

MISCELLANEOUS CORRESPONDENCE AND CHECKLISTS

FOR THE DRESDEN INITIAL EXAMINATION THE WEEKS OF FEBRUARY 5 AND 12, 2001

October 20, 2000

Mr. Oliver D. Kingsley
President, Nuclear Generation Group
Commonwealth Edison Company
ATTN: Regulatory Services
Executive Towers West III
1400 Opus Place, Suite 500
Downers Grove, IL 60515

Dear Mr. Kingsley:

In a telephone conversation on October 17, 2000, between Mr. D. Shavey and Mr. D. McNeil, arrangements were made for the administration of licensing examinations at the Dresden Nuclear Station the weeks of February 5 and February 12, 2001. In addition, the NRC will make an examination validation visit to your facility the week of January 15, 2001.

As agreed during the telephone conversation, your staff will prepare the examinations based on the guidelines in Revision 8, Supplement 1, Addendum 1, of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors." The NRC regional office will discuss with your staff any changes that might be necessary before the examinations are administered.

To meet the above schedule, it was necessary for your staff to furnish the examination outlines by October 12, 2000. The written examinations, operating tests, and the supporting reference materials identified in Attachment 2 of ES-201 will be due by December 18, 2000. Pursuant to 10 CFR 55.40(b)(3), an authorized representative of the facility licensee shall approve the outlines, examinations, and tests before they are submitted to the NRC for review and approval. All materials shall be complete and ready to use. Any delay in receiving the required examination and reference materials, or the submittal of inadequate or incomplete materials, may cause the examinations to be rescheduled.

In order to conduct the requested written examinations and operating tests, it will be necessary for your staff to provide adequate space and accommodations in accordance with ES-402, and to make the simulation facility available on the dates noted above. In accordance with ES-302, your staff should retain the original simulator performance data (e.g., system pressures, temperatures, and levels) generated during the dynamic operating tests until the examination results are final.

Appendix E of NUREG-1021 contains a number of NRC policies and guidelines that will be in effect while the written examinations and operating tests are being administered.

To permit timely NRC review and evaluation, your staff should submit preliminary reactor operator and senior reactor operator license applications (Office of Management and Budget (OMB) approval number 3150-0090), medical certifications (OMB approval number 3150-0024), and waiver requests (if any) (OMB approval number 3150-0090) at least 30 days before the first examination date. If the applications are not received at least 30 days before the examination date, a postponement may be necessary. Signed applications certifying that all training has been completed should be submitted at least 14 days before the first examination date.

This letter contains information collections that are subject to the *Paperwork Reduction Act of 1995* (44 U.S.C. 3501 et seq.). These information collections were approved by the Office of Management and Budget, approval number 3150-0018, which expires on April 30, 2003.

The public reporting burden for this collection is estimated to average 500 hours per response, including the time for reviewing instructions, gathering and maintaining the data needed, writing the examinations, and completing and reviewing the collection of information. Send comments on any aspect of this collection of information, including suggestions for reducing the burden, to the Information and Records Management Branch (T-6 F33), U.S. Nuclear Regulatory Commission, Washington, D.C. 20555-0001, or by Internet electronic mail at BJS1@NRC.GOV; and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0018), Office of Management and Budget, Washington, D.C. 20503.

The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Thank you for your cooperation in this matter. Mr. Shavey has been advised of the policies and guidelines referenced in this letter. If you have any questions regarding the NRC's examination procedures and guidelines, please contact Del McNeil at 630-829-9737, or me at 630-829-9733.

Sincerely,



David E. Hills, Chief
Operations Branch
Division of Reactor Safety

Docket Nos. 50-237; 50-249
License Nos. DPR-19; DPR-25

cc: D. Helwig, Senior Vice President, Nuclear Services
C. Crane, Senior Vice President, Nuclear Operations
H. Stanley, Vice President, Nuclear Operations
R. Krich, Vice President, Regulatory Services
DCD - Licensing
P. Swafford, Site Vice President
R. Fisher, Station Manager
D. Ambler, Regulatory Assurance Manager
M. Aguilar, Assistant Attorney General
State Liaison Officer
Chairman, Illinois Commerce Commission
W. Lipscomb, Training Department

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OFFICE	RIII	<input checked="" type="checkbox"/> N	RIII	<input checked="" type="checkbox"/> E			
NAME	DMcNeil:sd		DHills				
DATE	10/18/00		10/20/00				

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D. Trimble, NRR

LWR (Project Mgr.)

J. Caldwell, RIII

B. Clayton, RIII

SRI Dresden

DRP

DRSIII

PLB1

JRK1

BAH3

M. Bies, DRS

cc: H. Peterson

September 6, 1999

Mr. Oliver D. Kingsley
President, Nuclear Generation Group
Commonwealth Edison Company
ATTN: Regulatory Services
Executive Towers West III
1400 Opus Place, Suite 500
Downers Grove, IL 60515

Dear Mr. Kingsley:

In response to J. M. Heffley's letter dated March 22, 1999, we have tentatively scheduled an initial licensing examination for Dresden operator license applicants during the weeks of February 5 and 12, 2001. Validation of the examination will occur at the station during the week of January 15, 2001. In the unlikely event that we are unable to support the examination during the scheduled weeks, we will inform you immediately upon discovery of such conditions and make arrangements to administer the examination at a mutually acceptable date.

As stated in your letter, your staff will develop the examination.

Mr. Heffley's letter indicated you are training approximately 14 candidates for the examination. Please inform us if the number of candidates declines below 10 as this will impact the examination schedule. Please also inform us at your earliest opportunity if you discover you are unable to support the examination on the scheduled dates.

A supplementary letter will be sent to the training department approximately 120 days prior to the examination outlining examination security expectations, listing the materials required by the NRC to conduct the examination, reconfirming the examination dates, and reconfirming the number of candidates you have in the training program. If you have any questions concerning this information, please contact Mary Ann Bies of my staff at 630-829-9711.

Sincerely,

/s/ David E. Hills

David E. Hills, Chief
Operations Branch

Docket Nos. 50-237; 50-249
License Nos. DPR-19; DPR-25

See Attached Distribution

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NAME	MBies:jp	<input checked="" type="checkbox"/>	DHills	<input checked="" type="checkbox"/>			
DATE	09/02/99		09/02/99				

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cc: D. Helwig, Senior Vice President, Nuclear Services
C. Crane, Senior Vice President, Nuclear Operations
H. Stanley, Vice President, Nuclear Operations
R. Krich, Vice President, Regulatory Services
DCD - Licensing
M. Heffley, Site Vice President
P. Swafford, Station Manager
D. Ambler, Regulatory Assurance Manager
M. Aguilar, Assistant Attorney General
State Liaison Officer
Chairman, Illinois Commerce Commission
J. S. Almon, Training Department

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D. C. Trimble, NRR:DIPM:IOLB
M. A. Bies, DRS

Commonwealth Edison Company
Dresden Generating Station
6500 North Dresden Road
Morris, IL 60450
Tel 815-942-2920

cc: D. Hill
+ J. Peterson

ComEd

March 22, 1999

JMHLTR: #99-0036

Regional Administrator
Region III
U.S. Nuclear Regulatory Commission
801 Warrenville Road
Lisle, IL 60532-4351

Dresden Nuclear Power Station Units 2 and 3
Facility Operating License Nos. DPR-19 and DPR-25
NRC Docket Nos. 50-237 and 50-249

Subject: Request for Initial Operator Licensing Examination

The purpose of this letter is to request an Initial Operator Licensing Examination for Dresden Nuclear Power Station beginning December 4, 2000 and December 11, 2000. The class will include ten instant Senior Reactor Operator (SRO) and four Reactor Operator (RO) candidates.

Due to the importance of the requested examination dates, we request that the examination be developed by the Dresden Station in accordance with NUREG 1021.

Please contact Mr. Dale Ambler, Regulatory Assurance Manager at (815) 942-2920, extension 3800, if there are questions on this matter.

Respectfully,

Dustin Swafford for

J. M. Heffley
Site Vice President
Dresden Nuclear Power Station

*Per Mr. Ambler
+ Mr. Almor, on
8-23-99 dates
of Feb 5 & Feb 12, 2001
are preferred*

cc: Chief Operator Licensing, Region III
NRC Resident Inspector-Dresden Nuclear Power Station

Facility: <u>Dresden Nuclear Station</u>		Date of Examination: <u>02/05/01</u>
Examinations Developed by: <input checked="" type="checkbox"/> Facility / NRC (circle one)		
Target Date*	Task Description / Reference	Chief Examiner's Initials
-180	1. Examination administration date confirmed (C.1.a; C.2.a & b)	drm
-120	2. NRC examiners and facility contact assigned (C.1.d; C.2.e)	drm
-120	3. Facility contact briefed on security & other requirements (C.2.c)	drm
-120	4. Corporate notification letter sent (C.2.d)	drm
[-90]	[5. Reference material due (C.1.e; C.3.c)]	n/a
-75	6. Integrated examination outline(s) due (C.1.e & f; C.3.d)	drm
-70	7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)	drm
-45	8. Proposed examinations, supporting documentation, and reference materials due (C.1.e, f, g & h; C.3.d)	drm
-30	9. Preliminary license applications due (C.1.i; C.2.g; ES-202)	drm
-14	10. Final license applications due and assignment sheet prepared (C.1.i; C.2.g; ES-202)	drm
-14	11. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f)	drm
-14	12. Examinations reviewed with facility licensee (C.1.j; C.2.f & h; C.3.g)	drm
-7	13. Written examinations and operating tests approved by NRC supervisor (C.2.i; C.3.h)	drm
-7	14. Final applications reviewed; assignment sheet updated; waiver letters sent (C.2.g, ES-204)	drm
-7	15. Proctoring/written exam administration guidelines reviewed with facility licensee and authorization granted to give written exams (if applicable) (C.3.k)	drm
-7	16. Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i)	drm
<p>* Target dates are keyed to the examination date identified in the corporate notification letter. They are for planning purposes and may be adjusted on a case-by-case basis in coordination with the facility licensee.</p> <p>[] Applies only to examinations prepared by the NRC.</p>		

Facility: <u>DRESDEN</u>		Date of Exam: <u>2/15/01</u>		Exam Level: <u>RO/SRO</u>	
Item Description	Initials				
	a	b	c		
1. Clean answer sheets copied before grading	<i>QMT</i>	<i>DTM</i>	<i>ben</i>		
2. Answer key changes and question deletions justified and documented	<i>N/A</i> <i>QMT</i>	<i>N/A</i> <i>DTM</i>	<i>N/A</i> <i>ben</i>		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<i>QMT</i>	<i>DTM</i>	<i>ben</i>		
4. Grading for all borderline cases (80% +/- 2%) reviewed in detail	<i>N/A</i> <i>QMT</i>	<i>N/A</i> <i>DTM</i>	<i>N/A</i>		
5. All other failing examinations checked to ensure that grades are justified	<i>N/A</i> <i>QMT</i>	<i>N/A</i> <i>DTM</i>	<i>N/A</i>		
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	<i>QMT</i>	<i>DTM</i>	<i>ben</i>		

