	
11/11/05	MEM	STP IN EX	Administer Exam/Conduct Inspection	11/11/05	MEM	
11/26/05	MEM	STP IN EX	NRC Written Grading Completed	12/5/05	MEM	
11/26/05	MEM	STP IN EX	Examiners Finished Grading Op. Tests	11/26/05	MEM	
12/6/05	MEM	STP IN EX	NRC Ch. Ex. Review Completed	12/8/05	MEM	
12/7/05	MEM	STP IN EX	NRC BC Review Completed*	1/13/05	MEM	
12/12/05	MEM	STP IN EX	RPS/IP # Examinees Updated Before Report Issued	12/12/05	MEM	
12/12/05	MEM	STP IN EX	License/Denials Signed & Report Issued	1/13/06	MEM	
1/2/06	MEM	STP IN EX	Package Closed Out	6/13/06	MEM	
2/9/06	MEM	STP IN EX	Chief QA of ADAMS	6/5/07	MEM	



Facility: South Texas Project

Date of Examination: 11/14/2005

Item	Task Description	Initials		
		a	b*	c#
1. W R I T E N	a. Verify that the outline(s) fit(s) the appropriate model per ES-401.			
	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.	N A	N A	N A
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.			
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	BIR		MMH
2. S I M	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.	MMH	J	MMH
	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 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.	MMH	J	MMH
	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.	MMH	J	MMH
3. W I 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.	MMH	J	MMH
	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 exams.	MMH	J	MMH
	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.	MMH	J	MMH
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 section.	MMH	J	MMH
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	MMH	J	MMH
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	MMH	J	MMH
	d. Check for duplication and overlap among exam sections.	MMH	J	MMH
	e. Check the entire exam for balance of coverage.	MMH	J	MMH
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	MMH	J	MMH

a. Author

BRIAN LARSON  
Mike DeFrees

b. Facility Reviewer(\*)

Jim Calvert

c. Chief Examiner(#)

M.E. MURPHY

d. NRC Supervisor

A.T. GARY

Printed Name / Signature

Date  
10/3/2005  
10/3/2005  
11/8/05  
11/8/05

Note: # Independent NRC reviewer initial items in Column "c"; \* chief examiner concurrence required.

Facility: STPDate of Exam: 11/14/05

Exam Level: RO/SRO

Item Description	Initial		
	a	b*	c#
1. Questions and answers are technically accurate and applicable to the facility.	BR	N/A	mm
2. a. NRC K/As are referenced for all questions. b. Facility learning objectives are referenced as available.	BR	N/A	mm
3. SRO questions are appropriate in accordance with Section D.2.d of ES-401	BR	N/A	mm
4. The facility licensee's sampling process was random and systematic (i.e., no more than 4 RO and/or 2 SRO questions were repeated from the last 2 NRC licensing exams).	N/A	N/A	N/A
5. Question duplication from the license screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate: <input 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 checked="" type="checkbox"/> the examinations were developed independently <input type="checkbox"/> the licensee certifies that there is no duplication <input type="checkbox"/> other (explain)	BR	N/A	mm
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 25/11	Modified 7/10	New 43/24
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 37/18	C/A 38/17	BR
8. References/handouts provided do not give away answers or aid in the elimination of distractors.	BR	N/A	mm
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.	BR	N/A	mm
10. Question psychometric quality and format meet the guidelines in ES Appendix B.	BR	N/A	mm
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.	BR	N/A	mm

	Printed Name / Signature	Date
a. Author	<u>BRIAN T. LARSON</u>	<u>11/1/05</u>
b. Facility Reviewer (*)	<u>N/A</u>	
c. NRC Chief Examiner (#)	<u>MICHAEL E. MURPHY</u>	<u>11/14/05</u>
d. NRC Regional Supervisor	<u>A.T. GDDY</u>	<u>11/14/05</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: South Texas Project

Date of Examination: 11/14/2005

Operating Test Number: 1

## 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).

b. There is no day-to-day repetition between this and other operating tests to be administered during this examination.

c. The operating test shall not duplicate items from the applicants' audit test(s) (see Section D.1.a).

d. Overlap with the written examination and between different parts of the operating test is within acceptable limits. NA for STP: the NRC developed the Written Exam

e. It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.

## 2. WALK-THROUGH CRITERIA

a. Each JPM includes the following, as applicable:

- 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:
  - 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

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.

## 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. *See updated outline attached*

Printed Name / Signature

Date

a. Author

*Mike Detre**10/13/2005*

b. Facility Reviewer(\*)

*James H. Cahert**10/13/2005*

c. NRC Chief Examiner (#)

*M.E. Murphy**11/8/05*

d. NRC Supervisor

*A.T. Gony**11/8/05*

NOTE: \* The facility signature is not applicable for NRC-developed tests.

# Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.

Facility: South Texas Project

Date of Exam: 11/14/2005

Scenario Numbers: 1 / 2 / 3

Operating Test No.: 1

## 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>WDD</i>	<i>JE</i>	<i>WDD</i>
2.	The scenarios consist mostly of related events.	<i>WDD</i>	<i>JE</i>	<i>WDD</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>WDD</i>	<i>JE</i>	<i>WDD</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>WDD</i>	<i>JE</i>	<i>WDD</i>
5.	The events are valid with regard to physics and thermodynamics.	<i>WDD</i>	<i>JE</i>	<i>WDD</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>WDD</i>	<i>JE</i>	<i>WDD</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.	N A	N A	<i>WDD</i>
8.	The simulator modeling is not altered.	<i>WDD</i>	<i>JE</i>	<i>WDD</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>WDD</i>	<i>JE</i>	<i>WDD</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>WDD</i>	<i>JE</i>	<i>WDD</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>WDD</i>	<i>JE</i>	<i>WDD</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>WDD</i>	<i>JE</i>	<i>WDD</i>
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	<i>WDD</i>	<i>JE</i>	<i>WDD</i>

## TARGET QUANTITATIVE ATTRIBUTES (PER SCENARIO; SEE SECTION D.5.d)

## Actual Attributes

--

--

--

1.	Total malfunctions (5-8)	6 / 6 / 6	<i>WDD</i>	<i>JE</i>	<i>WDD</i>
2.	Malfunctions after EOP entry (1-2)	2 / 3 / 2	<i>WDD</i>	<i>JE</i>	<i>WDD</i>
3.	Abnormal events (2-4)	3 / 3 / 2	<i>WDD</i>	<i>JE</i>	<i>WDD</i>
4.	Major transients (1-2)	1 / 1 / 1	<i>WDD</i>	<i>JE</i>	<i>WDD</i>
5.	EOPs entered/requiring substantive actions (1-2)	2 / 3 / 2	<i>WDD</i>	<i>JE</i>	<i>WDD</i>
6.	EOP contingencies requiring substantive actions (0-2)	1 / 1 / 1	<i>WDD</i>	<i>JE</i>	<i>WDD</i>
7.	Critical tasks (2-3)	2 / 2 / 3	<i>WDD</i>	<i>JE</i>	<i>WDD</i>



Facility: South Texas Project Date of Exam: 11/14/2005 Scenario Numbers: Backup Operating Test No.: 1

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.	ADD	gc	mm
2.	The scenarios consist mostly of related events.	ADD	gc	mm
3.	Each event description consists of · 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)	ADD	gc	mm
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.	ADD	gc	mm
5.	The events are valid with regard to physics and thermodynamics.	ADD	gc	mm
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.	ADD	gc	mm
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.	N A	N A	
8.	The simulator modeling is not altered.	ADD	gc	mm
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.	ADD	gc	mm
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.	ADD	gc	mm
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).	ADD	gc	mm
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).	ADD	gc	mm
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	ADD	gc	mm
TARGET QUANTITATIVE ATTRIBUTES (PER SCENARIO; SEE SECTION D.5.d)		Actual Attributes	--	--
1.	Total malfunctions (5-8)	4 / /	ADD	gc
2.	Malfunctions after EOP entry (1-2)	0 / /	ADD	gc
3.	Abnormal events (2-4)	3 / /	ADD	gc
4.	Major transients (1-2)	1 / /	ADD	gc
5.	EOPs entered/requiring substantive actions (1-2)	2 / /	ADD	gc
6.	EOP contingencies requiring substantive actions (0-2)	1 / /	ADD	gc
7.	Critical tasks (2-3)	2 / /	ADD	gc

FACILITY: SOUTH TEXAS PROJECT

DATE OF EXAM: 11/14/2005

OPERATING TEST NO.: 1

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 <sup>(*)</sup>		
		1			2			3			4				R	I	U
		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  SRO-I  SRO-U	RX	0												0	1	1	0
	NOR	1												1	1	1	1
	I/C	5												5	4	4	2
	MAJ	1												1	2	2	1
	TS	2												2	0	2	2
RO  SRO-I  SRO-U	RX		0		0									0	1	1	0
	NOR		1		1									2	1	1	1
	I/C		3		5									8	4	4	2
	MAJ		1		1									2	2	2	1
	TS		NA		2									2	0	2	2
RO  SRO-I  SRO-U	RX			0		0	S U R R O G A T E							0	1	1	0
	NOR			1		1								2	1	1	1
	I/C			2		3								5	4	4	2
	MAJ			1		1								2	2	2	1
	TS			NA		NA								NA	0	2	2
RO  SRO-I  SRO-U	RX			S U R R O G A T E		0	S U R R O G A T E	0	S U R R O G A T E	S U R R O G A T E				0	1	1	0
	NOR					1		0						1	1	1	1
	I/C					3		5						8	4	4	2
	MAJ					1		1						2	2	2	1
	TS					NA		2						2	0	2	2

## Instructions:

- 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.
- 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.

Note: Crew assignments assume all possible surrogate positions are filled by a surrogate (i.e. no credit is given for any positions other than the minimum required)



Facility: South Texas Project Date of Examination: 11/14/2005 Operating Test No.: 1

Competencies	APPLICANTS															
	RO/SRO-I/SRO-U				RO/SRO-I/SRO-U				RO/SRO-I/SRO-U				RO/SRO-I/SRO-U			
	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 5,7				1,2 5,7	2-7	1-5		3,5 6	2-7						
Comply With and Use Procedures (1)	All				1,2 4	2-7	All		3,4 5,6	All						
Operate Control Boards (2)	NA				1,2 4,5	S*	S*		3,4 5,6	All						
Communicate and Interact	All				1,2 4,5	All	All		3,4 5,6	2-7						
Demonstrate Supervisory Ability (3)	2,5 6,7				NA	2-7	1-5		NA	NA						
Comply With and Use Tech. Specs. (3)	1,2				NA	2,3	1,2		NA	NA						

**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.

\*S: denotes surrogate position

Facility: STP

Date of Exam:

Exam Level: RO/SRO

Item Description	Initials		
	a	b	c
1. Clean answer sheets copied before grading	<u>BR</u>	<u>N/A</u>	<u>Initial</u>
2. Answer key changes and question deletions justified and documented	<u>BR</u>	<u>N/A</u>	<u>Initial</u>
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<u>BR</u>	<u>N/A</u>	<u>Initial</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>BR</u>	<u>N/A</u>	<u>Initial</u>
5. All other failing examinations checked to ensure that grades are justified	<u>BR</u>	<u>N/A</u>	<u>Initial</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>BR</u>	<u>N/A</u>	<u>Initial</u>

	Printed Name/Signature	Date
a. Grader	<u>BRIAN T. LARSON / Brian Larson</u>	<u>12/5/05</u>
b. Facility Reviewer(*)	<u>N/A</u>	
c. NRC Chief Examiner (*)	<u>MICHAEL E. MURPHY / Michael Murphy</u>	<u>12/5/05</u>
d. NRC Supervisor (*)	<u>A.T. Goss / A.T. Goss</u>	<u>12/20/05</u>

(\*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.



06/12/2006

10:06:55

Report 21

## Operator Licensing Exam Schedule

From 10/01/2005 To 09/30/2006

Region: 4

Phase Code: 5 Operational

Exam Week	Site/Docket No./Insp Rpt #	# Candidates		Type	Exam Author	Chief Examiner	Examiners Assigned
02/14/2005	South Texas Project / 05000498 / 2005301 TAC #: X02291			Prep	NNF	MURPHY, MICHAEL E.	LARSON, BRIAN T. MURPHY, MICHAEL E.
02/14/2005	South Texas Project / 05000499 / 2005301 TAC #: X02292			Prep	NNF	MURPHY, MICHAEL E.	LARSON, BRIAN T. MURPHY, MICHAEL E.
10/24/2005	South Texas Project / 05000498 / 2005301 TAC #: X02291			Prep	NNF	MURPHY, MICHAEL E.	CLAYTON, KELLY D. LARSON, BRIAN T. MURPHY, MICHAEL E.
10/24/2005	South Texas Project / 05000499 / 2005301 TAC #: X02292			Prep	NNF	MURPHY, MICHAEL E.	CLAYTON, KELLY D. LARSON, BRIAN T. MURPHY, MICHAEL E.
11/14/2005	South Texas Project / 05000498 / 2005301 TAC #: X02291	RO - 3 SROU - 3	SROI - 3	Admin	NNF	MURPHY, MICHAEL E.	CLAYTON, KELLY D. LARSON, BRIAN T. MURPHY, MICHAEL E.
11/14/2005	South Texas Project / 05000499 / 2005301 TAC #: X02292	RO - 3 SROU - 3	SROI - 3	Admin	NNF	MURPHY, MICHAEL E.	CLAYTON, KELLY D. LARSON, BRIAN T. MURPHY, MICHAEL E.
11/21/2005	South Texas Project / 05000498 / 2005301 TAC #: X02291			Doc	NNF	MURPHY, MICHAEL E.	SANCHEZ, ALFRED CLAYTON, KELLY D. LARSON, BRIAN T. MURPHY, MICHAEL E.
11/21/2005	South Texas Project / 05000499 / 2005301 TAC #: X02292			Doc	NNF	MURPHY, MICHAEL E.	CLAYTON, KELLY D. LARSON, BRIAN T. MURPHY, MICHAEL E. SANCHEZ, ALFRED



South Texas Project Electric Generating Station P.O. Box 289 Wadsworth, Texas 77483

December 1, 2005  
NOC-AE-05001953  
File No. G30.01  
10CFR55  
STI- 31963572

Mr. Mike Murphy  
Chief Examiner, Region IV  
U.S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011-8064

South Texas Project  
Units 1 and 2  
Docket Nos. STN 50-498; STN 50-499  
Exam Security Agreements

The NRC License exam was administered 11/11/05 through 11/18/05 at the South Texas Project. In accordance with NUREG 1021, Operator Licensing Examination Standards for Power Reactors, STP Nuclear Operating Company is submitting the following exam materials:

- Exam Security Agreements
  - Written Exam dated 11/11/05
  - Operational Exam Development and Validation dated 11/14/05
  - LOT 15 NRC Exam Development and Validation dated 11/14/05

If you have any questions, please contact me at (361) 972-7435 or Mr. Mike DeFrees, Project Lead for Exam Development at (361) 972-7173.

Sincerely,

A handwritten signature in dark ink that reads "James H. Calvert". The signature is fluid and cursive.

James H. Calvert  
Manager, Operations Training



cc:  
(paper copy)

Bruce S. Mallett  
Regional Administrator, Region IV  
U. S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 400  
Arlington, Texas 76011-8064

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852

Richard A. Ratliff  
Bureau of Radiation Control  
Texas Department of State Health Services  
1100 West 49th Street  
Austin, TX 78756-3189

Jeffrey Cruz  
U. S. Nuclear Regulatory Commission  
P. O. Box 289, Mail Code: MN116  
Wadsworth, TX 77483

C. M. Canady  
City of Austin  
Electric Utility Department  
721 Barton Springs Road  
Austin, TX 78704

(electronic copy)

A. H. Gutterman, Esquire  
Morgan, Lewis & Bockius LLP

David H. Jaffe  
U. S. Nuclear Regulatory Commission

Jack A. Fusco  
Michael A. Reed  
Texas Genco, LP

C. Kirksey  
City of Austin

Jon C. Wood  
Cox Smith Matthews

J. J. Nesrsta  
R. K. Temple  
E. Alarcon  
City Public Service

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 11/11/05 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 11/11/05. 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. Roy Laragon	SRO	Roy Laragon	10/31/05	Roy Laragon	11/14/05	
2. Mike Claxton	RO	M. Claxton	10/31/05	M. Claxton	11/14/05	
3. Tim Hurley	SRO	Tim Hurley	10/31/05	Tim Hurley	11/14/05	
4. Robert Butler	RO	Robert A Butler	10/31/05	Robert A Butler	11/15/05	
5. Vance Veracck	SRO Licensed Instructor	Vance Veracck	11/11/05	Vance Veracck	11/14/05	
6. Warren Mute	SRO Licensed Instructor	Warren Mute	11/11/05	Warren Mute	11/14/05	
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

NOTES:



1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 11/14/05 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 \_\_\_\_\_. 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>Mike DeTrees</u>	<u>Ops Trng Supv</u>	<u>[Signature]</u>	<u>4/29/05</u>	<u>[Signature]</u>	<u>4/18/05</u>	
2. <u>Mike Scott</u>	<u>Sr Sim Spec</u>	<u>[Signature]</u>	<u>4/29/05</u>	<u>[Signature]</u>	<u>4/18/05</u>	
3. <u>DAVID GOODMAN</u>	<u>Sr Sim Spec</u>	<u>[Signature]</u>	<u>4/20/05</u>	<u>[Signature]</u>	<u>12/1/05</u>	
4. <u>ROBERT RAB</u>	<u>SR SIM NETWORKS SPEC</u>	<u>[Signature]</u>	<u>4/20/05</u>	<u>[Signature]</u>	<u>11/21/05</u>	
5. <u>Jim Calvert</u>	<u>Ops Trng Manager</u>	<u>[Signature]</u>	<u>4/20/05</u>	<u>[Signature]</u>	<u>11/18/05</u>	
6. <u>JOEY BRODSKY</u>	<u>Sim Support Supervisor</u>	<u>[Signature]</u>	<u>4/20/05</u>	<u>[Signature]</u>	<u>11/17/05</u>	
7. <u>Bernard F. Neuwahr</u>	<u>Ops Training Instructor</u>	<u>[Signature]</u>	<u>05/10/05</u>	<u>[Signature]</u>	<u>11/28/05</u>	
8. <u>Donald Rohan</u>	<u>Ops Procedures</u>	<u>[Signature]</u>	<u>6/23/05</u>	<u>[Signature]</u>	<u>11/2/05</u>	
9. <u>LANCE STERLING</u>	<u>OPS SUPPORT SUPV / FLO'S</u>	<u>[Signature]</u>	<u>8/31/05</u>	<u>[Signature]</u>	<u>11/28/05</u>	
10. <u>Timothy Boyant</u>	<u>Operations Unit Supervisor</u>	<u>[Signature]</u>	<u>9/28/05</u>	<u>[Signature]</u>	<u>11/28/05</u>	
11. <u>Chris Kalka</u>	<u>Ops Reactor Operator</u>	<u>[Signature]</u>	<u>9/28/05</u>	<u>[Signature]</u>	<u>12/1/05</u>	
12. <u>Jimmy Oliver</u>	<u>Ops Reactor Operator</u>	<u>[Signature]</u>	<u>9/28/05</u>	<u>[Signature]</u>	<u>11-18-05</u>	
13. <u>Jeremy Webb</u>	<u>Ops Reactor Operator</u>	<u>[Signature]</u>	<u>10/25/05</u>	<u>[Signature]</u>	<u>11/18/05</u>	
14. <u>KELLY TEAGUE</u>	<u>OPS UNIT SUPERVISOR</u>	<u>[Signature]</u>	<u>10/25/05</u>	<u>[Signature]</u>	<u>21 NOV 05</u>	
15. <u>David Clark</u>	<u>OPS Reactor Operator</u>	<u>[Signature]</u>	<u>10/25/05</u>	<u>[Signature]</u>	<u>11-21-05</u>	

NOTES:



LOT 15 NRC Exam Development and

Validation / Administration

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 11/14/05 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 \_\_\_\_\_. 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>Tina A. Hurley</u>	<u>Ops Training Supervisor</u>	<u>Tina A. Hurley</u>	<u>10/26/05</u>	<u>Tina A. Hurley</u>	<u>11/14/05</u>	
2. <u>C. T. Bowman</u>	<u>Ops Manager</u>	<u>C. T. Bowman</u>	<u>10/28/05</u>	<u>C. T. Bowman</u>	<u>11/20/05</u>	
3. <u>VANCE VERRECH</u>	<u>SRO Licensee Instructor</u>	<u>Vance Verrech</u>	<u>11/14/05</u>	<u>Vance Verrech</u>	<u>11/17/05</u>	
4. <u>TERRANCE BATTIS</u>	<u>SRO Licensee Instructor</u>	<u>Terrance Battis</u>	<u>11/14/05</u>	<u>Terrance Battis</u>	<u>11/17/05</u>	
5. <u>Ken Struble</u>	<u>SRO Instructor</u>	<u>Ken Struble</u>	<u>11-14-05</u>	<u>Ken Struble</u>	<u>11-18-05</u>	
6. <u>Steve Sieben</u>	<u>SRO Instructor</u>	<u>Steve Sieben</u>	<u>11/14/05</u>	<u>Steve Sieben</u>	<u>11-18-05</u>	
7. <u>ADRIAN CULVER</u>	<u>SRO INSTRUCTOR</u>	<u>Adrian Culver</u>	<u>11/14/05</u>	<u>Adrian Culver</u>	<u>11/18/05</u>	
8. <u>Warren Mutsaers</u>	<u>SRO Instructor</u>	<u>Warren Mutsaers</u>	<u>11/14/05</u>	<u>Warren Mutsaers</u>	<u>11/18/05</u>	
9. <u>RONALD L SKINNER</u>	<u>SRO INSTRUCTOR</u>	<u>Ronald L Skinner</u>	<u>11/15/05</u>	<u>Ronald L Skinner</u>	<u>11/18/05</u>	
10. _____	_____	_____	_____	_____	_____	_____
11. _____	_____	_____	_____	_____	_____	_____
12. _____	_____	_____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____	_____	_____

NOTES: