



## Nebraska Public Power District

*"Always there when you need us"*

NLS2009082  
October 1, 2009

Stephen M. Garchow  
Chief Examiner, Region IV  
U.S. Nuclear Regulatory Commission  
612 E. Lamar Boulevard, Suite 400  
Arlington, TX 76011-4125

Subject: Post-Examination Review Documentation  
Cooper Nuclear Station, Docket No. 50-298, DPR-46

Reference: NUREG 1021, Operator Licensing Examination Standards for Power Reactors,  
Revision 9.

Dear Sir:

The purpose of this correspondence is to confirm submittal to the Nuclear Regulatory Commission Region IV offices of post-examination review documentation resulting from the Reactor Operator and Senior Reactor Operator initial licensing examinations, which were administered at Cooper Nuclear Station (CNS) the week of September 21, 2009.

Pursuant to the Reference above, a post-examination analysis was performed. The graded written examinations (i.e., each applicant's original answer and examination cover sheets) plus a clean copy of each applicant's answer sheet (ES-403, "Grading Initial Site-Specific Written Examinations") were carried by you on your departure from CNS. The following examination documentation required by Section ES-501, C.1.a of the Reference, was sent electronically to you on September 29, 2009:

- Master examination(s) and answer key(s), annotated to indicate any changes made while administering and grading the examination(s).
- Questions asked by and answers given to the applicants during the written examination.
- Substantive comments made by the applicants following the written examination, with an explanation concerning why the comment was accepted or rejected. Two documented comments and CNS Nuclear Training Procedure 5.2 were provided.
- Written examination seating chart.
- Completed Form ES-403-1, "Written Examination Grading Quality Checklist."

### COOPER NUCLEAR STATION

P.O. Box 98 / Brownville, NE 68321-0098  
Telephone: (402) 825-3811 / Fax: (402) 825-5211  
www.nppd.com

- Results of written examination performance analysis, with recommended substantive changes.

In accordance with Section ES-501, C.1.a of the Reference, the following document is enclosed:

- Original Form(s) ES-201-3, "Examination Security Agreement," with a pre- and post-examination signature by every individual who had detailed knowledge of any part of the operating tests or written examination before they were administered.

Should you have any questions or require additional information, please contact me at (402) 825-2904 or David Werner, Operations Training Superintendent, at (402) 825-5751.

Sincerely,



David W. Van Der Kamp  
Licensing Manager

/jo

Enclosure

cc: Training Manager w/o encl  
Cooper Nuclear Station

Operations Training Superintendent w/ encl  
Cooper Nuclear Station

CNS Records w/o encl

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**Enclosure**

**Post-Examination Review Documentation  
Cooper Nuclear Station, Docket No. 50-298, DPR-46**

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 9/14-26, 2009 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 9/14-26, 2009. 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. William Gilbert	OTS(sup)/Exam Develop/Exam Review	<i>[Signature]</i>	5/13/09	<i>[Signature]</i>	9/25/09
2. Gregory Jensen	Exam Developer / Exam Review	<i>[Signature]</i>	5/22/09	<i>[Signature]</i>	9/30/09 ①
3. Andrew HRABEK	EXAM VALIDATION	<i>[Signature]</i>	6/11/09	<i>[Signature]</i>	9/21/09 ②
4. Tina Chang	Asst Trainin Mgr / Reviewer	<i>[Signature]</i>	6/25/09	<i>[Signature]</i>	9/21/09 ②
5. Gregory Abram	Exam Development	<i>[Signature]</i>	7/9/09	<i>[Signature]</i>	9/29/09
6. Don Lee	Simulator	<i>[Signature]</i>	7/16/09	<i>[Signature]</i>	9/29/09
7. Jim Florence	Simulator	<i>[Signature]</i>	7/16/09	<i>[Signature]</i>	9/29/09
8. BRIAN WADDEU	Simulator	<i>[Signature]</i>	7/16/09	<i>[Signature]</i>	9/29/09
9. RON CONAWAY	SIMULATOR	<i>[Signature]</i>	7/16/09	<i>[Signature]</i>	9/29/09
10. Matt Kreitek	Simulator Support	<i>[Signature]</i>	7/20/09	<i>[Signature]</i>	9/29/09
11. Sharon Kefelsen	Simulator	<i>[Signature]</i>	7/20/09	<i>[Signature]</i>	9/30/09
12. Kenneth Nosbisch	SRD - WCC	<i>[Signature]</i>	7-21-09	<i>[Signature]</i>	9/29/09 ②
13. Karla F. Nard	SRD - CREW C	<i>[Signature]</i>	7/21/09	<i>[Signature]</i>	9/29/09 ②
14. John Myers	STE crew C	<i>[Signature]</i>	7/21/09	<i>[Signature]</i>	9/29/09 ②
15. JACK EGGER	RO - CREW E	<i>[Signature]</i>	7/21/09	<i>[Signature]</i>	9/29/09 ②

NOTES:

- ① Signed off per Telecom.
- ② Signed off per Email.

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 9-18 - 9/26/09 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

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PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1. <u>Scott DeRosier</u>	<u>SRO cert ops Training</u>	<u>[Signature]</u>	<u>7/21/09</u>	<u>Scott DeRosier</u>	<u>9/27/09</u>	<u>(1)</u>
2. <u>JAMES WEDIC</u>	<u>SHIFT MANAGER</u>	<u>[Signature]</u>	<u>7-21-09</u>	<u>Jim Wedic</u>	<u>9/24/09</u>	<u>(1)</u>
3. <u>Mark Cannella</u>	<u>Reactor Operator</u>	<u>[Signature]</u>	<u>7/21/09</u>	<u>Mark Cannella</u>	<u>9/24/09</u>	<u>(1)</u>
4. <u>Khaki Dia</u>	<u>SED</u>	<u>[Signature]</u>	<u>7/21/09</u>	<u>Khaki Dia</u>	<u>9/24/09</u>	<u>(1)</u>
5. <u>CURTIS MARTIN</u>	<u>REACTOR Operator</u>	<u>[Signature]</u>	<u>9/1/09</u>	<u>Curtis Martin</u>	<u>9/23/09</u>	<u>(1)</u>
6. <u>Brad Bare</u>	<u>CRS SRO</u>	<u>[Signature]</u>	<u>9/1/09</u>	<u>Brad Bare</u>	<u>9/23/09</u>	<u>(1)</u>
7. <u>KEITH KING</u>	<u>RO</u>	<u>[Signature]</u>	<u>9-1-09</u>	<u>Keith King</u>	<u>9/23/09</u>	<u>(1)</u>
8. <u>Ed Pentfield</u>	<u>OPERATIONS MANAGER</u>	<u>[Signature]</u>	<u>9-9-09</u>	<u>Ed Pentfield</u>	<u>9/24/09</u>	<u>(1)</u>
9. <u>MIKE JOE</u>	<u>OPS TRNG SUPV</u>	<u>[Signature]</u>	<u>9/18/09</u>	<u>Mike Joe</u>	<u>9/25/09</u>	<u>(1)</u>
10. <u>Jerry Long</u>	<u>ADM-Trng</u>	<u>[Signature]</u>	<u>9/21/09</u>	<u>Jerry Long</u>	<u>9/27/09</u>	<u>(1)</u>
11. <u>E. J. Jackson</u>	<u>Trng</u>	<u>[Signature]</u>	<u>9/21/09</u>	<u>E. J. Jackson</u>	<u>9/25/09</u>	<u>(1)</u>
12. <u>JW Boyd</u>	<u>Trng</u>	<u>[Signature]</u>	<u>9/21/09</u>	<u>JW Boyd</u>	<u>9/25/09</u>	<u>(1)</u>
13. <u>MARK S. HANSEN</u>	<u>SRO cert ops Training</u>	<u>[Signature]</u>	<u>9-21-09</u>	<u>Mark Hansen</u>	<u>9/25/09</u>	<u>(1)</u>
14. <u>Tammy Knapp</u>	<u>operations instructor</u>	<u>[Signature]</u>	<u>9-21-09</u>	<u>Tammy Knapp</u>	<u>9/25/09</u>	<u>(1)</u>
15.						

NOTES: (1) signed off per Email

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of \_\_\_\_\_ 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.							
2.							
3.	Mark C. Anella	Reactor Operator	<i>Mark C. Anella</i>	7/21/09			
4.							
5.	MICHAEL BARTON	EXAMINATION EXPERT CONTRACTOR	<i>Michael Barton</i>	8-20-09	Michael Barton	9/21/09	
6.							
7.							
8.							
9.							
10.							
11.							
12.							
13.							
14.							
15.							

NOTES: ① signed off per Tele com  
 ② See separate sheet for these signatures

## Cooper Nuclear Station NRC ILT Examination Analysis

In accordance with NuReg 1021 Rev 2 Sup 1 the Cooper nuclear station NRC ILT Examination analysis was performed for all questions that resulted in half or more of the students missing the question. No question or answer key changes are recommended based on this analysis or candidate feedback.

Question RO 14- This question is technically accurate and psychometrically sound. The candidate's that missed the question feedback was they had not seen this in the simulator or covered it during the classroom training. This information was covered with the class and demonstrated in the site specific simulator. This has been added to the ILT program.

Question RO 45- This question is technically accurate and psychometrically sound. The candidate's that missed the question feedback was they could not remember if it was 5.4 Fire-SD or 5.1 Incident that required the scram. This information was covered with the class.

Question RO 55- This question is technically accurate and psychometrically sound. The candidate's that missed the question feedback was they remembered the Technical Specification requirement, but not the DEH abnormal requirement. Students that selected distractor 'a' thought 1025 psig was the auto scram which is incorrect the auto scram is 1050 psig. This information was covered with the class.

Question RO 66- This question is technically accurate and psychometrically sound. The candidate's that missed the question feedback was could not remember which required a license.

Question SRO 5- This question is technically accurate and psychometrically sound. The candidate's that missed the question feedback was they forgot that RPS B would result in the RHR SDC isolation valves closing. This information was covered with the class and demonstrated in the site specific simulator.

Question SRO 13- This question is technically accurate and psychometrically sound. The candidate's that missed the question feedback was that they thought that RCIC resulted in a LOSF or they thought they could use the hour to determine if HPCI was operable before they had to move further into the RCIC Technical Specification. This information was covered with the class.

Question SRO 14- This question is technically accurate and psychometrically sound. The candidate's that missed the question feedback was they could not remember how many SRMs were allowed to be downscale per Technical Specifications. This information was covered with the class.

Question SRO 24- This question is technically accurate and psychometrically sound. The candidate's that missed the question feedback was they did not realize that the Reactor Building was INOPERABLE is a single SBGT subsystem can not maintain the required Reactor Building D/P. This information was covered with the class.

ATTACHMENT 3 LIST OF REGULATORY COMMITMENTS<sup>4</sup>Correspondence Number: NLS2009082

The following table identifies those actions committed to by Nebraska Public Power District (NPPD) in this document. Any other actions discussed in the submittal represent intended or planned actions by NPPD. They are described for information only and are not regulatory commitments. Please notify the Licensing Manager at Cooper Nuclear Station of any questions regarding this document or any associated regulatory commitments.

COMMITMENT	COMMITMENT NUMBER	COMMITTED DATE OR OUTAGE
None		