

2010 PALISADES NUCLEAR PLANT

INITIAL EXAMINATION

ADMINISTRATIVE FILES

Facility: <u>Palisades</u>		Date of Examination: <u>2010</u>
Developed by: Written - Facility <input checked="" type="checkbox"/> NRC <input type="checkbox"/> // Operating - Facility <input checked="" type="checkbox"/> NRC <input type="checkbox"/>		
Target Date*	Task Description (Reference)	Chief Examiner's Initials
-180	1. Examination administration date confirmed (C.1.a; C.2.a and b)	BP
-120	2. NRC examiners and facility contact assigned (C.1.d; C.2.e)	BP
-120	3. Facility contact briefed on security and other requirements (C.2.c)	BP
-120	4. Corporate notification letter sent (C.2.d)	BP
[-90]	[5. Reference material due (C.1.e; C.3.c; Attachment 3)]	BP
{-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)	BP
{-70}	{7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)}	BP
{-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 any Form ES-201-3 updates), and reference materials due (C.1.e, f, g and h; C.3.d)	BP
-30	9. Preliminary license applications (NRC Form 398's) due (C.1.i; C.2.g; ES-202)	BP
-14	10. Final license applications due and Form ES-201-4 prepared (C.1.i; C.2.i; ES-202)	BP
-14	11. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f)	BP
-14	12. Examinations reviewed with facility licensee (C.1.j; C.2.f and h; C.3.g)	BP
-7	13. Written examinations and operating tests approved by NRC supervisor (C.2.i; C.3.h)	BP
-7	14. Final applications reviewed; 1 or 2 (if >10) applications audited to confirm qualifications / eligibility; and examination approval and waiver letters sent (C.2.i; Attachment 5; ES-202, C.2.e; ES-204)	BP
-7	15. Proctoring/written exam administration guidelines reviewed with facility licensee (C.3.k)	BP
-7	16. Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i)	BP
<p>* Target dates are generally based on facility-prepared examinations and are keyed to the examination date identified in the corporate notification letter. They are for planning purposes and may be adjusted on a case-by-case basis in coordination with the facility licensee. [Applies only] {Does not apply} to examinations prepared by the NRC.</p>		

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 8/16/2010 and 8/23/2010 as of the date of my signature. I agree that I will not knowingly divulge any information about these examinations to any persons who have not been authorized by the NRC chief examiner. I understand that I am not to instruct, evaluate, or provide performance feedback to those applicants scheduled to be administered these licensing examinations from this date until completion of examination administration, except as specifically noted below and authorized by the NRC (e.g., acting as a simulator booth operator or communicator is acceptable if the individual does not select the training content or provide direct or indirect feedback). Furthermore, I am aware of the physical security measures and requirements (as documented in the facility licensee's procedures) and understand that violation of the conditions of this agreement may result in cancellation of the examinations and/or an enforcement action against me or the facility licensee. I will immediately report to facility management or the NRC chief examiner any indications or suggestions that examination security may have been compromised.

2. Post-Examination

To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the NRC licensing examinations administered during the week(s) of 8/16/2010 and 8/23/2010. 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. JEFFREY ILIFF	EXAM DEVELOPER	<i>[Signature]</i>	2-8-10	<i>[Signature]</i>	8-27-10
2. RONALD J FRIGO	EXAM DEVELOPER	<i>[Signature]</i>	2/23/10	<i>[Signature]</i>	8/31/10
3. VIRGINIA L. MCCOLL	OPERATIONS REPRESENTATIVE	<i>[Signature]</i>	3/3/10	<i>[Signature]</i>	8/2/10
4. Daniel Bell	Simulator Support +	<i>[Signature]</i>	3/15/10	<i>[Signature]</i>	8/31/10
5. G.T. WIGGINS	REACTOR ENGINEER	<i>[Signature]</i>	3/30/10	<i>[Signature]</i>	8/31/10
6. RALPH STARLAND	SIMULATOR TECH.	<i>[Signature]</i>	3/30/10	<i>[Signature]</i>	8/31/10
7. PAUL M. SCHMIDT	SUPT. SIMULATOR SUPPORT	<i>[Signature]</i>	3/30/10	<i>[Signature]</i>	8/31/10
8. GEORGE MARLATT	SIMULATOR SUPPORT	<i>[Signature]</i>	3/30/10	<i>[Signature]</i>	8/31/10
9. MICHAEL LEE	OPERATIONS	<i>[Signature]</i>	4/12/10	<i>[Signature]</i>	8/31/10
10. SCOTT T. MOORE	OPERATIONS	<i>[Signature]</i>	4/12/10	<i>[Signature]</i>	9/3/10
11. Tracy Polhamas	Operations / SRO	<i>[Signature]</i>	4/12/10	<i>[Signature]</i>	9/3/10
12. John Leblang	Operations /	<i>[Signature]</i>	4/14/10	<i>[Signature]</i>	9/2/10
13. Timothy Horan	Ops Trng Regual Supt	<i>[Signature]</i>	4/23/10	<i>[Signature]</i>	8/31/10
14. Mike BAILEY	OPERATIONS	<i>[Signature]</i>	5/17/10	<i>[Signature]</i>	9/9/10
15. Mike Monacelli	OPERATIONS	<i>[Signature]</i>	5/21/10	<i>[Signature]</i>	8/31/10
16. DAVID R NESTLE	OPERATIONS	<i>[Signature]</i>	5/26/10	<i>[Signature]</i>	09/02/10
17. Ken Johnson	OPERATIONS	<i>[Signature]</i>	5/28/10	<i>[Signature]</i>	9/8/10
18. PAUL E. ADAMS	OPERATIONS/SRO	<i>[Signature]</i>	6/1/10	<i>[Signature]</i>	9/3/10

NOTES:

1. Pre-Examination

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PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1. Susan M. Martin	Operations Intern	<i>Susan M. Martin</i>	8/16/10	<i>Susan M. Martin</i>	8/31/10	
2. BRANDON N. KENT	OPS INSTRUCTOR	<i>[Signature]</i>	8/13/10	<i>[Signature]</i>	8/31/10	
3. JASON C. WOODWARD	OPS INSTRUCTOR	<i>[Signature]</i>	8/13/10	<i>[Signature]</i>	8/27/2010	
4. STEPHEN M. COGSWELL	OPS INSTRUCTOR	<i>Stephen M Cogswell</i>	8-16-10	<i>Stephen Cogswell</i>	8-7-10	
5. STEPHEN R. BOTIMER	OPS INSTRUCTOR	<i>[Signature]</i>	8/16/10	<i>[Signature]</i>	8/31/10	
6. KEN LEWIS	OPS INSTRUCTOR	<i>[Signature]</i>	8/16/10	<i>[Signature]</i>	8/27/10	
7. Pat Pitcher	SRO Sanogate	<i>[Signature]</i>	8/16/10	<i>[Signature]</i>	8/31/10	
8. Steve Martin	Seft. Operations Initial/Try	<i>[Signature]</i>	8/16/10	<i>[Signature]</i>	8/27/10	
9. John C. Schwarzkamp	OPERATIONS / NCO	<i>John C. Schwarzkamp</i>	8/16/10	<i>John C. Schwarzkamp</i>	8/31/10	
10. DARRELL COBBIN	OPERATIONS / ADM-SHIFT	<i>[Signature]</i>	8/16/10	<i>[Signature]</i>	8/31/10	
11. CARY L. McLELLAN	OPS Instructor	<i>[Signature]</i>	8/17/10	<i>[Signature]</i>	8/21/10	
12. Michael Seward	OPS MANAGER	<i>Michael Seward</i>	8/18/10	<i>Michael Seward</i>	8/31/10	
13.						
14.						
15.						
16.						
17.						
18.						

NOTES:

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ES-201

Examination Security Agreement

Form ES-201-3

1. Pre-Examination

Palisades

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of Aug 16-27 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.

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	PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1.	John W. Cook	Exam Process Supv / Reviewer	<i>John W. Cook</i>	4-7-10	<i>John W. Cook</i>	8-31-10	
2.							
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NOTES:

Tier / Group	Randomly Selected K/A	Reason for Rejection
RO Exam		
1/1	022 AK3.06	Unable to develop an operationally valid discriminatory exam question due to no credible relationship between loss of reactor coolant makeup and RCP thermal barrier cooling. Resampled and obtained 022 AK3.05.
1/1	025 AA1.11	Unable to develop an operationally valid discriminatory exam question due to no credible relationship between loss of RHR and Reactor building sump level indicators. Resampled and obtained 025 AA1.09.
1/1	038 EK1.03	Unable to develop an operationally valid discriminatory exam question due to similarities with RO question #3. Resampled and obtained 038 EK1.02.
1/1	062 AK2	There are no statements for this category. Resampled and obtained 062 AA1.06.
1/2	051 AK1	All statements in this category have an importance rating <2.5. Resampled and obtained 051 AA2.02.
2/1	005 A3	There are no statements for this category. Resampled and obtained G2.2.37.
2/1	006 K1.12	Importance rating <2.5. Resampled and obtained 006 K1.03
2/1	007 K2	There are no statements for this category. Resampled and obtained 007 K4.01.
2/1	059 K2	All statements in this category have an importance rating <2.5. Resampled and obtained 059 K3.04.
2/1	063 K5	All statements in this category have an importance rating <2.5. Resampled and obtained 063 A2.01.
2/1	063 K6	All statements in this category have an importance rating <2.5. Resampled and obtained 063 A1.01.
2/2	017 K2	All statements in this category have an importance rating <2.5. Resampled and obtained 017 A4.01.
2/2	072 K6	All statements in this category have an importance rating <2.5. Resampled and obtained 072 A1.01.
SRO Exam		
3	G2.4.49	Unable to develop an operationally valid, discriminatory exam question due to no credible relationship between immediate operator actions without reference to procedures and 10CFR55.43(b) topics. Resampled and obtained G2.4.29.

K/A Selection Methodology and Suppression Report

1. The systematic and random sampling of K/As for the Palisades Nuclear Plant August 2010 Written Exam was performed in accordance with the following:
 - a. NUREG-1021, Rev. 9 Supplement 1, ES-401, Attachment 1, "Example Systematic Sampling Methodology".
 - b. NUREG-1021, Rev. 9 Supplement 1, ES-401, D.1.b.

2. K/A Suppression:

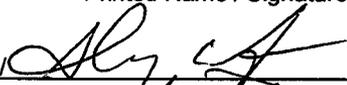
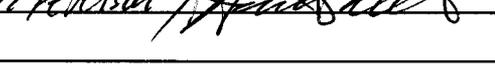
Suppression of any K/As was minimal and in accordance with the guidance mentioned in Step 1 of this methodology document. K/A suppression was as follows:

Fifteen Tier 1 K/A topics were suppressed that are vendor specific to a plant design other than Combustion Engineering. The following are the Tier 1 K/A topics that were suppressed:

- W/E04 LOCA Outside Containment / 3
- W/E11 Loss of Emergency Coolant Recirc. / 4
- BW/E04; W/E05 Inadequate Heat Transfer - Loss of Secondary Heat Sink / 4
- W/EO1 & E02 Rediagnosis & SI Termination / 3
- W/E13 Steam Generator Over-pressure / 4
- W/E15 Containment Flooding / 5
- W/E16 High Containment Radiation / 9
- BW/A01 Plant Runback / 1
- BW/A02&A03 Loss of NNI-X/Y / 7
- BW/A04 Turbine Trip / 4
- BW/A05 Emergency Diesel Actuation / 6
- BW/A07 Flooding / 8
- BW/E03 Inadequate Subcooling Margin / 4
- BW/E08; W/E03 LOCA Cooldown - Depress. / 4
- BW/E13&E14 EOP Rules and Enclosures

One Tier 2 K/A topic, "025 Ice Condenser" was suppressed due to prior knowledge that Palisades design does not use an ice condenser.

3. Tier 1 and Tier 2 randomly selected generic category ("G") K/As were selected from the 41 generic K/As listed in ES-401, section D.1.b.
4. SRO Only questions - K/As were randomly selected from either the "A2" or "G" categories. This was completed per ES-401, Attachment 1, Item 4.
5. Numbered tokens were used and were manually and randomly selected from a large cup. NO automatic generation software was used in the selection process.
6. After initial random selection a total of 14 K/As were rejected for various reasons, as documented on Form ES-401-4, "Record of Rejected K/As", as required.

Facility: <u>Palisades</u>		Date of Exam: <u>August 27th, 2010</u> Exam Level: RO <input checked="" type="checkbox"/> SRO <input checked="" type="checkbox"/>		
Item Description	Initials			
	a	b	c	
1. Clean answer sheets copied before grading	A	BP	BP	
2. Answer key changes and question deletions justified and documented	A	BP	BP	
3. Applicants' scores checked for addition errors (reviewers spot check >25% of examinations)	A	BP	BP	
4. Grading for all borderline cases (80% ± 2% overall and 70 or 80, as applicable, ± 4% on the SRO-only) reviewed in detail	A	BP	BP	
5. All other failing examinations checked to ensure that grades are justified	A	BP	BP	
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	A	BP	BP	
		Printed Name / Signature	Date	
a. Author	Jeffrey Iliff		<u>8/27/2010</u>	
b. Facility Reviewer(*)	Patrick Pitcher		<u>8/27/2010</u>	
c. NRC Chief Examiner(*)	Bruce Palagyi		<u>8/31/10</u>	
d. NRC Supervisor(*)	Honor Peterson		<u>9/23/10</u>	
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.				

* QUESTION REVIEWED AS PART OF THE ES-401 SAMPLE

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. B/M/N	7. U/E/S	8. Explanation	
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Back-ward	Q=K/A	SRO Only				
1	H	3											Y		B	S	
2	H	2											Y		N	S	
3*	L	2											Y		B	S	
4	L	3							X				Y		B	U	why would an RO be expected to know from memory that 185 F was the alarm set point as opposed to 175 F. RESOLUTION: New question written
5	H	2											Y		B	S	
6	L	3											Y		B	S	
7*	H	4											Y		N	S	

Instructions

[Refer to Section D of ES-401 and Appendix B for additional information regarding each of the following concepts.]

- Enter the level of knowledge (LOK) of each question as either (F)undamental or (H)igher cognitive level.
- Enter the level of difficulty (LOD) of each question using a 1 – 5 (easy – difficult) rating scale (questions in the 2 – 4 range are acceptable).
- Check the appropriate box if a psychometric flaw is identified:
 - The stem lacks sufficient focus to elicit the correct answer (e.g., unclear intent, more information is needed, or too much needless information).
 - The stem or distractors contain cues (i.e., clues, specific determiners, phrasing, length, etc).
 - The answer choices are a collection of unrelated true/false statements.
 - The distractors are not credible; single implausible distractors should be repaired, more than one is unacceptable.
 - One or more distractors is (are) partially correct (e.g., if the applicant can make unstated assumptions that are not contradicted by stem).
- Check the appropriate box if a job content error is identified:
 - The question is not linked to the job requirements (i.e., the question has a valid K/A but, as written, is not operational in content).
 - The question requires the recall of knowledge that is too specific for the closed reference test mode (i.e., it is not required to be known from memory).
 - The question contains data with an unrealistic level of accuracy or inconsistent units (e.g., panel meter in percent with question in gallons).
 - The question requires reverse logic or application compared to the job requirements.
- Check questions that are sampled for conformance with the approved K/A and those that are *designated SRO-only* (K/A and license level mismatches are unacceptable).
- Enter question source: (B)ank, (M)odified, or (N)ew. Check that (M)odified questions meet criteria of ES-401 Section D.2.f.
- Based on the reviewer's judgment, is the question as written (U)nsatisfactory (requiring repair or replacement), in need of (E)ditorial enhancement, or (S)atisfactory?
- At a minimum, explain any "U" ratings (e.g., how the Appendix B psychometric attributes are not being met).

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. B/M/N	7. U/E/S	8. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only			
8	H	2		X								Y		B	U	If .d was true then b. would also be true. But there can only be one correct answer therefore .d cannot be true. RESOLUTION: Distractors reworded.
9	H	3										Y		N	S	
10*	H	3					X					Y		B	U S	Will not heat removal via the SGs be adversely impacted by PCP trip? = 2 correct answers b & c. RESOLUTION: Natural circulation will allow heat removal therefore ability to remove heat is maintained.
11	L	2										Y		B	S	
12*	L	3										Y		N	S	
13*	L	3										Y		N	S	
14	L	2										Y		B	S	
15	H	2										Y		B	S	? Why isn't this a memory question ? LOK=L? RESOLUTION: Changed to L
16	H	3										Y		B	S	
17	L	2										Y		B	S	
18*	H	2										Y		B	S	
19	H	4										Y		N	S	
20	H	3										N		B	U	Question = ATWS not Dropped Rod. RESOLUTION: Question replaced
21	L	2										Y		B	S	
22*	H*	3										Y		N	S	
23	H	3										Y		B	S	

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. B/M/N	7. U/E/S	8. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Back-ward	Q=K/A	SRO Only			
24	H	3										Y		B	E	Change stem to make it clear RIA -2317 has not reached the alarm set point. Change a. to "...are both required to cause an alarm." RESOLUTION: Change made.
25*	L	3										Y		N	S	

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. B/M/N	7. U/E/S	8. Explanation	
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only				
26*	H	4											Y		N	S	
27*	L	3											Y		N	S	
28	H	2											Y		M	S	
29	H	2											Y		M	S	
30	L	3											Y		B	S	
31	L	2											Y		N	S	
32	H	3											Y		N	S	
33*	H	2											Y		N	S	
34	L	2			X	X							N		B	U	This question has 3 problems. 1) It does not match the KA which asks how the quench tank is cooled, not how steam entering the tank is cooled. 2) The question can be answered without use of the stem. 3) It is not credible that steam would be discharged above the water in a quench tank, ie. 2 non-credible distracters. RESOLUTION: Question replaced.
35	H	2	X										Y		N	U	Is not the rupture disk is expected to rupture if a relief valve fails open? Hi quench tank pressure would be expected to alarm. Also the tank may be > 10psig with the rupture disk blown and the relief stuck open. Therefore a. not b. could be the correct answer. RESOLUTION: Question replaced.
36*	H	3	X										Y		N	U	Why wouldn't CCW pressure drop to < 80 psig on a loss of offsite power. Therefore c. not b. could be the correct answer. RESOLUTION: The load sequencer will prevent P-52C from starting.
37	H	3	X										Y		B	S	
38*	H	3											Y		N	S	
39	L	4											Y		N	S	

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. B/M/N	7. U/E/S	8. Explanation	
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Back-ward	Q=K/A	SRO Only				
40*	H	3											Y		B	S	
41	H	2											Y		B	S	
42	H	3											Y		B	S	
43	L	2											Y		B	S	
44	L	2											Y		B	S	
45	H	3											Y		N	S	
46	H	2											Y		B	S	
47	H	2											Y		N	S	
48*	H	3											Y		M	S	
49	L	3											Y		B	S	
50	H	3							X				Y		B	U	Should be L not H LOD. Can we expect ROs to know these numbers from memory? Suggest moving all temps to center of band, and making both Starting Air Tank Pressures = to both Starting Air Train Pressures. RESOLUTION: Changed LOD and stem of question to eliminate minutia.
51*	H	3											Y		B	S	
52	L	3											Y		N	S	
53	H	2							X				Y		B	E	95 VS 92PSIG (ANSWERS b. AND c.) seems to close to know from memory. Suggest changing 92 to 85 (the pressure needed to hold valves in position). RESOLUTION: Change made.
54*	L	4											Y		N	S	

The licensee Outline was
accepted as submitted.

OPERATING TEST COMMENTS

Scenario 1

- Add to Turnover that turbine testing is planned. (done)
- Add RO actions for boration. (done)

Scenario 2

- Remove event 3 it is same as JPM D. (done)

Scenario 3

- In event 3 add that BOP may be directed to do back panel check. (done)
- In event 4 add that SRO may direct refill of T-10A. (done)

Scenario Spare

- In event 3 change 72-hour Tech Spec calls to 7-day and 30-day actions. (done)

JPMs ALL change to add cue to provide procedures (done)

JPM RO ADM 1a

- Change answer key to match procedure Attachment 2 (done)

JPM RO ADM 3

- Add contamination zone around pump. (done)

JPM SRO ADM 2

- Change JPM to faulted by having data sheet call for load path 2. (done)

JPM SYS K

- Add cue for amp meter reading if candidate does not push pushbutton. (done)



Entergy Nuclear Operations, Inc.
Palisades Nuclear Plant
27780 Blue Star Memorial Highway
Covert, MI 49043

Hugh Nixon
Training Manager

September 1st, 2010

Mr. Bruce Palagi
U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road
Suite 210
Lisle, IL 60532-4352

Dear Mr. Palagi:

The purpose of this letter is to notify you that there were no comments by the applicants concerning the Initial Licensed Operator Written Examination that was administered on August 27th, 2010.

Please contact Jeffrey Iliff at (269) 764-2974 if you have any questions.


Hugh Nixon
Training Manager
Entergy Nuclear Operations, Inc.
Palisades Nuclear Plant

Questions asked by applicants during written exam

1. RO Question 40. 55-33414 asked if Safety Injection has been blocked with the push buttons on C-13 or disabled by pulling fuses. Proctor reply: Safety Injection has been blocked per the initial conditions of the question.
2. SRO Question 76. 55-33414 asked which Battery Chargers are initially in service. Proctor reply: Re-read the question.
3. RO Question 22. 55-33483 asked how many Charging Pumps were in service and how many Letdown Orifice Stop Valves were open. Proctor reply: P-55A, Charging Pump, is in service. Provided to all applicants by writing on white board and calling attention to the additional information.
4. RO Question 61. 55-32201 asked if the SFP heatup rate was linear. Proctor reply: Re-read the question.
5. RO Question 40. 55-33413 asked if the CHP signal was still standing or if it was spurious (came in and cleared). Proctor reply: The CHP signal is still standing. Provided to all applicants by writing on white board and calling attention to the additional information.
6. RO question 20. 55-33482 asked if the effects were for a specific NI channel or for overall effects on NIs. Proctor reply: Re-read the question.
7. RO Question 47. 55-33414 asked if the question should be answered per actual current plant conditions. Proctor reply: Answer based on actual current plant conditions per the Appendix 'E' brief prior to the start of the exam. Did not provide this to all applicants because this was discussed prior to the start of the exam.
8. RO Question 64. 55-33414 asked if the noun name for RIA-2300 was correct and could the official noun name be supplied. Proctor reply: RIA-2300 noun name is "Radwaste Engineered Safeguard Room Monitor." Provided to all applicants by writing on white board and calling attention to the additional information.
9. SRO Question 79. 55-33414 asked why EOP-7.0 was entered if P-8C was available. Proctor reply: Re-read the question.
10. RO Question 61. 55-33414 asked if the answer was based on the design temperature limit for the SFP. Proctor reply: Re-read the question.