

Assignment Tickler: **Greg Werner, PV IN EX**

Replaces NUREG-1021, Revision 8, Supplement 1 ES Forms 201-1 and 501-1

Due Date	Chief	Facility/ Task	Description	Date Complete	Notes
6/13/04	GEW	PV IN EX	Exam/Inspection Schedule Agreement (C.1.a;C.2.a&b)	5/13/04	New
6/13/04	GEW	PV IN EX	NRC Staff & Fac. Contact Assigned (C.1.c;C.2.e)	5/13/04	New
6/13/04	GEW	PV IN EX	Facility contact briefed on security & other issues (C.2.c)	5/13/04	New
6/13/04	GEW	PV IN EX	Corp. Notification Letter Sent (C.2.d) (Exams only)	8/19/04	Writing Now Being made final
10/26/04	GEW	PV IN EX	Inspection Announcement Letter Sent (PIR & LORT if req'd)	N/A	
9/11/04	GEW	PV IN EX	Task Expectations, Issues, & Standards Discussed w/ BC	9/13/04	Done! AT
8/12/04	GEW	PV IN EX	[Reference Material Due (C.1.d;C.3.c)	N/A	Licensure development process
8/27/04	GEW	PV IN EX	Integrated Exam Outlines Due (C.1.d&e;C.3.d)	9/9/04	Per Licensee Request Writing Now
8/26/04	GEW	PV IN EX	Outlines reviewed by NRC & Feedback Sent (c.2.h;C.3.e)	9/13/04	E-mailed outline comments on 9/13 to Phil Capobianco
11/10/04	GEW	PV IN EX	Preliminary Applications Due (C.1.j;C.2.g;ES202)	11/1/04	RECEIVED.
10/11/04	GEW	PV IN EX	Draft Exams w/ Doc./Ref. Due (C.1.d/e/f;C.3.d)	10/12/04	RECEIVED VIA EMAIL + HARD COPY
10/21/04	GEW	PV IN EX	Peer Reviewer Initials As Reviewed All Parts*	10/29/04	TOM MCKERNON REVIEWED
10/21/04	GEW	PV IN EX	NRC Supervisor. Initials Approving for Fac. Rev. (C.2.h;C.3.f)*	A 10/01	
10/21/04	GEW	PV IN EX	Exams Reviewed w/ Fac. (C.1.h;C.2.f&h;C.3.g)	11/17/04	
11/26/04	GEW	PV IN EX	Final Appl. Due & Assign. Sheet Prepared (C.1.j;C.2.h;ES202)	11/26/04	
12/3/04	GEW	PV IN EX	NRC Supervisor Approved Final Exams (C.2.i;C.3.h)*	12/19/04	
11/19/04	GEW	PV IN EX	Director debrief (PIR Only)	N/A	
12/3/04	GEW	PV IN EX	Final Appl. Rec'd & Waivers Sent (C.2.g) to INDIV. Divs	12/10/04	
12/3/04	GEW	PV IN EX	Proctor Rules Reviewed w/ Fac. & Written Authorized (C.3.k)	12/14/04	

ADAMS ACCESSION NO. -
TEMPLATE NO. -

Assignment Tickler: **Greg Werner, PV IN EX**

Replaces NUREG-1021, Revision 8, Supplement 1 ES Forms 201-1 and 501-1

12/3/04	GEW	PV IN EX	Exam/Insp Material to Team (C.3.i)		MSA 12/5/04	
12/22/04	GEW	PV IN EX	Fac. graded exam & Comments Rec'd		MSA 12/14/04	
12/10/04	GEW	PV IN EX	Administer Exam/Conduct Inspection		MSA 12/15/04	
12/25/04	GEW	PV IN EX	NRC Written Grading Completed		MSA 12/16/04	
12/25/04	GEW	PV IN EX	Examiners Finished Grading Op. Tests		MSA 12/16/04	
1/4/05	GEW	PV IN EX	NRC Ch. Ex. Review Completed		MSA 12/17/04	
1/5/05	GEW	PV IN EX	NRC BC Review Completed*		MSA 12/17/04	
1/10/05	GEW	PV IN EX	RPS/IP # Examinees Updated Before Report Issued		MSA 12/17/04	
1/10/05	GEW	PV IN EX	License/Denials Signed & Report Issued ✓		MSA 1/19/05	
1/31/05	GEW	PV IN EX	Package Closed Out		MSA 1/29/05	
3/10/05	GEW	PV IN EX	Chief QA of ADAMS		MSA 1/29/05	

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Facility:		Date of Examination:		
Item	Task Description	Initials		
		a	b*	c#
1. W R I T T E N	a. Verify that the outline fits the model in accordance with ES-701.	PK	WAP	20M
	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 sampled at least once.	PK	WAP	20M
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	PK	WAP	20M
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	PK	WAP	20M
2. O P E R A T I N G	a. Verify that the overall operating test: (1) includes at least two tasks that require the use of technical specifications (2) does not duplicate any tasks from the applicants' audit test(s)	PK	WAP	20M
	b. Verify that the administrative tasks: (1) are distributed among the four administrative topics described in ES-301 (2) include no more than one repeat from the last two NRC licensing examinations (3) include at least one task that is new or significantly modified	PK	WAP	20M
	e. Verify that the systems walk-through includes: (1) three JPMs based on the Tier 1 evolutions, including a refueling accident (2) two additional tasks related to Tier 2 systems other than fuel handling equipment (3) two tasks requiring implementation of alternative path procedures (4) no more than one repeat from the last two NRC licensing examinations (5) at least one task that is new or significantly modified	PK	WAP	20M
	d. Verify that the E/APE walk-through includes: (1) three JPMs based on the Tier 1 evolutions, including a refueling accident (2) one task requiring implementation of an alternative path procedure (3) no more than one repeat from the last two NRC licensing examinations (4) at least one task that is new or significantly modified	PK	WAP	20M
	e. Determine whether there are enough different outlines to test the projected number of applicants and ensure that no items are duplicated on subsequent days.	PK	WAP	20M
3. 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.	PK	WAP	20M
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	PK	WAP	20M
	c. Assess whether the sampling process adequately considered plant-specific refueling components, systems, and procedures that are not included in the generic models.	PK	WAP	20M
	d. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	PK	WAP	20M
	e. Check for duplication and overlap among exam sections.	PK	WAP	20M
	f. Check the entire exam for balance of coverage.	PK	WAP	20M
	g. Assess whether the proposed sample is consistent with the LSRO's job responsibilities.	PK	WAP	20M
a. Author	Phillip G. Capenert / <i>PK Capenert</i>	Date		10-7-04
b. Facility Reviewer (*)	Warren A. Potter / <i>WAP</i>			10/2/04
c. NRC Chief Examiner (#)	MARK S. HAIRE / <i>M</i>			11/17/04
d. NRC Supervisor	Thomas F. Stetko / <i>Thomas F Stetko</i>			12/9/04

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

Facility:				Date of Exam:		
Item Description	Initial					
	a	b*	c#			
1. Questions and answers are technically accurate and applicable to the facility.	DK	MAP	JOM			
2. a. NRC K/As are referenced for all questions (as applicable). b. Facility learning objectives are referenced as available.	DK	MAP	JOM			
3. Questions are appropriate for LSRO applicants.	DK	MAP	JOM			
4. Question selection and duplication from the last two NRC licensing exams appears consistent with a systematic sampling process.			JOM			
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 checked="" type="checkbox"/> the examinations were developed independently <input type="checkbox"/> the licensee certifies that there is no duplication other (explain)	DK	MAP	JOM			
6. Bank use meets limits (no more than 30 questions from the bank, at least 4 new, and the rest modified); enter the actual question distribution at right.	Bank	Modified	New	DK	MAP	JOM
	21 [#] 25	1	10 [#] 14			
7. Between 50 and 60 percent (20 and 24) of the questions on the exam are written at the comprehension/analysis level; enter the actual question distribution at right.	Memory	C/A		DK	MAP	JOM
	17 [#] 18	21 [#] 22				
8. References/handouts provided do not give away answers or aid in eliminating distractors.	DK	MAP	JOM			
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.	DK	MAP	JOM			
10. Question psychometric quality and format meet guidelines in ES Appendix B.	DK	MAP	JOM			
11. The exam contains 40 one-point, multiple choice items; the total is correct and agrees with value on cover sheet.	DK	MAP	JOM			
Printed Name / Signature			Date			
a. Author	Philly G. Capehart / Philly G. Capehart			10-7-04		
b. Facility Reviewer (*)	Warren A. Potter / Warren A. Potter			10/7/04		
c. NRC Chief Examiner (#)	M. Haire / M. Haire			12/9/04		
d. NRC Regional Supervisor	Thomas F. Stetka / Thomas F. Stetka			12/9/04		
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:	Date of Examination:	Operating Test Number:	
Item Description	Initials		
	a	b*	c#
1. The operating test conforms with the LSRO's job responsibilities and the previously approved outline (Form ES-701-4).	APL	WAP	JOM
2. Any changes from the previously approved outline have not caused the test to deviate from any of the acceptance criteria (e.g., item distribution, bank use, repetition from the last two NRC examinations) specified on the outline.	APL	WAP	JOM
3. There is no day-to-day repetition between this and other operating tests to be administered during this examination.	APL	WAP	JOM
4. The operating test does not duplicate items from the applicants' audit test(s). (See Section D.1.a of ES-301).	APL	WAP	JOM
5. Overlap between the written examination and the operating test is within acceptable limits.	APL	WAP	JOM
6. It appears that the operating test will differentiate between competent and less-than-competent applicants.	APL	WAP	JOM
7. 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 • 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 	APL	WAP	JOM
Printed Name / Signature		Date	
a. Author	<u>Phillip G. Capelhart / PH Capelhart</u>	<u>10-7-04</u>	
b. Facility Reviewer(*)	<u>Warren A. Potter / WAPotter</u>	<u>10/7/04</u>	
c. NRC Chief Examiner (#)	<u>M. Haire / MHAire</u>	<u>12/9/04</u>	
d. NRC Supervisor	<u>Thomas F. Stetka / Thomas F Stetka</u>	<u>12/9/04</u>	
NOTE: * The facility signature is not applicable for NRC-developed tests. # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.			

PVNGS Written Examination Grading
Quality Checklist

PVNGS Form ES-403-1

Facility: PVNGS	December 13, 2004		LSRO Written Examination		
Item Description	Initials				
	a	b	C		
1. Clean answer sheets copied before grading	PKC	UMP	H		
2. Answer key changes and question deletions justified and documented.	PKC	UMP	H		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	PKC	UMP	H		
4. Grading for all borderline cases (80% +/- 2% overall and 70 or 80, as applicable, +/- 4% on the SRO-only) reviewed in detail	PKC	UMP	H		
5. All other failing examinations checked to ensure that grades are justified	PKC	UMP	H		
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	PKC	UMP	H		
			Printed Name / Signature		Date
a. Grader	Phillip G. Capehart / <u>PKCapehart</u>				12/13/04
b. Facility Reviewer (*)	Warren Potter / <u>UMPotter</u>				12/13/04
c. NRC Chief Examiner (*)	<u>M. HAIRE</u> / <u>G. WERNER</u>				12/17/04
d. NRC Supervisor (*)	ANTHONY GODY / <u>ATGody</u>				12/17/04
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC: two independent NRC reviews are required.					

Operator Licensing Exam Schedule

From 10/01/2004 To 12/30/2004

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09:13:53

Region: 4 Phase Code: 5 Operational

Exam Week	Site/Docket No./Insp Rpt #	# Candidates	Type	Exam Author	Chief Examiner	Examiners Assigned
08/30/2004	Palo Verde / 05000528 / 2004015 Procedure #: 7111111B				MURPHY, MICHAEL E.	DRAKE, JAMES F. MURPHY, MICHAEL E.
08/30/2004	Palo Verde / 05000529 / 2004015 Procedure #: 7111111B				MURPHY, MICHAEL E.	DRAKE, JAMES F. MURPHY, MICHAEL E.
08/30/2004	Palo Verde / 05000530 / 2004015 Procedure #: 7111111B				MURPHY, MICHAEL E.	DRAKE, JAMES F. MURPHY, MICHAEL E.
11/29/2004	Palo Verde / 05000528 / 2004301 TAC #: X02273		Prep		HAIRE, MARK S.	HAIRE, MARK S. WERNER, G E.
11/29/2004	Palo Verde / 05000529 / 2004301 TAC #: X02275		Prep		HAIRE, MARK S.	HAIRE, MARK S. WERNER, G E.
11/29/2004	Palo Verde / 05000530 / 2004301 TAC #: X02276		Prep		HAIRE, MARK S.	HAIRE, MARK S. WERNER, G E.
12/13/2004	Palo Verde / 05000528 / 2004301 TAC #: X02273	LSRO - 7	Admin	FFF	HAIRE, MARK S.	HAIRE, MARK S. WERNER, G E.
12/13/2004	Palo Verde / 05000529 / 2004301 TAC #: X02275		Admin	FFF	HAIRE, MARK S.	HAIRE, MARK S. WERNER, G E.
12/13/2004	Palo Verde / 05000530 / 2004301 TAC #: X02276		Admin	FFF	HAIRE, MARK S.	HAIRE, MARK S. WERNER, G E.
12/20/2004	Palo Verde / 05000528 / 2004301 TAC #: X02273		Doc		HAIRE, MARK S.	HAIRE, MARK S. WERNER, G E.
12/20/2004	Palo Verde / 05000529 / 2004301 TAC #: X02275		Doc		HAIRE, MARK S.	HAIRE, MARK S. WERNER, G E.
12/20/2004	Palo Verde / 05000530 / 2004301 TAC #: X02276		Doc		HAIRE, MARK S.	HAIRE, MARK S. WERNER, G E.

