

DUANE ARNOLD

APRIL 2001

**CORPORATE
CORRESPONDENCES**



ALLIANT ENERGY.

December 9, 1999
NG-99-1671

Mr. David E. Hills
Chief, Operating Branch
U.S. Nuclear Regulatory Commission
801 Warrenville Road
Lisle, Illinois 60532-4351

Subject: Duane Arnold Energy Center
Docket No: 50-331
Op. License No: DPR-49
References: NRC Administrative Letter 99-03, "Preparations And Scheduling Of
Operator Licensing Examinations"
File: A-117a; A-105

Dear Mr. Hills:

This letter is being submitted as an update to the estimated dates and number of operator licensing examinations at the Duane Arnold Energy Center for the year 2001. The requested examination date is the week of April 09, 2001. A total of eight (8) examinations are anticipated (six (6) Reactor Operators and two (2) Senior Reactor Operator - Upgrades). Operations training personnel at the Duane Arnold Energy Center will be writing the initial license examination for the candidates.

Please direct questions or comments regarding this schedule to Mr. Keith Young, Manager, Nuclear Training at 319-851-7229.

Sincerely,

David L. Wilson
Vice President - Nuclear

cc: J. Dyer
B. Mozafari (NRC-NRR)
E. Protsch
NRC Resident Office
NRC Document Control

cc: M. Beckley

IES Utilities Inc.
Duane Arnold Energy Center
3277 DAEC Road
Palo, IA 52324-9785

Office: 319.851.7611
Fax: 319.851.7986
www.alliant-energy.com

March 13, 2000

Mr. David Wilson
Vice President, Nuclear
IES Utilities, Inc.
Alliant Tower
200 First Street SE
P. O. Box 351
Cedar Rapids, IA 52406-0351

Dear Mr. Wilson:

In response to your letter dated December 9, 1999, we have tentatively scheduled an initial licensing examination for your operator license applicants during the week of April 9, 2001. Validation of the examination will occur at the station during the week of March 19, 2001. In the unlikely event that we are unable to support the examination during the scheduled week, 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 and confirmed in a telephone conversation with Mr. K. Young on February 25, 2000, your staff will develop the examination.

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,



David E. Hills, Chief
Operations Branch

Docket No. 50-331
License No. DPR-49

See Attached Distribution

DOCUMENT NAME: G:\DRS\DU\A03\30.WPD

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DATE	03/9/00		03/9/00		03/13/00		

OFFICIAL RECORD COPY

D. Wilson

-2-

cc: E. Protsch, Executive Vice President -
Energy Delivery, Alliant;
President, IES Utilities, Inc.
Richard L. Anderson, Plant Manager
K. Peveler, Manager, Regulatory Performance
State Liaison Officer
Chairperson, Iowa Utilities Board
The Honorable Charles W. Larson, Jr.
Iowa State Representative
K. D. Young, Training Department

Distribution:

J. Caldwell, RIII
SRI Duane Arnold
DRP
DRS
RIII PRR
PUBLIC IE-42
Docket File
GREENS
D. C. Trimble, NRR:DIPM:IOLB



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

December 14, 2000

Mr. Gary Van Middlesworth
Site General Manager
Duane Arnold Energy Center
Nuclear Management Company, LLC
3277 DAEC Road
Palo, IA 52324

Dear Mr. Van Middlesworth:

In a telephone conversation on December 12, 2000 between Mr. G. Thullen and Mrs. A. M. Stone, arrangements were made for the administration of licensing examinations at the Duane Arnold Energy Center facility the week of April 9, 2001. In addition, the NRC will make an examination validation visit to your facility the week of March 19, 2001.

As agreed during the telephone conversation, your staff will prepare the examinations based on the guidelines in Supplement 1, Revision 8 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 will be necessary for your staff to furnish the examination outlines by January 22, 2001. The written examinations, operating tests, and the supporting reference materials identified in Attachment 2 of ES-201 will be due by February 20, 2001. 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. Thullen 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 Ann Marie Stone at 630-829-9729, or me at 630-829-9733.

Sincerely,



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

Docket No. 50-331
License No. DPR-49

cc: E. Protsch, Executive Vice President -
Energy Delivery, Alliant;
President, IES Utilities, Inc.
Robert G. Anderson, Plant Manager
K. Peveler, Manager, Regulatory Performance
State Liaison Officer
Chairperson, Iowa Utilities Board
The Honorable Charles W. Larson, Jr.
Iowa State Representative
Keith Young, Training Department

December 14, 2000

Mr. Gary Van Middlesworth
Site General Manager
Duane Arnold Energy Center
Nuclear Management Company, LLC
3277 DAEC Road
Palo, IA 52324

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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.

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Thank you for your cooperation in this matter. Mr. Thullen 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 Ann Marie Stone at 630-829-9729, or me at 630-829-9733.

Sincerely,



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

Docket No. 50-331
License No. DPR-49

- cc: E. Protsch, Executive Vice President -
Energy Delivery, Alliant;
President, IES Utilities, Inc.
- Robert G. Anderson, Plant Manager
- K. Peveler, Manager, Regulatory Performance
State Liaison Officer
Chairperson, Iowa Utilities Board
- The Honorable Charles W. Larson, Jr.
Iowa State Representative
- Keith Young, Training Department

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DATE	12/14/00		12/14/00				

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J. Caldwell, RIII

G. Grant, RIII

B. Clayton, RIII

SRI Duane Arnold

C. Ariano (hard copy)

DRP

DRSIII

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JRK1

BAH3

M. A. Bies (concurrence copy)



Duane Arnold Energy Center
3277 DAEC Road
Palo, IA 52324-9785

Operated by Nuclear Management
Company LLC

January 19, 2001
NG-01-0073

Region III, U.S Nuclear Regulatory Commission
Attn: Ms. A. M. Stone
801 Warrenville Road
Lisle, IL 60532-4351

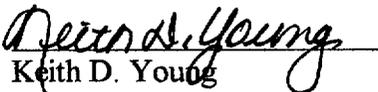
Subject: Duane Arnold Energy Center
Docket No: 50-331
Op. License No: DPR-49
Examination Material for DAEC Initial License Examination Week of April 9, 2001.
File: A117a

References: NUREG 1021, "Operating License Examination Standard for Power Reactors",
Revision 8, Supplement 1.

Dear Ms. Stone:

In accordance with the guidelines of NUREG 1021, "Operating License Examination Standard for Power Reactors", Revision 8, we are sending you the integrated examination outlines for the initial license examinations to be administered at our facility the week of April 9, 2001. NUREG 1021 physical security requirements state that the enclosed examination materials shall be withheld from public disclosure until after the examination is complete.

You may direct any questions or comments regarding this material to Mike Fisher at 319-851-7268 (or 7559) or George Thullen at 319-851-7268 (or 7945)

By: 
Keith D. Young
DAEC Training Manager



Duane Arnold Energy Center
3277 DAEC Road
Palo, IA 52324-9785

Operated by Nuclear Management
Company LLC

February 14, 2001
NG-01-0192

Region III, U.S Nuclear Regulatory Commission
Attn: Ms. A. M. Stone
801 Warrenville Road
Lisle, IL 60532-4351

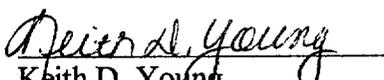
Subject: Duane Arnold Energy Center
Docket No: 50-331
Op. License No: DPR-49
Examination Material for DAEC Initial License Examination Week of April 9, 2001.
File: A117a

References: NUREG 1021, "Operating License Examination Standard for Power Reactors",
Revision 8, Supplement 1.

Dear Ms. Stone

In accordance with the guidelines of NUREG 1021, "Operating License Examination Standard for Power Reactors", Revision 8, we are sending you the Operating Exam materials for the initial license examinations to be administered at our facility the week of April 9, 2001. The Written Exam materials for this same exam are due to you on February 26, 2001, and will be forthcoming. NUREG 1021 physical security requirements state that the enclosed examination materials shall be withheld from public disclosure until after the examination is complete.

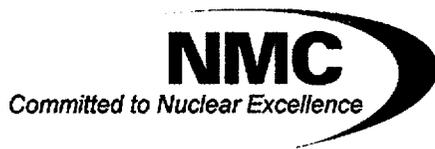
You may direct any questions or comments regarding this material to Mike Fisher at 319-851-7268 (or 7559) or George Thullen at 319-851-7268 (or 7945)

By: 
Keith D. Young
DAEC Training Manager

Attachments:

1. ES 201-2 Exam Outline QA Checklist (Simulator and Walkthrough only)
2. ES 301-1 SRO Admin Topic Outlines (Revised)
3. ES 301-1 RO Admin Topic Outlines
4. ES 301-2 SRO Walkthrough Outlines
5. ES 301-2 RO Walkthrough Outlines
6. Justification for revisions to JPM outlines
7. ES-D-1 Scenario Outlines for 2 Scenarios (Revised)
8. ES-D-2 Scenario Operator Actions for 2 Scenarios
9. Justification for revisions to Scenario outlines
10. ES 301-3 Operating Test QA Checklist
11. ES 301-4 Simulator Scenario QA Checklist (Revised)
12. ES 301-5 Transient Event Checklist (Revised)
13. ES 301-6 Competencies Checklist (Revised)
14. 10 Simulator/In-Plant JPMs (Including equivalent to Forms ES-C-1 & C-2)
15. 8 Admin JPMs (Including equivalent to Forms ES-C-1 & C-2)
16. 2 Simulator Scenarios
17. Additional ES 301 Criteria
18. Copies of actual procedures used to perform all JPMs.
19. Copies of EOP flowcharts

cc: Documaster w/o
Davis, Mike w/o



Duane Arnold Energy Center
3277 DAEC Road
Palo, IA 52324-9785

Operated by Nuclear Management
Company LLC

February 23, 2001
NG-01-0245

Region III, U.S Nuclear Regulatory Commission
Attn: Ms. A. M. Stone
801 Warrenville Road
Lisle, IL 60532-4351

Subject: Duane Arnold Energy Center
Docket No: 50-331
Op. License No: DPR-49
Examination Material for DAEC Initial License Examination Week of April 9, 2001.
File: A117a
References: NUREG 1021, "Operating License Examination Standard for Power Reactors",
Revision 8, Supplement 1.

Dear Ms. Stone:

In accordance with the guidelines of NUREG 1021, "Operating License Examination Standard for Power Reactors", Revision 8, we are sending you the Reactor Operator Written Exam materials for the initial license examinations to be administered at our facility the week of April 9, 2001. The SRO Written Exam materials and associated Written Exam Quality Assurance forms for this same exam are will be submitted next week per agreement.

NUREG 1021 physical security requirements state that the enclosed examination materials shall be withheld from public disclosure until after the examination is complete.

You may direct any questions or comments regarding this material to Mike Fisher at 319-851-7268 (or 7559) or George Thullen at 319-851-7268 (or 7945).

By: Keith D. Young
Keith D. Young
DAEC Training Manager

Attachments

1. ES 401-2, RO Exam outline (Revised)
2. ES 401-5, RO Generic K/A outline (Revised)
3. Justification for revisions to RO Written Exam Outlines
4. ES-401-8 RO Written Exam Cover Sheet
5. RO Written Exam
6. RO Written Exam Answer Key
7. Systematic Cognitive Level Ranking system
8. A list of which 10 new questions were written to the Comprehension/Analysis level
9. Necessary pages from reference material with applicable information highlighted.
10. Questions from Audit Exams
11. Copies of questions from outside sources used to create write a plant specific question

cc: Documaster w/o
Davis, Mike w/o



Duane Arnold Energy Center
3277 DAEC Road
Palo, IA 52324-9785

Operated by Nuclear Management
Company LLC

March 5, 2001
NG-01-0246

Region III, U.S Nuclear Regulatory Commission
Attn: Ms. A. M. Stone
801 Warrenville Road
Lisle, IL 60532-4351

Subject: Duane Arnold Energy Center
Docket No: 50-331
Op. License No: DPR-49
Examination Material for DAEC Initial License Examination Week of April 9, 2001.
File: A117a

References: NUREG 1021, "Operating License Examination Standard for Power Reactors",
Revision 8, Supplement 1.

Dear Ms. Stone:

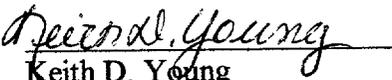
In accordance with the guidelines of NUREG 1021, "Operating License Examination Standard for Power Reactors", Revision 8, we are sending you:

- The Senior Reactor Operator Written Exam materials
- The validated, spare Simulator Scenario

for the initial license examinations to be administered at our facility the week of April 9, 2001.

NUREG 1021 physical security requirements state that the enclosed examination materials shall be withheld from public disclosure until after the examination is complete.

You may direct any questions or comments regarding this material to Mike Fisher at 319-851-7268 (or 7559) or George Thullen at 319-851-7268 (or 7945).

By: 
Keith D. Young
DAEC Training Manager

Attachments:

1. One Simulator Scenario
2. ES 401-7 RO Written Exam Quality Checklist
3. ES 401-7 SRO Written Exam Quality Checklist
4. ES 401-1, SRO Exam outline (Revised)
5. ES 401-5, SRO Generic K/A outline (Revised)
6. Justification for revisions to SRO Written Exam Outlines
7. ES-401-8 SRO Written Exam Cover Sheet
8. SRO Written Exam
9. SRO Written Exam Answer Key
10. A list of which 10 new questions were written to the Comprehension/Analysis level
11. Necessary pages from reference material with applicable information highlighted.
12. SRO Questions from Audit Exams
13. Copies of questions from outside sources used to create write a plant specific question

cc: Documaster w/o
Davis, Mike w/o



Duane Arnold Energy Center
3277 DAEC Road
Palo, IA 52324-9785

Operated by Nuclear Management
Company LLC

April 3, 2001
NG-01-0437

Region III, U.S Nuclear Regulatory Commission
Attn: Ms. A. M. Stone
801 Warrenville Road
Lisle, IL 60532-4351

Subject: Duane Arnold Energy Center
Docket No: 50-331
Op. License No: DPR-49
Examination Material for DAEC Initial License Examination Week of April 9, 2001.
File: A117a
References: NUREG 1021, "Operating License Examination Standard for Power Reactors",
Revision 8, Supplement 1.

Dear Ms. Stone

In accordance with the guidelines of NUREG 1021, "Operating License Examination Standard for Power Reactors", Revision 8, we are sending you:

- The revised Operating Exam material
- The revised Written Exams

for the initial license examinations to be administered at our facility the week of April 9, 2001.

NUREG 1021 physical security requirements state that the enclosed examination materials shall be withheld from public disclosure until after the examination is complete.

Dean Curtland, the DAEC Operations Manager has requested permission to observe the Operating Exam. He also requests that Paul Hansen be approved as his alternate if the demands of his job require him to be elsewhere.

You may direct any questions or comments regarding this material to Mike Fisher at 319-851-7268 (or 7559) or George Thullen at 319-851-7268 (or 7945).

By:

Mike Davis

DAEC Operations Training Supervisor

Attachments:

1. ES 301-1 RO Admin Topic Outlines
2. ES 301-2 SRO Walkthrough Outlines
3. ES 301-2 RO Walkthrough Outlines
4. ES-D-1 Scenario Outlines for 3 Scenarios
5. ES 301-3 Operating Test QA Checklist
6. ES 301-4 Simulator Scenario QA Checklist
7. ES-D-2 (Equivalent) Scenario Operator Actions for 3 Scenarios
8. 10 Simulator/In-Plant JPMs with attachments
9. 8 Admin JPMs with attachments
10. 3 Simulator Scenarios with attachments
11. RO Written Exam
12. SRO Written Exam
13. Open Item Answer Key pages from 3/29 Meeting
14. Cross-reference of RO and SRO questions
15. ES 401-7 RO Written Exam Quality Checklist
16. ES 401-7 SRO Written Exam Quality Checklist
17. ES 401-1, SRO Exam outline (Final)
18. ES 401-2, RO Exam outline (Final)
19. ES 401-5, SRO Generic K/A outline (Final)
20. ES 401-5, SRO Generic K/A outline (Final)
21. Justification for revisions to RO and SRO Written Exam Outlines
22. SRO Written Exam Supplementary Handouts
23. 12 Day Submittal Totals

cc: Documaster w/o
Keith Young w/o



Duane Arnold Energy Center
3277 DAEC Road
Palo, IA 52324-9785

Operated by Nuclear Management
Company LLC

April 17, 2001
NG-01-0513

Region III, U.S Nuclear Regulatory Commission
Attn: Ms. A. M. Stone
801 Warrenville Road
Lisle, IL 60532-4351

Subject: Duane Arnold Energy Center
Docket No: 50-331
Op. License No: DPR-49
Examination Material for DAEC Initial License Examination Week of April 9, 2001.
File: A117a
References: NUREG 1021, "Operating License Examination Standard for Power Reactors",
Revision 8, Supplement 1.

Dear Ms. Stone

In accordance with the guidelines of NUREG 1021, "Operating License Examination Standard for Power Reactors", Revision 8, we are sending you the completed Written Exam material for the initial license examinations held at our facility the week of April 9, 2001.

We have reviewed the questions missed by more than half of the applicants. (The only questions missed by exactly one half of the candidates would come from the SRO exam that had only two candidates.) The candidate's comments were considered and are included in this report. We do not wish to change the grading for these or any other questions on the RO and SRO written exams. The attached Post Exam Comments Report will be used in our Training Systems Development program to address deficiencies in the Initial License Class training program.

The signed-off Exam Security agreement will be forwarded to you as soon as it has been completed.

You may direct any questions or comments regarding this material to Mike Fisher at 319-851-7268 (or 7559) or George Thullen at 319-851-7268 (or 7945).

By: Keith Young
Keith Young
DAEC Training Manager

*listing of questions missed
by applicants. There were
no changes to the exam.
AMS
5/24/01*

Attachments:

1. 5 clean answer sheets copied before grading
2. 5 original, graded answer sheets with form ES-401-8
3. RO Scantron Answer Key
4. SRO Scantron Answer Key
5. RO Test Item Analysis
6. SRO Test Item Analysis
7. A copy of RO exam question 96 answer key with pen & ink changes
8. Log of examination activities including seating chart and question clarifications
9. Post Exam Comments Report
10. Diskette with electronic version of exams

cc: Documaster w/o
Mike Davis w/o



Duane Arnold Energy Center
3277 DAEC Road
Palo, IA 52324-9785

Operated by Nuclear Management
Company LLC

April 23, 2001
NG-01-0549

Region III, U.S Nuclear Regulatory Commission
Attn: Ms. A. M. Stone
801 Warrenville Road
Lisle, IL 60532-4351

Subject: Duane Arnold Energy Center
Docket No: 50-331
Op. License No: DPR-49
DAEC Initial License Examination Week of April 9, 2001.

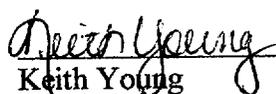
File: A117a

References: NUREG 1021, "Operating License Examination Standard for Power Reactors",
Revision 8, Supplement 1.

Dear Ms. Stone,

In accordance with the guidelines of NUREG 1021, "Operating License Examination Standard for Power Reactors", Revision 8, we are sending you the signed off Examination Security Agreement for the initial license examinations held at our facility the week of April 9, 2001.

You may direct any questions or comments regarding this material to Mike Fisher at 319-851-7559 or George Thullen at 319-851-7945.

By: 
Keith Young
DAEC Training Manager

Attachment:
1. ES-201-3 Examination Security Agreement

cc: Documaster w/o
Mike Davis w/o

ES-201

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 04/09/2001 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 _____. 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. MICHAEL FISHER	SR INSTRUCTOR	<i>Michael Fisher</i>	4/24/00	<i>Michael Fisher</i>	4/17/2001
2. JIM SPARANO	TRANS SUPV - ADM	<i>Jim Sparano</i>	1-25-00	<i>Jim Sparano</i>	4-17-2001
3. GEORGE THULLEN	SR. INSTRUCTOR-developer	<i>George Thullen</i>	2/22/00	<i>George Thullen</i>	4/13/01 1430
4. JOE LOESCH	PITZ PRINC. INSTRUCTOR / PI-developer	<i>Joe Loesch</i>	0/22/00		
5. KEITH YOUNG	Manager, Nuc. Training	<i>Keith Young</i>	1/5/01	<i>Keith Young</i>	4/16/01 0855
6. KELLY GAJSMAR	ANSOE	<i>Kelly Gajsmar</i>	1/5/01	<i>Kelly Gajsmar</i>	4/17/01 0638
7. PETER THULLEN	Sen of Exm developer	<i>Peter Thullen</i>	1/27/01	<i>Peter Thullen</i>	4/19/01
8. R. C. HUNT	Principal Instructor	<i>R. C. Hunt</i>	1/24/00	<i>R. C. Hunt</i>	4/16/01
9. LOWELL JOHNSON	Simulator Specialist	<i>Lowell Johnson</i>	2-2-01	<i>Lowell Johnson</i>	4/17/01
10. STEVEN E. ALLEN	Simulator Specialist	<i>Steven E. Allen</i>	2-2-01	<i>Steven E. Allen</i>	4/17/01
11. LONNIE GROSS	NSOE SME	<i>Lonnie Gross</i>	2-3-01	<i>Lonnie Gross</i>	4-17-01
12. BOB MADDIX	ANSOE	<i>Bob Maddix</i>	2/3/01	<i>Bob Maddix</i>	4/17/01
13. KENN RUSHWORTH	OSS	<i>Ken Rushworth</i>	2/3/01	<i>Ken Rushworth</i>	4/17/01
14. JERRY SUBBERT	NSOE	<i>Jerry Subbert</i>	2/4/01	<i>Jerry Subbert</i>	4-19-01
15. PAUL R SULLIVAN	Manager, Emergency Planning	<i>Paul Sullivan</i>	2/5/01	<i>Paul Sullivan</i>	04/17/01

NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 4/9/01 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 _____. From the date that I entered into this security agreement until the completion of examination administration, I did not instruct, evaluate, or provide performance feedback to those applicants who were administered these licensing examinations, except as specifically noted below and authorized by the NRC.

PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE NOTE
1. <u>Scott Arebaugh</u>	<u>NSOE / Control Room</u>	<u>Scott Arebaugh</u>	<u>2/7/01</u>	<u>Scott Arebaugh</u>	<u>4/17/01</u>
2. <u>Jeff White</u>	<u>ANSOE / Control Room</u>	<u>Jeff White</u>	<u>2/7/01</u>	<u>Jeff White</u>	<u>4/17/01</u>
3. <u>Brian Hupke</u>	<u>OSM / CONTROL ROOM</u>	<u>Brian Hupke</u>	<u>2/6/01</u>	<u>Brian Hupke</u>	<u>4/17/01</u>
4. <u>Tom Brawning</u>	<u>Sr. Licensing Eng. / Licensing</u>	<u>Tom Brawning</u>	<u>2/7/01</u>	<u>Tom Brawning</u>	<u>4/17/01</u>
5. <u>Jeffrey N. Pladsen</u>	<u>ANSOE / CONTROL ROOM</u>	<u>Jeffrey N. Pladsen</u>	<u>2-10-01</u>	<u>Jeffrey N. Pladsen</u>	<u>4-17-01</u>
6. <u>John Hoagler</u>	<u>ANSOE / Control Room</u>	<u>John Hoagler</u>	<u>2/10/01</u>	<u>John Hoagler</u>	<u>4/21/01</u>
7. <u>Jeffrey A. Niell</u>	<u>Licensed NSPEO / Tagout Coordinator</u>	<u>Jeffrey A. Niell</u>	<u>2-10-01</u>	<u>Jeffrey A. Niell</u>	<u>4-17-01</u>
8. <u>JOHN KRUEGER</u>	<u>NSOE / CONTROL ROOM</u>	<u>John Krueger</u>	<u>2/11/01</u>	<u>John Krueger</u>	<u>4/17/01</u>
9. <u>DOUG MUSEL</u>	<u>ANSOE / CONTROL ROOM</u>	<u>Doug Musel</u>	<u>02/10/01</u>	<u>Doug Musel</u>	<u>04/17/01</u>
10. <u>MARK RUCHKO</u>	<u>ANSOE / CONTROL ROOM</u>	<u>Mark Ruchko</u>	<u>2/17/01</u>	<u>Mark Ruchko</u>	<u>4-17-01</u>
11. <u>PAUL HANSEN</u>	<u>OPERATIONS SUPERVISOR</u>	<u>Paul Hansen</u>	<u>2-22-01</u>	<u>Paul Hansen</u>	<u>4-17-2001</u>
12. <u>DICK FOWLER</u>	<u>O.S.M. / Control Room</u>	<u>Dick Fowler</u>	<u>2/23/2001</u>	<u>Dick Fowler</u>	<u>4/17/01</u>
13. <u>MICHAEL FETZER</u>	<u>OSS / CONTROL ROOM</u>	<u>Michael Fetzer</u>	<u>2-23-2001</u>	<u>Michael Fetzer</u>	<u>4-17-01</u>
14. <u>Kalamaja</u>	<u>ANSOE / Control Room</u>	<u>Kalamaja</u>	<u>2-26-01</u>	<u>Kalamaja</u>	<u>4-17-01</u>
15. <u>J. VAN DYCKE</u>	<u>OSM / CONTROL ROOM</u>	<u>J. Van Dyke</u>	<u>2-26-01</u>	<u>J. Van Dyke</u>	<u>4-19-01</u>

NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 4/9/01 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 _____. 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. ERNEST Z AUGG	Simulator Tech	<i>Ernest Z Augg</i>	3-3-01	<i>Ernest Z Augg</i>	4-16-01
2. GORDON FULLER	SR INSTRUCTOR / LOR	<i>Gordon Fuller</i>	4-9-01	<i>Gordon Fuller</i>	4/17/01
3. ELLI VANN	Instructor	<i>Elli Vann</i>	3-22-01	<i>Elli Vann</i>	4/16/01
4. Steve Huebsch	System Engineering Team Leader	<i>Steve Huebsch</i>	3-26-01	<i>Steve Huebsch</i>	4-17-01
5. D WAD STROUD	AMSOC	<i>D Wad Stroud</i>	3/27/01	<i>D Wad Stroud</i>	4-17-01
6. Edward Harrison	SRO	<i>Edward Harrison</i>	27MAY01	<i>Edward Harrison</i>	17 April
7. Mike Davis	Operations Training Supv.	<i>Mike Davis</i>	4/3/01	<i>Mike Davis</i>	4/13/01
8. Mark A. Warren	Instructor	<i>Mark A. Warren</i>	4/11/01	<i>Mark A. Warren</i>	4/16/01
9. Dean Curtland	Operations Manager	<i>Dean Curtland</i>	4/16/01	<i>Dean Curtland</i>	4/17/01
10. Glenn Rushworth	OSS	<i>Glenn Rushworth</i>	4-17-01	<i>Glenn Rushworth</i>	4-17-01
11.					
12.					
13.					
14.					
15.					

NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 04/09/2001 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.

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PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1. MICHAEL FISHER	SR INSTRUCTOR	<i>Michael Fisher</i>	1/24/00			
2. Jim SPARANO	TENS SUPD -ADM	<i>Jim Sparano</i>	1-25-00			
3. George Thullen	SR. Exam Developer	<i>George Thullen</i>	2/22/00	<i>George Thullen</i>	7/13/01	1430
4. JOE LOESCH	PITL PRINC. INSTRUCTOR / SR Developer	<i>Joe Loesch</i>	8/22/00	<i>Joe Loesch</i>	4/15/01	1045
5. Keith Young	Manager, Nuc. Trng	<i>Keith Young</i>	1/5/01			
6. Kelly GASSMAN	ANSOE	<i>Kelly Gassman</i>	1/5/01			
7. Peter Thullen	Sr of Exam Developer	<i>Peter Thullen</i>	1/27/01			
8. R. C. HUNT	Principal Instructor	<i>R. C. Hunt</i>	1/27/2001			
9. Lowell Johnson	Simulator Specialist	<i>Lowell Johnson</i>	2-2-01			
10. Steven C. Allen	Simulator Specialist	<i>Steven C. Allen</i>	2-2-01			
11. LONNIE GROSS	NSOB SME	<i>Lonnie Gross</i>	2-3-01			
12. Bill Madrox	ANSOE	<i>Bill Madrox</i>	2/8/01			
13. Kenneth Ruchworth	OSS	<i>Kenneth Ruchworth</i>	2/3/01			
14. Jerry Subbert	NSOE	<i>Jerry Subbert</i>	2/14/01			
15. Paul R Sullivan	Manager, Emergency Planning	<i>Paul Sullivan</i>	2/5/01			

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