Printed Name / Signature	Date
a. Grader <u>JEFFREY A. SCHMITZ / <i>QMT</i></u>	<u>2/22/01</u>
b. Facility Reviewer(*) <u>DANIEL T. MURPHY / <i>Daniel T. Murphy</i></u>	<u>02/22/01</u>
c. NRC Chief Examiner (*) <u>SEAN R. McNair / <i>Seán R. McNair</i></u>	<u>02/27/01</u>
d. NRC Supervisor (*) <u>DAVID E. HALL / <i>David E. Hall</i></u>	<u>3/1/01</u>

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

* independently reviewed by *[Signature]* 02/27/01

Exelon Generation Company, LLC
Dresden Nuclear Power Station
6500 North Dresden Road
Morris, IL 60450-9765

www.exeloncorp.com

10 CFR 55.5

March 8, 2001

PSLTR: #01-0033

U.S. Nuclear Regulatory Commission
Region III
801 Warrenville Road
Lisle, IL 60532-4351

ATTN: Chief, Operator Licensing

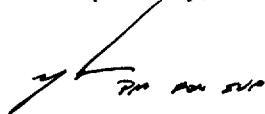
Dresden Nuclear Power Station Units 2 and 3
Facility Operating License Nos. 50-237 and 50-249
Docket Nos. 50-237 and 50-249

SUBJECT: Submittal of Forms ES-201-3, "Examination Security Agreement."

Enclosed are Forms ES-201-3, "Examination Security Agreement," for the Operator Licensing Examinations administered at the Dresden Nuclear Power Station Units 2 and 3 during the weeks of February 5 and February 12, 2001. These forms are submitted in accordance with NUREG-1021, "Operator Licensing Examination Standards," Revision 8, Supplement 1, Section ES-501.

Should you have any questions concerning this letter, please contact Mr. D.F. Ambler, Regulatory Assurance Manager at (815) 942-2920, extension 3800.

Respectfully,



Preston Swafford
Site Vice President
Dresden Nuclear Power Station

Enclosure

cc: Regional Administrator – NRC Region III (w/o enclosures)
NRC Senior Resident Inspector, Dresden Nuclear Power Station (w/o enclosures)

MAR 09 2001

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 02/05/01 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 2/5/01 + 2/12/01. 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 A. SCHMITZ	EXAM DEVELOPER	<i>[Signature]</i>	10/2/00	<i>[Signature]</i>	02/19/01
2. STEVEN J. RUSSELL	NGG Exam COORDINATOR	<i>[Signature]</i>	0/2/00	<i>[Signature]</i>	2/5/01
3. JAMES HECK	INSTRUCTOR	<i>[Signature]</i>	10/2/00	<i>[Signature]</i>	2/20/01
4. JEFFREY L. HANSEN	NGG Exam COORDINATOR	<i>[Signature]</i>	10/2/00	<i>[Signature]</i>	02/19/01
5. William W. Higgins	Instructor	<i>[Signature]</i>	10/2/00	<i>[Signature]</i>	02/19/01
6. Tony Regis	Software Engineer	<i>[Signature]</i>	10/4/00	<i>[Signature]</i>	02/19/01
7. J. Kevin Cox	SIM SUP	<i>[Signature]</i>	10/4/00	<i>[Signature]</i>	2/19/01
8. Phillip Walton	Hardware Support Analyst	<i>[Signature]</i>	10/4/00	<i>[Signature]</i>	2-19-01
9. Michael E. Farrell	SIM Support - Estes	<i>[Signature]</i>	10/6/00	<i>[Signature]</i>	2/19/01
10. Terence S. Palang	Sh. Fr. Mgr. / Facility Bdr	<i>[Signature]</i>	10/8/00	<i>[Signature]</i>	2/23/01
11. David Schaver	OPS TRAINING SUPV.	<i>[Signature]</i>	10/9/00	<i>[Signature]</i>	2-19-01
12. Dee Deischer	Ops Clerk	<i>[Signature]</i>	10/11/00	<i>[Signature]</i>	2/19/01
13. Phil E. Nissen	RCC Exam Coordinator	<i>[Signature]</i>	10/11/00	<i>[Signature]</i>	2-19-01
14. MIKE ALLRED	NSO - VALIDATION	<i>[Signature]</i>	11-6-00	<i>[Signature]</i>	2-19-01
15. DAVID M. KLIMEK	SRO - VALIDATION	<i>[Signature]</i>	11-6-00	<i>[Signature]</i>	2-19-01

NOTES:

DRESDEN

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 02/05/01 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 2/5/01 + 2/14/01. 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 A. SCHMITZ	EXAM DEVELOPER	<i>[Signature]</i>	10/2/00	<i>[Signature]</i>	02/19/01	
2. STEVEN J. RUSSELL	NGG Exam Coordinator	<i>[Signature]</i>	6/2/00	<i>[Signature]</i>	2/1/01	
3. JAMES HECK	INSTRUCTOR	<i>[Signature]</i>	10/2/00	<i>[Signature]</i>	2/26/01	
4. JEFFREY L. HANSEN	NGG Exam Coordinator	<i>[Signature]</i>	10/2/00	<i>[Signature]</i>	2/1/01	
5. William W. Higgins	Instructor	<i>[Signature]</i>	10/2/00	<i>[Signature]</i>	02/14/01	
6. Tony Regis	Software Engineer	<i>[Signature]</i>	10/4/00	<i>[Signature]</i>	02/14/01	
7. J. Kevin Cox	S.M. SAR	<i>[Signature]</i>	10/4/00	<i>[Signature]</i>	2-19-01	
8. Phillip Walton	Hardware Support Analyst	<i>[Signature]</i>	10/4/00	<i>[Signature]</i>	2-19-01	
9. Michael E. Farrell	Sim Support - Exam	<i>[Signature]</i>	10/6/00	<i>[Signature]</i>	2/19/01	
10. Terence S. Polansky	Sh. F. M. / Facility Rep	<i>[Signature]</i>	10/8/00	<i>[Signature]</i>	2/23/01	
11. David Schaefer	OPS TRAINING SUPERV	<i>[Signature]</i>	10/9/00	<i>[Signature]</i>	2-19-01	
12. Dee Deischer	Cop. Clerk	<i>[Signature]</i>	10/11/00	<i>[Signature]</i>	2/19/01	
13. Philip E. Niguel	ROK Exam Coordinator	<i>[Signature]</i>	10/1/00	<i>[Signature]</i>	1 MAR 2001	
14. MIKE ALRED	NSD - VALIDATION	<i>[Signature]</i>	11-6-00	<i>[Signature]</i>	2-19-01	
15. DAVID M. KLIMER	SRO - VALIDATION	<i>[Signature]</i>	11-6-00	<i>[Signature]</i>	2-19-01	

NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 2/5/01 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 2/5-2/16. 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
1. SUSAN HURST	NIS	<i>Susan Hurst</i>	11/21	ON OTHER PAGE No. 201/01	
2. VICTOR CASTLE	OTM	<i>Victor Castle</i>	1-4-01		
3. DAVID SLAGET	OPERATIONS SRO	<i>David Slagert</i>	1-15-01		
4. LARRY E. CRUSE	NSO	<i>Larry E. Cruse</i>	1-15-01		
5. Dan Patochian	NSO	<i>Dan Patochian</i>	1-15-01		
6. KEITH BIRING	US / SRO	<i>Keith Biring</i>	1/15/01		
7. James Gulas	NSO	<i>James Gulas</i>	1/17/01		
8. Paul McHigginbotham	Contract Support	<i>Paul McHigginbotham</i>	1/26/01		
9. Bruce Franzew	ONE	<i>Bruce Franzew</i>	1/29/01		
10. DAN MURPHY	ILT GROUP LEAD	<i>D Murphy</i>	02/02/01		
11. HARLEY CARTER	INSTRUCTOR	<i>Harley Carter</i>	02/02/01		
12. JOHN STONE	SRO / ENCLER / P. N. I	<i>John Stone</i>	02/05/01		
13. PAUL SARGOOD	SRO / SRO CLERK	<i>Paul Sargood</i>	2/12/01		
14. ROBBY WEIDNER	ILT INST COMMUNICATOR	<i>Robby Weidner</i>	2/12/01		
15. ROGER FISHER	Rt mca	<i>R Fisher</i>	2/13/01		2/12/01

NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 2/5/01 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

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	PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1.	Susan Hurst	NTS	Susan Hurst	11/21	*	2/23/01	
2.	Victor Castle	OTM	Victor Castle	1-4-01	Victor Castle	2-19-01	
3.	DAVID SLAGER	OPERATIONS SRO	David Slager	1-15-01	David Slager	2/19/01	
4.	Larry E. Cruse	NSO	Larry E. Cruse	1-15-01	Larry E. Cruse	2/21/01	
5.	Dan Patoch	NSO	Dan Patoch	1-15-01	Dan Patoch	2/23/01	
6.	KEITH BIRING	US / SRO	Keith Biring	1/15/01	Keith Biring	2/23/01	
7.	James Gulas	NSO	James Gulas	1/17/01	James Gulas	2/23/01	
8.	Paul M. Higginbotham	Contract Support	Paul M. Higginbotham	1/26/01	Paul M. Higginbotham	2/19/01	
9.	Bruce Brannen	ONE	Bruce Brannen	1/29/01	Bruce Brannen	2/19/01	
10.	DAN MURPHY	ILT GROUP LEAD	Dan Murphy	02/02/01	Dan Murphy	02/19/01	
11.	Harley Carter	INSTRUCTOR	Harley Carter	02/02/01	Harley Carter	02/19/01	
12.	JOHN STONE	SRO ENGINEER / P.I.E.	John Stone	02/05/01	* 2/23/01		
13.	PAUL SALGADO	SRO / SRO	Paul Salgado	2/12/01	Paul Salgado	2/19/01	
14.	RAUDY WEIDNER	ILT INST / COMMUNICATOR	Raudy Weidner	2/12/01	Raudy Weidner	02/23/01	
15.							

NOTES:

* PARTICIPANT IN SIMULATOR REHOST UPGRADE.
DID NOT HAVE DETAILED KNOWLEDGE OF
ANY PART OF EXAMINATION.

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 02/05/01 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 2/5-2/16. 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. Louis Ciuffini	NSO	<i>Louis Ciuffini</i>	11-7-00	<i>Louis Ciuffini</i>	2-22-01
2. HAL DODD	SRO / UNIT Supervisor	<i>Hal Dodd</i>	11/7/00	<i>Hal Dodd</i>	2/22/01
3. PATRICK O'DONNOR	INSTRUCTOR	<i>Patrick O'Donnor</i>	11-7-00	<i>Patrick O'Donnor</i>	2-19-01
4. Robert Gato	NSO	<i>R.A. Gato</i>	11-10-00	<i>R.A. Gato</i>	2-23-01
5. James G. Daly	SRO / UNIT Supervisor	<i>James G. Daly</i>	11/10/00	<i>James G. Daly</i>	2/22/01
6. JOHN DOYLE	NSO	<i>John Doyle</i>	11/10/00	<i>John Doyle</i>	2-22-01
7. Dave Gronek	UNIT Sup. (SRO)	<i>Dave Gronek</i>	11-10-00	<i>Dave Gronek</i>	2-22-01
8. Thomas Kaper	SRO	<i>Thomas Kaper</i>	11-15-00	<i>Thomas Kaper</i>	2-22-01
9. Mitchell D. Roether	NSO	<i>Mitchell D. Roether</i>	11-15-00	<i>Mitchell D. Roether</i>	2-19-01
10. RANDY J. WROBLEWSKI	INSTRUCTOR	<i>Randy J. Wroblewski</i>	11-20-00	<i>Randy J. Wroblewski</i>	2-19-01
11. RICHARD E. GADBOIS	SRO	<i>Richard E. Gadbois</i>	11-20-00	<i>Richard E. Gadbois</i>	2-28-01
12. GREG LEONARD	NSO	<i>Greg Leonard</i>	11/20/00	<i>Greg Leonard</i>	2/22/01
13. DON RAGAN	NSO	<i>Don Ragan</i>	11/20/00	<i>Don Ragan</i>	2/22/01
14. STANLEY CHAN	RNI TECHNOLOGIES SIM REHOST	<i>Stanley Chan</i>	11/20/00	<i>Stanley Chan</i>	* 2/22/01
15. Andy Sedlowski	Simulator Software	<i>Andy Sedlowski</i>	11/20/00	<i>Andy Sedlowski</i>	2/19/01

NOTES:

* PARTICIPANT IN SIMULATOR REHOST UPGRADE.
DID NOT HAVE DETAILED KNOWLEDGE OF
ANY PART OF EXAMINATION.

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 2/5-2/12 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 2/5/01 + 2/12/01. 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.	MIKE McDONALD	SM	<i>Mike McDonald</i>	2-7-01	<i>Mike McDonald</i>	2-23-01	
2.							
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14.							
15.							

NOTES:

Exelon Generation Company, LLC
Dresden Nuclear Power Station
6500 North Dresden Road
Morris, IL 60450-9765

www.exeloncorp.com

10CFR55.5

February 23, 2001

PSLTR: #01-0026

U.S. Nuclear Regulatory Commission
Region III
801 Warrenville Road
Lisle, IL 60532-4351

ATTN: Regional Administrator

Dresden Nuclear Power Station Units 2 and 3
Facility Operating License Nos. 50-237 and 50-249
Docket Nos. 50-237 and 50-249

SUBJECT: Initial Operator Licensing Examination Conducted February 15, 2001,
at Dresden Nuclear Power Station Units 2 and 3

Enclosed is examination documentation which Dresden Nuclear Power Station (DNPS) is submitting following the Initial Operator Licensing Examination conducted on February 15, 2001, at the DNPS. We have completed a thorough and full review of the license examination. This documentation is submitted in accordance with NUREG-1021, "Operator Licensing Examination Standards," Revision 8, Supplement 1, Section ES-501.

This information includes the following:

- Form ES-403-1, "Written Examination Grading Quality Checklist."
- Changes made to the written examination while administering.
- Recommended changes to enhance written examination item quality.
- The written examination seating chart.
- Written examination question incorrect responses summary for RO and SRO versions.
- Results of written examination performance analysis performed in accordance with Exelon Nuclear Guideline NTAFT EVA08, "Post Examination Analysis."
- Questions asked by and answers given to the applicants during the written examination.

No formal comments are being submitted for this examination. There were no failures or near failures for the written examination.

There were no answer key changes or question deletions for the written examination.

U.S Nuclear Regulatory Commission

February 23, 2001

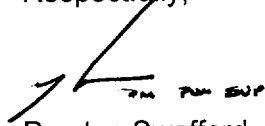
Page 2

Post-examination signatures are being obtained for the original Forms ES-201-3, "Examination Security Agreement," and the forms will be forwarded as soon as all signatures have been obtained.

The graded written examinations, a clean copy of each applicant's answer sheet, and the master examination and answer key were provided to the NRC Chief Examiner, Mr. Dell McNeil, immediately following completion of the written examination on February 15, 2001.

Please contact Mr. Dale Ambler, Regulatory Assurance Manager at (815) 942-2920, extension 3800, if there are questions regarding this matter.

Respectfully,

A handwritten signature in black ink, appearing to read "P. Swafford", with a stylized flourish extending from the end.

Preston Swafford
Site Vice President
Dresden Nuclear Power Station

Enclosures:

- Checklist ES-403-1
- Question Changes Made While Administering Written Examination
- Recommended Question Changes to Enhance Written Examination Quality
- Written Examination Seating Chart
- Written Examination – Summary of Incorrect Responses – RO Version
- Written Examination – Summary of Incorrect Responses – SRO Version
- Exelon Nuclear Guideline NTAFT EVA08, "Post Examination Analysis"
- Questions Asked By and Answers Given to the Applicants During the Written Examination

cc: Chief Operator Licensing, Region III
NRC Senior Resident Inspector, Dresden Nuclear Power Station

**Initial Operator Licensing Examination – February 15, 2001
Dresden Nuclear Power Station Units 2 and 3
Question Changes Made While Administering Written Examination**

Q_ID	Exam	Cog Level	Difficulty	System	KA	Imp	Objective
60	BOTH	2	3.25	295004	AA1.03	3.4 / 3.6	26205RK001

Given the following conditions:

- Unit 2 was operating at rated power when a severe fire broke out in the control room.
- DSSP 0100-CR was being executed and control of the plant was being established locally.
- Due to another fault, 125 Vdc Main Bus 3A was lost.
- The main feed breaker at Bus 38 was OPEN.
- Power must be restored to Bus 38.

How is the ~~feed breaker to Bus 38 CLOSED?~~ **MAIN FEED FROM BUS 33-1 breaker in Bus 38 CLOSED?**

- A. Take the breaker control switch on the 903-8 panel to CLOSE.
- B. Plug in the local pushbutton control station AND depress the close button.
- C. Reset the Bus 38 undervoltage trip and take the breaker control switch on the 903-8 panel to CLOSE.
- D. Use the ratchet type maintenance handle to ~~fully charge~~ **discharge** the closing springs ~~and close the breaker contacts.~~

Answer:

D

Ref(s):

DSSP 0100-CR

Question pedigree:

LOC Exam Bank #9 06000B0112

Explanation/Comments:

This type of breaker is normally operated using a closing spring. Under normal conditions, this spring is only charged to the "pre-charged". Because of this, there IS NO closing push button. On loss of control power the closing springs must be fully charged using a "ratchet" type operator. Once fully charged the closing springs will discharge and close the breaker.

**Initial Operator Licensing Examination – February 15, 2001
Dresden Nuclear Power Station Units 2 and 3
Question Changes Made While Administering Written Examination**

Q_ID	Exam	Cog Level	Difficulty	System	KA	Imp	Objective
69	SRO	2	3.50	295012	AA2.02	4.1	29501LP004

What are the consequences of initiating DRYWELL SPRAY at a drywell temperature of 500°F and a drywell temperature pressure of 5 psig?

- A. A controllable pressure drop without damaging the containment.
- B. An uncontrollable pressure drop and possible implosion of the drywell.
- C. An uncontrollable pressure increase due to superheating of the spray water.
- D. An uncontrollable pressure drop within the capabilities of the drywell to torus vacuum breakers.

Answer:

Ref(s):

Question pedigree:

B

295LC01r1

New

Explanation/Comments:

The conditions given place the containment to the left of the straight line starting at ~2 psig and extending to 11 psig. The imminent concern is the implosion of the drywell.

**Initial Operator Licensing Examination – February 15, 2001
Dresden Nuclear Power Station Units 2 and 3
Recommended Question Changes to Enhance Written Examination Quality**

Q_ID	Exam	Cog Level	Difficulty	System	KA	Imp	Objective
124	BOTH	2	2.75	294001	2.4.50	3.3 / 3.3	20102LK033

A reactor startup is in progress on Unit 3.

Reactor power is increasing and IRMs are on range 5.

All SRMs are partially inserted.

Annunciator 903-5 A-4, SRM HI/TNOP, was received.

The SRMs are reading as follows:

SRM 21	2×10^3 cps	SRM 22	2×10^2 cps
SRM 23	2×10^5 cps	SRM 24	2×10^4 cps

~~Which of the following is required to continue the plant startup?~~ At a minimum, which of the following is required to continue control rod withdrawal?

- A. Select and withdraw all SRMs until fully withdrawn.
- B. Select and insert SRM 22 until counts are greater than 10^3 cps.
- C. Continue rod withdrawal since all IRMs are above range 3.
- D. Select and withdraw SRM 23 until counts are less than 8×10^4 .

Answer:

Ref(s):

Question pedigree:

D

DAN 902(3)-5 A-4, Rev. 05

New

SDM 215004

Explanation/Comments:

To continue rod withdrawal with IRMs below range 8, SRM 23 must be withdrawn until SRM counts are below the high setpoint (0.885×10^5) per DAN 902(3)-5 A-4.

Initial Operator Licensing Examination – February 15, 2001
Dresden Nuclear Power Station Units 2 and 3
Written Examination Seating Chart

Room 101 – Dresden Nuclear Power Station Training Building

Randy Buckley					Ken Housh
		Robert Brock			(RO) Lee Hare
Dennis Francis					Mark Hanneman
		Stan Vick			(RO) Jeff Simpson
Ron Wiggins					Warren Deagle
Restroom					

Initial Operator Licensing Examination – February 15, 2001
Dresden Nuclear Power Station Units 2 and 3
Written Examination – Summary of Incorrect Responses – RO VERSION

Q NO. RO VER	Q_ID CMB VER	TOTAL MISSED	RESPONSES X = CORRECT ANS.				Q NO. RO VER	Q_ID CMB VER	TOTAL MISSED	RESPONSES X = CORRECT ANS.			
			A	B	C	D				A	B	C	D
1	1				X		51	57				X	
2	2			X			52	58	1	X	1		
3	3	1	1	X			53	59		X			
4	4					X	54	60					X
5	5				X		55	61					X
6	6				X		56	63		X			
7	7			X			57	64					X
8	8					X	58	65	1	X	1		
9	9		X				59	66	1			1	X
10	10	1		1	X		60	67		X			
11	11		X				61	68	1	1	X		
12	12			X			62	71	1	1	X		
13	13					X	63	72		X			
14	15		X				64	73	1		X	1	
15	16			X			65	74					X
16	17	1			X	1	66	75					X
17	18				X		67	77	1		X		1
18	19	1	1	X			68	78		X			
19	20	1		X	1		69	79					X
20	21					X	70	80				X	
21	23				X		71	81				X	
22	24				X		72	82		X			
23	25					X	73	84			X		
24	26	1	1	X			74	85		X			
25	27					X	75	86					X
26	28			X			76	88	1	1	X		
27	29			X			77	89	2		2	X	
28	31				X		78	90				X	
29	33		X				79	91					X
30	34		X				80	93			X		
31	35	1		1		X	81	95	2		X		2
32	36					X	82	97			X		
33	37			X			83	99	1		1	X	
34	38	2		2	X		84	100			X		
35	39	1	X		1		85	101			X		
36	40			X			86	103				X	
37	41	2	X	2			87	105					X
38	42		X				88	106					X
39	43				X		89	109					X
40	44				X		90	110	1		X		1
41	45			X			91	112				X	
42	46				X		92	113					X
43	47		X				93	115				X	
44	48		X				94	116			X		
45	50		X				95	117		X			
46	51			X			96	120		X			
47	52			X			97	121	1	1	X		
48	54			X			98	123				X	
49	55				X		99	124	1	1			X
50	56					X	100	125			X		

Initial Operator Licensing Examination – February 15, 2001
Dresden Nuclear Power Station Units 2 and 3
Written Examination – Summary of Incorrect Responses – SRO VERSION

Q NO. SRO VER	Q_ID CMB VER	TOTAL MISSED	RESPONSES X = CORRECT ANS.				Q NO. SRO VER	Q_ID CMB VER	TOTAL MISSED	RESPONSES X = CORRECT ANS.			
			A	B	C	D				A	B	C	D
1	1	1	1		X		51	69			X		
2	2			X			52	70		X			
3	3			X			53	71	2	1	X		1
4	4					X	54	72	1	X	1		
5	5	2	1		X	1	55	74					X
6	7			X			56	75	1	1			X
7	8	1	1			X	57	76				X	
8	10				X		58	77			X		
9	11	1	X			1	59	80	1	1		X	
10	12	2		X	2		60	81	1			X	1
11	14	2	2		X		61	82	1	X		1	
12	15	1	X			1	62	83	1		1	X	
13	16	2		X	1	1	63	84			X		
14	17	1	1		X		64	85		X			
15	20	2		X	2		65	86	3			3	X
16	21					X	66	87					X
17	22	1	X			1	67	88	2	2	X		
18	23				X		68	89	1	1		X	
19	26	1	1	X			69	90				X	
20	27					X	70	91					X
21	28	2		X	2		71	92				X	
22	30				X		72	93			X		
23	31				X		73	94				X	
24	32	2	1	X		1	74	95	4		X	2	2
25	33	1	X		1		75	96				X	
26	34	1	X			1	76	97			X		
27	35					X	77	98			X		
28	37	1		X		1	78	99	1			X	1
29	38	5		2	X	3	79	100			X		
30	40			X			80	102				X	
31	41	4	X	1	2	1	81	103				X	
32	44				X		82	104	1		X	1	
33	45	3		X	3		83	105	1			1	X
34	47		X				84	107	2			2	X
35	48		X				85	108	3		X	3	
36	49					X	86	109					X
37	51			X			87	111		X			
38	52	1		X		1	88	112	3			X	3
39	53			X			89	113					X
40	54			X			90	114	5	5	X		
41	58		X				91	116			X		
42	59	1	X	1			92	117		X			
43	60					X	93	118				X	
44	61	1			1	X	94	119	4		X	1	3
45	62					X	95	121	1	1	X		
46	63		X				96	122					X
47	65	2	X		2		97	124	4	3		1	X
48	66					X	98	126		X			
49	67		X				99	127	2			X	2
50	68			X			100	128			X		

Nuclear Generating Group POST EXAMINATION ANALYSIS

Lesson Plan / Course: Dresden ILT 00-01

Examination No./ Title: Initial Operator Licensing Written Examination administered
on February 15, 2001

Check the results of the examination.

- ☐ Small class (≤ 6) and some questions were missed by three (3) or more trainees.
Analysis required for these questions.
- ☒ Large class (> 6) and some questions were missed by more than 30% of the class.
Analysis required for these questions.
- ☐ Analysis of questions requested by individual.
- ☐ None of the above apply and no further analysis is necessary.

If an analysis is to be performed, list the question number(s) on the worksheet and review each using the following guidelines. Record the results on the worksheet.

1. Review each question to ensure it is worded clearly and is not ambiguous. Ensure that it is properly constructed. Refer to JDES02.
2. Review each question to ensure that it ties properly to the learning objectives' condition, performance, and standard.
3. Review each question to ensure that it is technically accurate.
4. Review each question to ensure that adequate material was presented to allow for achievement of the associated learning objective.

Determine if action is required for problem questions (e.g. delete from examination bank; revise question, revise lesson plan, etc.). When action is required, ensure a Training Request (TR) is initiated for documentation and tracking purposes.

Completed By: Jeffrey A. Schmitz	Date: 02/21/01
TRs Initiated: 2001-315, 2001-316	
Answer Key Change / Examination	N/A
Regrade Authorized by:	Group Lead
<p>Comments:</p> <p>All questions were reviewed with examinees during the post-examination review that occurred immediately following exam administration. No further remediation is required unless otherwise noted.</p> <p><i>See additional comments on page 3.</i></p>	

QUESTION ANALYSIS WORKSHEET

Question Number	Construction OK? (Y - N)	Objective Based? (Y - N)	Technically Accurate? (Y - N)	LP Content Acceptable? (Y - N)	Change Needed? (Y - N)
<i>The following questions were missed by half or more of the applicants and require analysis per NUREG-1021.</i>					
Question ID 19	Y	Y	Y	Y	N
Question ID 38	Y	Y	Y	Y	N
Question ID 39	Y	Y	Y	Y	N
Question ID 41	Y	Y	Y	Y	N
Question ID 73	Y	Y	Y	Y	N
Question ID 95	Y	Y	Y	Y	N
Question ID 110	Y	Y	Y	Y	N
Question ID 114	Y	Y	Y	Y	N
Question ID 119	Y	Y	Y	N	Y
Question ID 124	N	Y	Y	Y	Y
<i>The following additional question was not missed by half or more of the candidates and analysis was not required by NUREG 1021. However, analysis was performed since the question was missed by more than 30% of the class and analysis is required by facility procedures.</i>					
Question ID 108	Y	Y	Y	Y	N
<i>The following questions were modified during the examination following comments by candidates. The questions were missed by less than 30% of the class.</i>					
Question ID 60	N	Y	Y	Y	Y
Question ID 69	N	Y	Y	Y	Y

Comments:

Question ID 19: Missed by 1 of 2 RO candidates. No question changes needed.

Question ID 38: Missed by 2 of 2 RO candidates and 5 of 8 SRO candidates. No question changes needed. Remediation for question knowledge area completed during exam review.

Question ID 39: Missed by 1 of 2 RO candidates. No question changes needed.

Question ID 41: Missed by 2 of 2 RO candidates and 4 of 8 SRO candidates. No question changes needed. Remediation for question knowledge area completed during exam review.

Question ID 73: Missed by 1 of 2 RO candidates. No question changes needed.

Question ID 95: Missed by 2 of 2 RO candidates and 4 of 8 SRO candidates. No question changes needed. Remediation for question knowledge area completed during exam review.

Question ID 110: Missed by 1 of 2 RO candidates. No question changes needed.

Question ID 114: Missed by 5 of 8 SRO candidates. No question changes needed. Remediation for question knowledge area completed during exam review.

Question ID 119: Missed by 4 of 8 SRO candidates. No question changes needed. Question knowledge area was not included in ILT program. TR 2000-1966 was submitted prior to exam to include discharge permit training for Field Supervisors. TR 2001-326 submitted to evaluate discharge permit training for the ILT program.

Question ID 124: Missed by 1 of 2 RO candidates and 4 of 8 SRO candidates. Question stem is being revised for clarification (TR 2001-316). Replace stem statement "Which of the following is required to continue the plant startup?" with "At a minimum, which of the following is required to continue rod withdrawal?"

Question ID 108: Missed by 3 of 8 SRO candidates. No question changes needed. Remediation for question knowledge area completed during exam review.

Question ID 60: Question modified during exam following comments by candidates. All candidates notified of modification during exam and changes written on exam room whiteboard. Changed statement in question stem from "How is the feed breaker to Bus 38 CLOSED?" to "How is the MAIN FEED FROM BUS 33-1 breaker in Bus 38 CLOSED?" Changed question choice D from "Use the ratchet type maintenance handle to discharge the closing springs and close the breaker contacts" to "Use the ratchet type maintenance handle to fully charge the closing springs." (TR 2001-315)

Question ID 69: Question modified during exam following comment by a candidate. All candidates notified of modification during exam and changes written on exam room whiteboard. Changed phrase in stem from "drywell temperature of 5 psig?" to "drywell pressure of 5 psig?" (TR 2001-315)

Initial Operator Licensing Examination – February 15, 2001
Dresden Nuclear Power Station Units 2 and 3
Questions Asked By and Answers Given to the Applicants During the Written Examination

Q_ID	CANDIDATE	CANDIDATE QUESTIONS/COMMENTS	PROCTOR RESPONSE
5	Simpson	Are suction and discharge valves closed on the secured Recirc Pump?	State your assumptions, answer based on your assumptions
7	Hanneman	Is UV time delay included in referenced times in answers?	The times considered are for pump sequencing.
7	Housh	Is UV time delay included in time referenced in answers?	The times considered are only those associated with pump sequencing.
12	Hanneman	Is this question old? Bailey auctioneered INT/ESS.	Read question to candidate. Candidate stated he misread stem and had no other concerns.
12	Wiggins	Did some transient cause the EDG's to start?	Use question information as given and state any assumptions if necessary.
31	Housh	Asked if containment O2 and containment H2 was in the drywell or torus.	The O2 and H2 values provided are uniform for drywell and torus.
45	Simpson	Does automatic setpoint fail to zero or do all outputs from the controller fail to zero?	Reinforced that the "controller output signal fails to a low value" applies to the given conditions.
60	Vick	Should Phrase " and close the breaker contacts be stricken from choice 'D'?	Told candidates that choice 'D' consisted only of the sentence written on whiteboard and nothing else. (Question changed in master copy)
60	Simpson	For Distracter 'D' should discharge be charge?	Wrote on whiteboard. Change answer 'D' to "Use the ratchet type maintenance handle to fully charge the closing springs.
60	Hare	Should "How is the feed breaker to Bus 38 closed" be "How is the Main feed breaker to Bus 38 closed.	Wrote on whiteboard: Change stem to "How is the Main Feed From Bus 33-1 breaker to Bus 38 closed?"
60	Brock	Which breaker is referenced? Main Feed Breaker or Feed Breaker To?	Modified information on whiteboard: "to Bus 38" changed to "in Bus 38".
65	Housh	What time frame should be considered for "describe the expected response?" 1 sec. 1 min 1 hour?	Time required from start of transient to steady state.
69	Wiggins	Stem says drywell temperature of 5 psig. Incorrect units of temperature.	Wrote on whiteboard. Change drywell temperature of 5 psig to drywell pressure of 5 psig.
90	Housh.	Am I being asked about the short-term or long-term limit of concern?	Directed candidate to state assumptions and select best option.
105	Simpson	In choice 'A', is the water spray from a fire hose or from installed piping.	Read question to candidate. Reinforced conditions are as stated. Candidate had no other concerns.
107	Buckley	Is Phrase in stem "and when cooldown rate is acceptable per T.S." addressing only cooldown rate or results of T.S. required reports results and notifications.	Told candidate to answer question posed in stem, without regard to terminology in distracters.
125	Simpson	Question did not make sense. Why is RPV level dropping?	Read Question to candidate. Stated that he did not understand why but did not need more clarification.
126	Housh	Requested Tech Spec reference.	No additional reference will be provided.