Operator Licensing Exam Schedule
From 10/01/2004 To 12/30/2004

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Region: 4 Phase Code: 5 Operational

Summary By Date

08/2004 PALO - Palo Verde

08/2004

11/2004 PALO - Palo Verde

RO - 0

LSRO - 0

SROU - 0

SROI - 0

Total for Palo Verde: 0

11/2004

RO - 0

LSRO - 0

SROU - 0

SROI - 0

Total for 11/2004: 0

12/2004 PALO - Palo Verde

RO - 0

LSRO - 7

SROU - 0

SROI - 0

Total for Palo Verde: 7

Operator Licensing Exam Schedule
From 10/01/2004 To 12/30/2004

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Region: 4 Phase Code: 5 Operational

Summary By Site

PALO - Palo Verde
RO - 0

SROI - 0

SROU - 0

LSRO - 7

Total for Palo Verde: 7

Operator Licensing Exam Schedule

From 10/01/2004 To 12/30/2004

Region: 4 Phase Code: 5 Operational

Summary By Region

Region 4	SROI - 0	SROU - 0	LSRO - 7	Total for Region 4: 7
RO - 0				

1. Pre-Examination

DVNGS 2004 LSR02 NRC

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 12/13/04 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 12/13/04. 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)	DATENOTE
Philip G Capenat	Instructor / Exam Developer	[Signature]	7/27/04	[Signature]	12/16/04
Warren Potter	Simulator/SIL Facility Reviewer	[Signature]	8/1/04	[Signature]	12/16/04
CHARLIE OLIVER	Computer Tech / IHA Reviewer	[Signature]	8/19/04	[Signature]	11/4/05
JAMES M LEDFORD	Instructor	[Signature]	9/30/04	[Signature]	12/16/04
Alex Mellen	INSTRUCTOR	[Signature]	10/1/04	[Signature]	11/4/05
ROBERT P. NEVILLE	RX ENGR	[Signature]	10/05/04	[Signature]	12/16/04
Michael L. Hansford	Nuclear Training Instructor	[Signature]	10/16/04	[Signature]	1-4-05
William J. Drey	Instructor Developer	[Signature]	10/26/04	[Signature]	12/16/04
David E. Wilcox	Instructor	[Signature]	11/11/04	[Signature]	11/05 per telecon NRC
RAY WILCOX	DL	[Signature]	11/12/04	[Signature]	12/16/04
AL PEARSON	INSTRUCTOR	[Signature]	11/22/04	[Signature]	12/16/04
Larry Green	SPEC PROJECT MGR	[Signature]	12/11/04	[Signature]	1-7-05
BURT GRABO	SR Engineer / USRO	[Signature]	12/11/04	[Signature]	14/05
Mary Raymond	ZINC SUPPLIER	[Signature]	12/11/04	[Signature]	12/16/04
GARY BOX	Instructor	[Signature]	12/11/04	[Signature]	12/16/04
Robygen	ADMIN. Tech	[Signature]	12/13/04	[Signature]	12/16/04
Monica Ramos	ADMIN. Tech	[Signature]	12/13/04	[Signature]	12-14-04

PUNGS 2004 LSROF NRC EXAM

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 12/13/04 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 (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 12/13/04. 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. ANNE MARTIN	Tech Analyst / Messaging	[Signature]	12/19	[Signature]	12-15-04
2. Jeremy McClure	Tech Analyst / Backups	[Signature]	12/19	[Signature]	12-15-04
3. Mike Talbott	Systems Analyst / Integrator	[Signature]	12/10/04	[Signature]	12/15/04
4. Terry Dillon	Systems Analyst / Integrator	[Signature]	12/15/04	[Signature]	12/15/04
5. [Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
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NOTES: