

(16-01 class)

ES-201

Examination Security Agreement

Form ES-201-3

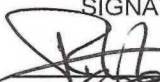


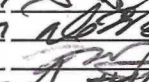
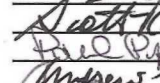
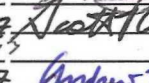
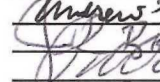
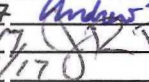
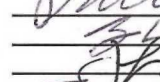
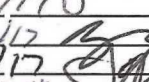
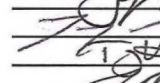
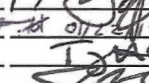
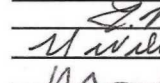
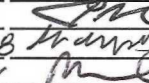
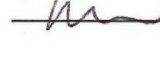
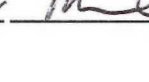


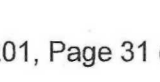







1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the U.S. Nuclear Regulatory Commission (NRC) licensing examinations scheduled for the week(s) of 6/4, 6/11 - 2018 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's 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's 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 6/4/18 - 6/19/18. 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.

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PRINTED NAME	JOB TITLE/RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1. Robert Johnston	Developer		4/5/17		6/20/18	
2. Danny Rhymer	OPS / CEO / SM		4/5/17		6/29/18	
3. Mike Anderson	Developer		4/5/17		6/20/18	
4. Scott Richardson	Developer		4/5/17		6/20/18	
5. Paul Papadakis	4/5/17 SIMULINK		5/23/17		6/29/18	* See sheet 7
6. Andrew Petruca	Sim Engineer		5/23/17		6/29/18	
7. JOEL BROOKS	SIM ENGINEER		5/23/17		6/24/18	* See sheets 6 & 6S
8. CARLY WILSON	Simulator Oper. Specialist		5/23/17		6/27/18	
9. RYAN KIMM	SOB		5/23/17		6/27/18	
10. Jody Lawler	Simulator Supervisor		5/23/17		6/27/18	
11. Thomas McDonald	OPS RO		4/21/17		6/20/18	* See sheet 8
12. Terry Holcombe	OPS RO		4/21/17		6/23/18	
13. Jason Pawlak	CLS OPS		1/22/18		6/23/18	
14. MIKE WILKS	CRS OPS		1-22-18		6/27/18	
15. MAX BOOR	OPS RO		1/29/18		6/24/18	

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ES-201

Examination Security Agreement

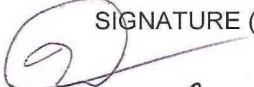
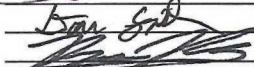
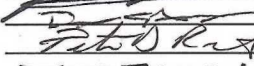

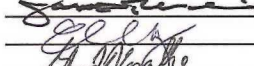
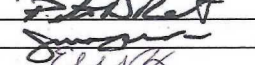
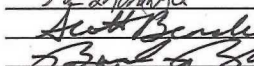
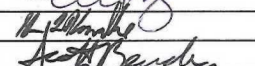
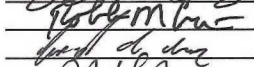
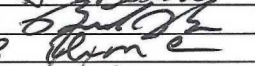
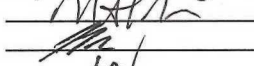
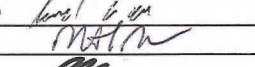
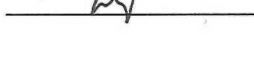
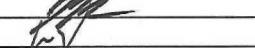









Form ES-201-3

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the U.S. Nuclear Regulatory Commission (NRC) licensing examinations scheduled for the week(s) of 6/4, 6/11, 2018 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's 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's 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 6/4/18 - 6/13/18. 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. Howard Garrett	Field Supervisor		1-29-18			* see sheet 9
2. Dan Fisher	CRS		1-29-18			* see sheet 10
3. Ryan Belcher	RO		1-29-18		6/26/18	
4. DUSTIN ANDERSON	RO		2-3-18		6/20/18	
5. Pete Rausch	RO		2-3-18		6/20/18	
6. James Greis	CRS		2-3-18		6/20/18	
7. Elvis Zimmerman	Field Supervisor		2/5/18		6/26/18	
8. Shawn Kowalke	RO		2/5/18		6/20/18	
9. Scott Bender	Shift Engineer		2/5/18		6/21/18	
10. Brandon Blue	SRO/SHIFT ENGINEER		2/10/18		6/21/18	
11. Robbie Crain	CRS		2/13/18		6/21/18	
12. Justin Buck	RO		2/14/18		6/25/18	
13. Brett Rachals	SE		2/14/18		6/26/18	
14. Joshua Riordan	RO		2-14-18		6-21-18	
15. Will Kennedy	SHIFT ENGR		2-15-18		6-20-18	

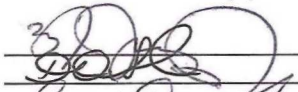

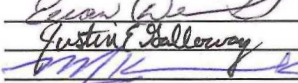
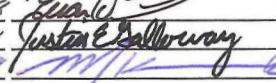
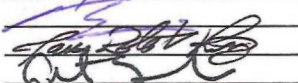
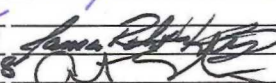
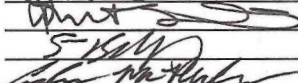
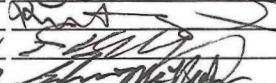
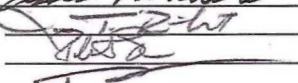
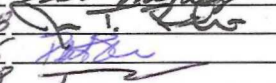
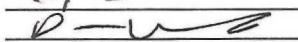
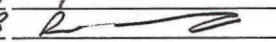


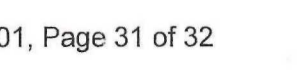





NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the U.S. Nuclear Regulatory Commission (NRC) licensing examinations scheduled for the week(s) of 6/4, 6/11 - 2018 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's 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's 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 6/4/18 - 6/18/18. 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. Robert Justice	GMNPD		2/16/18		6/27/18	
2. DON SHUE	MGR OPS		2/16/18		6/20/18	
3. Evan Derrick	RO		2/23/18		6-26-18	
4. Justin E Calloway	RO		3/3/18		6/20/18	
5. Mike Kravacka	CRS		3-8-18		6-20-18	
6. Travis Micklesch	CRS		3-12-18		6-20-18	see sheet 11
7. ROBBIE KING	SE/CRS		5-1-18		7-5-18	
8. ANTON MALSAM	RO		5-3-18		6-23-18	
9. KRIS BLAEN	RO		5/3/18		6/21/18	
10. Steven B. Illingsley	SM/SRO		5-7-18		7-10-18	
11. Andy McNeely	RO		5-7-18		6/26/18	
12. JASON T. BINEHART	HP SUPV		5-7-18		6/27/18	
13. Robert Swan	Ops Trng Supv.		5/9/18		6/20/18	
14. Tony Taffer	Instructor		5-30-18		6-20-18	
15. Darren WoKulka	Instructor		5-31-18		6-20-18	

NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the U.S. Nuclear Regulatory Commission (NRC) licensing examinations scheduled for the week(s) of 5/14, 6/11 - 2018 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's 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's 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 4/4/18 - 4/13/18. 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.

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PRINTED NAME	JOB TITLE/RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1. Robert Justice	GMNPD		2/16/18			
2. Don SHUE	MGR OPS		2/16/18			
3. Evan Demick	RO		2/25/18			
4. Justin E. Callaway	RO		3/3/18			
5. Mike Kranecek	ORS		3-8-18			
6. Travis Micklesch	CAS		3-12-18			
7. Russell Joplin	External Exam Peer		3-26-18			see sheet 12
8.						
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2018

ES-201

Examination Security Agreement

Form ES-201-3

1. Pre-Examination

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ES-201, Page 31 of 31

PRINTED NAME	JOB TITLE/RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1. <u>Jim Kocumman</u>	<u>SUPERVISOR</u>	<u>[Signature]</u>	<u>5/31/18</u>	<u>[Signature]</u>	<u>6/20/18</u>	
2. <u>Samantha Penland</u>	<u>Instructor</u>	<u>[Signature]</u>	<u>5/31/18</u>	<u>[Signature]</u>	<u>6/20/18</u>	
3. <u>KEITH HILYER</u>	<u>INSTRUCTOR</u>	<u>[Signature]</u>	<u>5/31/18</u>	<u>[Signature]</u>	<u>6/20/18</u>	
4. <u>Bill Schulze</u>	<u>Instructor</u>	<u>[Signature]</u>	<u>5-31-18</u>	<u>[Signature]</u>	<u>6-20-18</u>	
5. <u>Joshua Rene</u>	<u>Instructor</u>	<u>[Signature]</u>	<u>6/4/18</u>	<u>[Signature]</u>	<u>6-20-18</u>	
6. <u>Harvey Martins</u>	<u>Instructor</u>	<u>[Signature]</u>	<u>6-4-18</u>	<u>[Signature]</u>	<u>6-20-18</u>	
7. <u>Dave Edwards</u>	<u>Operations Supervisor</u>	<u>[Signature]</u>	<u>6-4-18</u>	<u>[Signature]</u>	<u>6-20-18</u>	
8. <u>Jason Galloway</u>	<u>Mentor</u>	<u>[Signature]</u>	<u>6-4-18</u>	<u>[Signature]</u>	<u>6-21-18</u>	
9. <u>Polly Romick</u>	<u>Instructor</u>	<u>[Signature]</u>	<u>6-4-18</u>	<u>[Signature]</u>	<u>6/20/18</u>	
10. <u>JASON WOODWORTH</u>	<u>Instructor</u>	<u>[Signature]</u>	<u>6/19/2018</u>	<u>[Signature]</u>	<u>6-24-18</u>	
11. <u>RICHARD GOLDSTEIN</u>	<u>Instructor</u>	<u>[Signature]</u>	<u>6-19-18</u>	<u>[Signature]</u>	<u>6-20-18</u>	
12. _____	_____	_____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____	_____	_____

NOTES:

JOHNSTON, ROBERT N

From: JOHNSTON, ROBERT N
Sent: Thursday, July 05, 2018 12:33 PM
To: 'larry_wag@msn.com'
Cc: ANDERSON, MICHAEL
Subject: Security agreement

Mr. Larry Wagner,

We have wrapped up another exam that had you on the associated security agreement. Please read the following statement and note the instruction below:

To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the NRC licensing examinations administered during the weeks of 6/4/18 through 6/18/18. 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.

If you have abided by the requirement above, please reply with a statement stating that you agree.

Thank you for your assistance, Hope all is well.

Robert Johnston
Lead Developer
V.C. Summer
(803) 931-5173 (ext. 55173)

JOHNSTON, ROBERT N

From: Larry Wagner <Larry_Wag@msn.com>
Sent: Thursday, July 05, 2018 1:53 PM
To: JOHNSTON, ROBERT N
Subject: Re: Security agreement

***This is an EXTERNAL email from Larry Wagner (Larry_Wag@msn.com). Please do not click on a link or open any attachments unless you are confident it is from a trusted source.

I did not
instruct, evaluate, or provide performance feedback to those applicants who were administered these licensing
examinations.
Thank you Robert.

Sent from my iPhone

On Jul 5, 2018, at 12:32 PM, JOHNSTON, ROBERT N <ROBERT.JOHNSTON@scana.com> wrote:

I did not

instruct, evaluate, or provide performance feedback to those applicants who were administered
these licensing examinations,

JOHNSTON, ROBERT N

To: Paul Popadak
Subject: RE: Security Agreement - VC Summer

From: Paul Popadak [mailto:popadak@pacbell.net]
Sent: Thursday, July 05, 2018 1:18 PM
To: JOHNSTON, ROBERT N <ROBERT.JOHNSTON@scana.com>
Subject: Re: Security Agreement - VC Summer

***This is an EXTERNAL email from Paul Popadak (popadak@pacbell.net). Please do not click on a link or open any attachments unless you are confident it is from a trusted source.

I have abided with the agreement and agree.

Paul Popadak

Sent from my iPhone

On Jul 5, 2018, at 12:34 PM, JOHNSTON, ROBERT N <ROBERT.JOHNSTON@scana.com> wrote:

Mr. Paul Popadak,

We have wrapped up another exam that had you on the associated security agreement. Please read the following statement and note the instruction below:

To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the NRC licensing examinations administered during the weeks of 6/4/18 through 6/18/18. 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.

If you have abided by the requirement above, please reply with a statement that you agree.

Thank you for your assistance, Hope all is well.

Thanks,

Robert Johnston
Lead Developer
V.C. Summer
(803) 931-5173 (ext. 55173)

Sheet 7

(16-01 class)

ES-201

Examination Security Agreement

Form ES-201-3

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the U.S. Nuclear Regulatory Commission (NRC) licensing examinations scheduled for the week(s) of 6/4, 6/11 - 2018 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's 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's chief examiner any indications or suggestions that examination security may have been compromised.

2. Post-Examination

ES-201, Page 31 of 31 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 6/4/18 - 6/18/18. 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. Robert Johnston	Developer		4/5/17		6/20/18	
2. DANNY RYMER	OPS / IRET / SM		4/5/17		6/20/18	
3. Mike Anderson	Developer		4/5/17		6/20/18	
4. Scott Richardson	Developer		4/5/17		6/20/18	
5. Paul Popadark	Simulator		5/23/17		6/20/18	
6. Andrew Potvin	Sim Engineer		5/23/17		6/20/18	
7. JOSE BROOKS	Simulator		5/23/17		6/20/18	
8. CARYN WHELAN	Simulator Oper. Specialist		5/23/17		6/20/18	
9. Ryan Rimm	OPS		5/23/17		6/20/18	
10. John Lawler	Simulator Supervisor		5/23/17		6/20/18	
11. Douglas McDonald	OPS RO		4/10/17		6/26/18	*
12. Terry Holcombe	OPS RO		4/22/18		6-20-18	
13. Jason Pawlak	OPS OPS		1/21/18			
14. MIKE WILTS	OPS OPS		1-22-18			
15. MAX BOOR	OPS RO		1/29/18		6/21/18	

NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the U.S. Nuclear Regulatory Commission (NRC) licensing examinations scheduled for the week(s) of 6/4, 6/11, 2018 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's 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's 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 6/4/18 - 6/18/18. 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. Howard Garrett	Field Supervisor		1-29-18		6/19/18	
2. Dan Fier	CRS		1-29-18			
3. Ryan Belcher	RO		1-29-18			
4. DUSTIN ANDERSON	RO		2-3-18			
5. Pete Rausch	RO		2-3-18			
6. James Greib	CRS		2-3-18			
7. Elvis Zimmerman	Field Supervisor		2/5/18			
8. Shaun Kowalke	RO		2/5/18			
9. Scott Bender	Shift ENGINEER		2/5/18			
10. Brandon Blue	SRO/SHIFT ENGINEER		2/10/18			
11. Robbie Crain	CRS		2/13/18			
12. Justin Buck	RO		2/14/18			
13. Bert Rachals	SE		2/14/18			
14. Joshua Riordan	RO		2-14-18			
15. Will Kennedy	SHIFT ENGR		2-15-18			


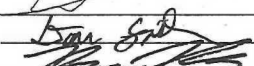
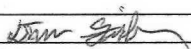

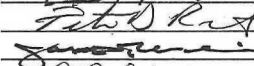
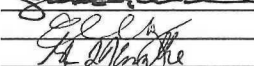
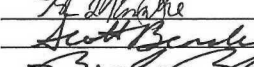
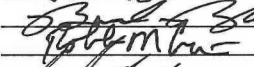
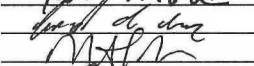
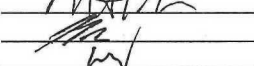
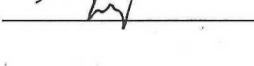


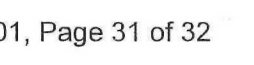


NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the U.S. Nuclear Regulatory Commission (NRC) licensing examinations scheduled for the week(s) of 6/4, 6/11 - 2018 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's 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's 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 6/4/18 - 6/10/18. 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. Howard Garrett	Field Supervisor		1-29-18			
2. Dan Fier	CRS		1-29-18		6/22/18	
3. Ryan Belcher	RO		1-29-18			
4. DUSTIN ANDERSON	RO		2-3-18			
5. Pete Rausch	RO		2-3-18			
6. James Greib	CRS		2-3-18			
7. Elvis Zimmerman	Field Supervisor		2/5/18			
8. Shaun Kovalke	RO		2/5/18			
9. Scott Bender	Shift Engineer		2/5/18			
10. Brandon Blue	SRO/SHIFT ENGINEER		2/10/18			
11. Robbie Crain	CRS		2/13/18			
12. Justin Buck	RO		2/14/18			
13. Bert Pachals	SE		2/14/18			
14. Joshua Riordan	RO		2-14-18			
15. Will Kennedy	SHIFT ENGR		2-15-18			

NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the U.S. Nuclear Regulatory Commission (NRC) licensing examinations scheduled for the week(s) of 6/19, 6/20, 6/21 - 2018 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's 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's 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 6/19/18 - 6/20/18. 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. Robert Justice	GMUPD		2/16/18		6/20/18	
2. Don SHUE	MGR OPS		2/16/18		6/20/18	
3. Evan Derrick	RO		2/25/18		6/20/18	
4. Justin E Callaway	RO		3/3/18		6/20/18	
5. Mike Kranacsek	CRS		3-8-18		6-20-18	
6. Travis Micklesch	CRS		3-12-18		6-26-18	*
7. ROBBIE KING	SE/CRS		5-1-18			
8. ANTON MALSAM	RO		5-3-18			
9. Kris Blum	RO		5/3/18		6/21/18	
10. Steven Billingsley	SM/SRO		5-2-18		6/26/18	
11. Andy McNeeley	RO		5-7-18		6/26/18	
12. James T. Buehner	HP SUPV		5-7-18		6/20/18	
13. Robert Shaw	Ops Eng. Supv.		5/7/18		6/20/18	
14. Tony Taffer	Instructor		5-30-18		6-20-18	
15. Darren Wokurka	Instructor		5-31-18		6-20-18	

NOTES:

* Emailed from Travis Micklesch 6/27/18

Examination Security Agreement









ES-201

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the U.S. Nuclear Regulatory Commission (NRC) licensing examinations scheduled for the week(s) of 2/14-18/18 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's 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's 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 2/14-18/18. 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. Robert Justice	CAUPO		2/14/18			
2. Don SHRE	mgc ops		2/14/18			
3. Evan Domic	RO		2/15/18			
4. Justin E. Calloway	RO		3/3/18			
5. Mike Kinnick	CCS		3-8-18			
6. David J. Kinnick	CCS		3-8-18			
7. Russell Joplin	External Exam Peer		3-26-18		6-21-18	*
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

NOTES:

* Emailed from Russell Joplin 6/21/18

Facility: <u>VC Summer (Unit 1)</u>		Date of Examination: <u>OP 6/4/18</u> <u>WR 6/19/18</u>
Developed by: Written: Facility <input checked="" type="checkbox"/> NRC <input type="checkbox"/> // Operating Facility <input checked="" type="checkbox"/> NRC <input type="checkbox"/>		
Target Date*	Task Description (Reference)	Chief Examiner's Initials
-240	1. Examination administration date confirmed (C.1.a; C.2.a-b). For NRC-prepared exams, arrangements are made for the facility to submit reference materials (C.1.e; C.3.c; Attachment 3). <u>10/11/17</u>	<u>BKL</u>
-210	2. NRC examiners and facility contact assigned (C.1.d; C.2.f). <u>10/11/17</u>	<u>BKL</u>
-210	3. Facility contact briefed on security and other requirements (C.2.c). As applicable, the facility contact submits to the NRC any prescreened K/As for elimination from the written examination outline, with a description of the facility's prescreening process (ES-401, D.1.b). <u>5/3/17</u>	<u>BKL</u>
-210	4. Reference material due for NRC-prepared exams (C.1.e; C.3.c; Attachment 3). <u>11/27/17</u>	<u>BKL</u>
-210	5. Corporate notification letter sent (C.2.e). <u>11/6/17</u>	<u>BKL</u>
-195	6. NRC-developed written examination outline (ES-401-1/2 or ES-401N-1/2 and ES-401-3 or ES-401N-3) sent to facility contact (must be on the exam security agreement) (C.1.e-f; C.2.h; C.3.d-e). <u>5/3/17</u>	<u>BKL</u>
-150	7. Operating test outline(s) and other checklists due, including Forms ES-201-2, ES-201-3, ES-301-1, ES-301-2, ES-301-5, and ES-D-1, as applicable (C.1.e-f; C.3.d-e). <u>11/27/17</u>	<u>BKL</u>
-136	8. Operating test outline(s) reviewed by the NRC and feedback provided to facility licensee (C.2.h; C.3.d-e). <u>12/29/17</u>	<u>BKL</u>
-75	9. Proposed examinations (written, JPMs, and scenarios, as applicable) and outlines (Forms ES-301-1, ES-301-2, ES-D-1, ES-401-1/2 or ES-401N-1/2, and ES-401-3 or ES-401N-3); supporting documentation (including Forms ES-301-3, ES-301-4, ES-301-5, ES-301-6, ES-401-6, ES-401N-6, and any Form ES-201-2 and ES-201-3 updates); and reference materials due (C.1.e-h; C.3.d). <u>WR: 2/26/18, OP: 3/16/18</u>	<u>BKL</u>
-75	10. Examinations prepared by the NRC are approved by the NRC supervisor and forwarded for facility licensee review (C.1.i; C.2.h; C.3.f-g).	<u>N/A</u>
-60	11. Preliminary waiver/excusal requests due (C.1.m; C.2.c; ES-202).	<u>N/A</u>
-50	12. Written exam and operating test reviews completed (C.3.f). <u>4/6/18</u>	<u>BKL</u>
-35	13. Examination review results discussed between the NRC and facility licensee (C.1.i; C.1.k-l; C.2.h; C.3.g). The NRC and the facility licensee conduct exam preparatory week. <u>5-7-18</u>	<u>BKL</u>
-30	14. Preliminary license applications and waiver/excusal requests, as applicable (NRC Form 398) due (C.1.m; C.2.i; ES-202). <u>5-4-18</u>	<u>BKL</u>
-14	15. Final license applications and waiver/excusal requests, as applicable (NRC Form 398), due and Form ES-201-4 prepared (C.1.m; C.2.k; ES-202). <u>5-21-18</u>	<u>BKL</u>
-7	16. Written examinations and operating tests approved by the NRC supervisor (C.2.j-k; C.3.h). <u>5/29/18</u>	<u>BKL</u>
-7	17. Request facility licensee management feedback on the examination (C.2.l). <u>6/19/18</u>	<u>BKL</u>
-7	18. Final applications reviewed; one or two (if more than 10) applications audited to confirm qualifications/eligibility; and examination approval and waiver/excusal letters sent (C.2.k; Attachment 5; ES-202, C.3.j; ES-204). <u>5/29/18</u>	<u>BKL</u>
-7	19. Proctoring/written exam administration guidelines reviewed with facility licensee (C.3.k). <u>6/18/18</u>	<u>BKL</u>
-7	20. Approved scenarios and job performance measures distributed to NRC examiners (C.3.i). <u>6/4/18</u>	<u>BKL</u>
* Target dates are based on facility-prepared examinations and the examination date identified in the corporate notification letter. These dates are for planning purposes and may be adjusted on a case-by-case basis in coordination with the facility licensee.		

Facility:		Date of Examination:		
Item	Task Description	Initials		
		a	b*	c**
1. W R I T T E N	a. Verify that the outline(s) fit(s) the appropriate model in accordance with ES-401 or ES-401N.			N-1
	b. Assess whether the outline was systematically and randomly prepared in accordance with Section D.1 of ES-401 or ES-401N and whether all K/A categories are appropriately sampled.			↓
	c. Assess whether the outline overemphasizes any systems, evolutions, or generic topics.			↓
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.			N-1
2. S I M U L A T O R	a. Using Form ES-301-5, verify that the proposed scenario sets cover the required number of normal evolutions, instrument and component failures, technical specifications, and major transients.	✓	P	BH
	b. Assess whether there are enough scenario sets (and spares) to test the projected number and mix of applicants in accordance with the expected crew composition and rotation schedule without compromising exam integrity, and ensure that each applicant can be tested using at least one new or significantly modified scenario, that no scenarios are duplicated from the applicants' audit test(s), and that scenarios will not be repeated on subsequent days.	✓	P	BH
	c. To the extent possible, assess whether the outline(s) conforms with the qualitative and quantitative criteria specified on Form ES-301-4 and described in Appendix D and in Section D.5, "Specific Instructions for the 'Simulator Operating Test,'" of ES-301 (including overlap).	✓	P	BH
3. W A L K T H R O U G H	a. Verify that the systems walkthrough outline meets the criteria specified on Form ES-301-2: (1) The outline(s) contains the required number of control room and in-plant tasks distributed among the safety functions as specified on the form. (2) Task repetition from the last two NRC examinations is within the limits specified on the form. (3) No tasks are duplicated from the applicant's audit test(s). (4) The number of new or modified tasks meets or exceeds the minimums specified on the form. (5) The number of alternate-path, low-power, emergency, and radiologically controlled area tasks meets the criteria on the form.	✓	P	BH
	b. Verify that the administrative outline meets the criteria specified on Form ES-301-1: (1) The tasks are distributed among the topics as specified on the form. (2) At least one task is new or significantly modified. (3) No more than one task is repeated from the last two NRC licensing examinations.	✓	P	BH
	c. Determine whether there are enough different outlines to test the projected number and mix of applicants and ensure that no items are duplicated on subsequent days.	✓	P	BH
4. G E N E R A L	a. Assess whether plant-specific priorities (including probabilistic risk assessment and individual plant examination insights) are covered in the appropriate exam sections.	✓	P	BH
	b. Assess whether the 10 CFR 55.41, 55.43, and 55.45 sampling is appropriate.	✓	P	BH
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	✓	P	BH
	d. Check for duplication and overlap among exam sections and the last two NRC exams.	✓	P	BH
	e. Check the entire exam for balance of coverage.	✓	P	BH
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	✓	P	BH
a. Author b. Facility Reviewer (*) c. NRC's Chief Examiner (#) d. NRC Supervisor		Printed Name/Signature Danny Rhymier / <i>[Signature]</i> BRUNO CABALLERO / <i>[Signature]</i> Eugene Guthrie / <i>[Signature]</i>		Date 5/14/18 5/18/18 5-22-18 5/29/18
* Not applicable for NRC-prepared examination outlines. # The independent NRC reviewer initials items in column "c"; the chief examiner's concurrence is required.				

- WRITTEN EXAM SAMPLE PLAN ONLY -

ES-201

Examination Outline Quality Checklist

Form ES-201-2

Facility: <u>V.C. SUMMER (UNIT 1)</u>		Date of Examination: <u>JUNE 2018</u>		
Item	Task Description	Initials		
		a	b*	c**
W R I T T E N	1. a. Verify that the outline(s) fit(s) the appropriate model in accordance with ES-401 or ES-401N.	M	N/A	BKL
	b. Assess whether the outline was systematically and randomly prepared in accordance with Section D.1 of ES-401 or ES-401N and whether all K/A categories are appropriately sampled.	M	N/A	BKL
	c. Assess whether the outline overemphasizes any systems, evolutions, or generic topics.	M	N/A	BKL
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	M	N/A	BKL
S I M U L A T O R	2. a. Using Form ES-301-5, verify that the proposed scenario sets cover the required number of normal evolutions, instrument and component failures, technical specifications, and major transients.			
	b. Assess whether there are enough scenario sets (and spares) to test the projected number and mix of applicants in accordance with the expected crew composition and rotation schedule without compromising exam integrity, and ensure that each applicant can be tested using at least one new or significantly modified scenario, that no scenarios are duplicated from the applicants' audit test(s), and that scenarios will not be repeated on subsequent days.			
	c. To the extent possible, assess whether the outline(s) conforms with the qualitative and quantitative criteria specified on Form ES-301-4 and described in Appendix D and in Section D.5, "Specific Instructions for the 'Simulator Operating Test,'" of ES-301 (including overlap).			
W A L K T H R O U G H	3. a. Verify that the systems walkthrough outline meets the criteria specified on Form ES-301-2: (1) The outline(s) contains the required number of control room and in-plant tasks distributed among the safety functions as specified on the form. (2) Task repetition from the last two NRC examinations is within the limits specified on the form. (3) No tasks are duplicated from the applicant's audit test(s). (4) The number of new or modified tasks meets or exceeds the minimums specified on the form. (5) The number of alternate-path, low-power, emergency, and radiologically controlled area tasks meets the criteria on the form.	N		A
	b. Verify that the administrative outline meets the criteria specified on Form ES-301-1: (1) The tasks are distributed among the topics as specified on the form. (2) At least one task is new or significantly modified. (3) No more than one task is repeated from the last two NRC licensing examinations.			
	c. Determine whether there are enough different outlines to test the projected number and mix of applicants and ensure that no items are duplicated on subsequent days.			
G E N E R A L	4. a. Assess whether plant-specific priorities (including probabilistic risk assessment and individual plant examination insights) are covered in the appropriate exam sections.	M	N/A	BKL
	b. Assess whether the 10 CFR 55.41, 55.43, and 55.45 sampling is appropriate.	M	N/A	BKL
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	M	N/A	BKL
	d. Check for duplication and overlap among exam sections and the last two NRC exams.	N/A	N/A	N/A
	e. Check the entire exam for balance of coverage.	M	N/A	BKL
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	M	N/A	BKL
a. Author: <u>MICHAEL MEERS / Michael Meers</u> b. Facility Reviewer (*): <u>N/A</u> c. NRC's Chief Examiner (#): <u>BRUNO CABALLERO / Bruno Caballero</u> d. NRC Supervisor: <u>Eugene Cruthers / Eugene Cruthers</u>		Date: <u>04/03/2017</u> <u>N/A</u> <u>5-2-17</u> <u>5/2/17</u>		
* Not applicable for NRC-prepared examination outlines. # The independent NRC reviewer initials items in column "c"; the chief examiner's concurrence is required.				

Facility:		Date of Examination:		Operating Test Number:		
1. General Criteria				Initials		
				a	b*	c#
a.	The operating test conforms to the previously approved outline; changes are consistent with sampling requirements (e.g., 10 CFR 55.45, operational importance, safety function distribution).			Y	P	BN
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.			Y	P	BN
c.	The operating test shall not duplicate items from the applicants' audit test(s) (see Section D.1.a.).			Y	P	BN
d.	Overlap with the written examination and between different parts of the operating test is within acceptable limits.			Y	P	BN
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.			Y	P	BN
2. Walkthrough Criteria				-	-	-
a.	Each JPM includes the following, as applicable: <ul style="list-style-type: none"> Initial conditions Initiating cues references and tools, including associated procedures reasonable and validated time limits (average time allowed for completion) and specific designation if deemed to be time critical by the facility licensee operationally important specific performance criteria that include— <ul style="list-style-type: none"> detailed expected actions with exact criteria and nomenclature system response and other examiner cues statements describing important observations to be made by the applicant criteria for successful completion of the task identification of critical steps and their associated performance standards restrictions on the sequence of steps, if applicable 			Y	P	BN
b.	Ensure that any changes from the previously approved systems and administrative walkthrough outlines (Forms ES-301-1 and ES-301-2) have not caused the test to deviate from any of the acceptance criteria (e.g., item distribution, bank use, repetition from the last two NRC examinations) specified on those forms and Form ES-201-2.			Y	P	BN
3. Simulator Criteria				-	-	-
The associated simulator operating tests (scenario sets) have been reviewed in accordance with Form ES-301-4, and a copy is attached.				Y	P	BN
Printed Name/Signature			Date			
a.	Author <u>Robert Johnston</u>			<u>5/18/18</u>		
b.	Facility Reviewer (*) <u>DANNY RHYMER</u>			<u>5/18/18</u>		
c.	NRC Chief Examiner (#) <u>BRUNO CABALLERO</u>			<u>5-22-18</u>		
d.	NRC Supervisor <u>Eugene Crutcher</u>			<u>5/24/18</u>		
<p>* The facility licensee signature is not applicable for NRC-developed tests.</p> <p># The Independent NRC reviewer initials items in column "c"; the chief examiner concurrence is required.</p>						

Facility: VC SUMMER Date of Exam: 06/04/2018 Scenario Numbers: 1/2/3/4 Operating Test No: NRC-ILO-16-01				
QUALITATIVE ATTRIBUTES		Initials		
		a	b*	c#
1. The initial conditions are realistic, in that some equipment and/or instrumentation may be out of service, but it does not cue the operators into expected events.		4	P	BK
2. The scenarios consist mostly of related events.		4	P	BK
3. Each event description consists of <ul style="list-style-type: none"> the point in the scenario when it is to be initiated the malfunction(s) or conditions that are entered to initiate the event the symptoms/cues that will be visible to the crew the expected operator actions (by shift position) the event termination point (if applicable) 	4	P	BK	
4. The events are valid with regard to physics and thermodynamics.		4	P	BK
5. Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.		4	P	BK
6. If time compression techniques are used, the scenario summary clearly so indicates. Operators have sufficient time to carry out expected activities without undue time constraints. Cues are given.		4	P	BK
7. The simulator modeling is not altered.		4	P	BK
8. The scenarios have been validated. Pursuant to 10 CFR 55.46(d), any open simulator performance deficiencies or deviations from the referenced plant have been evaluated to ensure that functional fidelity is maintained while running the planned scenarios.		4	P	BK
9. Scenarios are new or significantly modified in accordance with Section D.5 of ES-301.		4	P	BK
10. All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).		4	P	BK
11. The scenario set provides the opportunity for each applicant to be evaluated in each of the applicable rating factors. (Competency Rating factors as described on forms ES-303-1 and ES-303-3.)		4	P	BK
12. Each applicant will be significantly involved in the minimum number of transients and events specified on Form ES-301-5 (submit the form with the simulator scenarios).		4	P	BK
13. The level of difficulty is appropriate to support licensing decisions for each crew position.		4	P	BK
Target Quantitative Attributes per Scenario (See Section D.5.d)	Actual Attributes	--	--	--
1. Malfunctions after EOP entry (1-2)	4 / 4 / 3 / 2	4	P	BK
2. Abnormal events (2-4)	4 / 4 / 4 / 5	4	P	BK
3. Major transients (1-2)	2 / 2 / 1 / 1	4	P	BK
4. EOPs entered/requiring substantive actions (1-2)	2 / 2 / 1 / 2	4	P	BK
5. Entry into a contingency EOP with substantive actions (> 1 per scenario set)	1 / 1 / 1 / 1	4	P	BK
6. Preidentified critical tasks (≥ 2)	3 / 2 / 2 / 2	4	P	BK
* The facility signature is not applicable for NRC-developed tests. # An Independent NRC reviewer initials items in column "c"; chief examiner concurrence required.				

Facility: VC SUMMER		Date of Examination: 6/4/2018		Operating Test No: ILO-16-01									
Competencies	APPLICANTS												
	RO-1			RO-2			RO-3			SRO-I-1			
	RO <input type="checkbox"/>			RO <input type="checkbox"/>			RO <input type="checkbox"/>			RO <input type="checkbox"/>			
	SRO-I <input type="checkbox"/>			SRO-I <input type="checkbox"/>			SRO-I <input type="checkbox"/>			SRO-I <input type="checkbox"/>			
	SRO-U <input type="checkbox"/>			SRO-U <input type="checkbox"/>			SRO-U <input type="checkbox"/>			SRO-U <input type="checkbox"/>			
	SCENARIO			SCENARIO			SCENARIO			SCENARIO			
	1(B)	3(R)		2(B)	3(R)		1(B)	2(R)	3(B)		2(R)	3(C)	
Interpret/Diagnose Events and Conditions	4, 5	4, 6		2, 3	4, 6		4, 5	4, 5	3, 5		4, 5	8	
Comply With and Use Procedures (1)	1, 4, 5, 6, 7	2, 4, 6, 8		1, 2, 3, 6, 7	2, 4, 6, 8		1, 4, 5, 6, 7	3, 4, 5, 6, 7	1, 3, 5, 8		3, 4, 5, 6, 7	1, 2, 3, 4, 5, 6, 8	
Operate Control Boards (2)	1, 4, 5, 6, 7	2, 4, 6, 8		1, 2, 3, 6, 7	2, 4, 6, 8		1, 4, 5, 6, 7	3, 4, 5, 6, 7	1, 3, 5, 8		3, 4, 5, 6, 7		
Communicate and Interact	1, 4, 5, 6, 7	2, 4, 6, 8		1, 2, 3, 6, 7	2, 4, 6, 8		1, 4, 5, 6, 7	3, 4, 5, 6, 7	1, 3, 5, 8		3, 4, 5, 6, 7	1, 2, 3, 4, 5, 6, 7, 8	
Demonstrate Supervisory Ability (3)												1, 2, 3, 4, 5, 6, 7, 8	
Comply With and Use Tech. Specs. (3)												3, 7	
Notes: (1) Includes Technical Specification compliance for an RO. (2) Optional for an SRO-U. (3) Only applicable to SROs.													


Instructions:

Check the applicants' license type and enter one or more event numbers that will allow the examiners to evaluate every applicable competency for every applicant. (This includes all rating factors for each competency.) (Competency Rating factors as described on forms ES-303-1 and ES-303-3.)

Facility: VC SUMMER		Date of Examination: 6/4/2018		Operating Test No: ILO-16-01												
Competencies	APPLICANTS															
	SRO-I-2				SRO-I-3				SRO-U-1				SRO-U-2			
	RO <input type="checkbox"/>				RO <input type="checkbox"/>				RO <input type="checkbox"/>				RO <input type="checkbox"/>			
	SRO-I <input type="checkbox"/>				SRO-I <input type="checkbox"/>				SRO-I <input type="checkbox"/>				SRO-I <input type="checkbox"/>			
	SRO-U <input type="checkbox"/>				SRO-U <input type="checkbox"/>				SRO-U <input type="checkbox"/>				SRO-U <input type="checkbox"/>			
SCENARIO				SCENARIO				SCENARIO				SCENARIO				
1(R) 2(C)				1(R) 2(C) 3(B)				1(C) 2(B)				1(C) 3(C)				
Interpret/Diagnose Events and Conditions	2, 3	6, 7			2, 3	6, 7	3, 5		6, 7	2, 3,			6, 7	8		
Comply With and Use Procedures (1)	1, 2, 3, 6, 7	1, 2, 3, 4, 5, 6, 7			1, 2, 3, 6, 7	1, 2, 3, 4, 5, 6, 7	1, 3, 5, 8		1, 2, 3, 4, 5, 6, 7	1, 2, 3, 6, 7			1, 2, 3, 4, 5, 6, 7	1, 2, 3, 4, 5, 6, 8		
Operate Control Boards (2)	1, 2, 3, 6, 7				1, 2, 3, 6, 7		1, 3, 5, 8			1, 2, 3, 6, 7						
Communicate and Interact	1, 2, 3, 6, 7	1, 2, 3, 4, 5, 6, 7			1, 2, 3, 6, 7	1, 2, 3, 4, 5, 6, 7	1, 3, 5, 8		1, 2, 3, 4, 5, 6, 7	1, 2, 3, 6, 7			1, 2, 3, 4, 5, 6, 7	1, 2, 3, 4, 5, 6, 7, 8		
Demonstrate Supervisory Ability (3)		1, 2, 3, 4, 5, 6, 7				1, 2, 3, 4, 5, 6, 7			1, 2, 3, 4, 5, 6, 7				1, 2, 3, 4, 5, 6, 7	1, 2, 3, 4, 5, 6, 7, 8		
Comply With and Use Tech. Specs. (3)		4, 5				4, 5			2, 3, 4				2, 3, 4	3, 7		
Notes: (1) Includes Technical Specification compliance for an RO. (2) Optional for an SRO-U. (3) Only applicable to SROs.																

Instructions:

Check the applicants' license type and enter one or more event numbers that will allow the examiners to evaluate every applicable competency for every applicant. (This includes all rating factors for each competency.) (Competency Rating factors as described on forms ES-303-1 and ES-303-3.)

Facility: <u>Summer</u>		Date of Exam: <u>6/18</u> ^{6/19/18} <u>B/C</u>		Exam Level: RO <input type="checkbox"/> SRO <input checked="" type="checkbox"/>	
Item Description	Initials				
	a	b	c		
1. Clean answer sheets copied before grading	<u>DL</u>	<u>N/A</u>	<u>BN</u>		
2. Proposed answer key changes and question deletions justified and documented (facility reviewer initials not required (N/R) if NO post-examination comments are submitted)	<u>N/R</u>		<u>N/R</u>		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<u>DL</u>		<u>BN</u>		
4. Grading for all borderline cases (80% \pm 2% overall and 70% or 80%, as applicable, \pm 4% on the SRO-only exam) reviewed in detail	<u>N/A</u>		<u>N/A</u>		
5. All other failing examinations checked to ensure that grades are justified	<u>N/A</u>		<u>N/A</u>		
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by one-half or more of the applicants	<u>DL</u>	<u>↓</u>	<u>BN</u>		
Printed Name/Signature		Date			
a. Grader	<u>David Lanyi / DL</u>		<u>6/28/18</u>		
b. Facility Reviewer(*)	<u>N/A</u>		<u>N/A</u>		
c. NRC Chief Examiner (*)	<u>BRUNO CABALLERO</u>		<u>7-2-18</u>		
d. NRC Supervisor (*)	<u>Eugene Guthrie</u> 		<u>7/10/18</u>		
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					

FOR OFFICIAL USE ONLY

Neil E. Constance
Manager, Nuclear Training
803.345.4028



November 21, 2017

Eugene F. Guthrie, Chief
Operations Branch 2
Division of Reactor Safety
U.S. Nuclear Regulatory Commission, Region II
245 Peachtree Center Ave. N.E., Suite 1200
Atlanta, Georgia 30303-1257

Dear Mr. Guthrie:

Subject: VIRGIL C. SUMMER NUCLEAR STATION (VCSNS), UNIT 1
DOCKET NO. 50-395
OPERATING LICENSE NO. NPF-12
REACTOR AND SENIOR REACTOR OPERATOR
INITIAL EXAMINATION OUTLINES

In accordance with the guidelines in NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 11, in particular ES-201, "Initial Operator Licensing Examination Process," and ES-301, "Preparing Initial Operating Tests," South Carolina Electric & Gas Company has enclosed the following information for your consideration:

- Enclosure 1 ES-201-2, Examination Outline Quality Checklist
- Enclosure 2 ES-201-3, Examination Security Agreement
- Enclosure 3 ES-301-1, Administrative Topics Outline
- Enclosure 4 ES-301-2, Control Room/In-Plant Systems Outline
- Enclosure 5 ES-301-5, Transient and Event Checklist
- Enclosure 6 ES-D-1s, Scenario Outlines
- Enclosure 7 Supporting Reference Materials

The enclosed examination materials have been independently reviewed by Danny L. Rhymer, Shift Manager, Operations.

In accordance with NUREG-1021, this material must be withheld from public disclosure until the examinations are complete.

Should there be any questions, please contact Mr. Robert N. Johnston, Lead Developer, at (803) 931-5173.

Very truly yours,

A handwritten signature in blue ink, appearing to read "Neil E. Constance".

Neil E. Constance

TS/NEC/rp
Enclosures

C:
B. L. Caballero (NRC e-mail notification)
NRC Resident Inspector

RTS (CR-17-05844)
File (814.04, RR 1050)
PRSF (RC-17-0166)

rec'd
11-27-17



March 8, 2018

Mr. Eugene F. Guthrie, Chief
Operations Branch 2
Division of Reactor Safety
U. S. Nuclear Regulatory Commission, Region II
245 Peachtree Center Ave. N.E., Suite 1200
Atlanta, GA 30303-1257

Dear Mr. Guthrie:

Subject: VIRGIL C. SUMMER NUCLEAR STATION (VCSNS), UNIT 1
DOCKET NO. 50-395
OPERATING LICENSE NO. NPF-12
REACTOR AND SENIOR REACTOR OPERATOR OPERATING TEST AND
SUPPORTING REFERENCE MATERIAL

Based on the guidelines in NUREG-1021, "Operator Licensing Examination Standards for Power Reactors", Revision 11, South Carolina Electric & Gas Company is providing the following information for your consideration.

- ES-201-2, Examination Outline Quality Checklist
- ES-201-3, Examination Security Agreement
- ES-301-1, Administrative Topics Outline
- ES-301-2, Control Room/In-Plant Systems Outline
- ES-301-3, Operating Test Quality Checklist
- ES-301-4, Simulator Scenario Quality Checklist
- ES-301-5, Transient and Event Checklist
- ES-301-6, Competencies Checklist
- ES-D-1, Scenario Outlines
- Operational Exam Hard Copy
- Operational Exam Electronic Files on DVD-ROM
- Supporting Reference Documentation Files on DVD-ROM

The enclosed examination materials have been independently reviewed by Mr. Danny Rhymer, Shift Manager. In accordance with NUREG-1021, this material must be withheld from public disclosure until the examinations are complete.

Should there be any questions, please contact Mr. Robert N. Johnston at (803) 931-5173.

Very truly yours,

George A. Lippard

TS/GAL/sr
Enclosures

c: (Without Enclosures unless noted)
G. J. McCoy
B. L. Caballero
R. N. Johnston

NRC Resident Inspector
RTS (CR-17-05844)
File (814.04, RR 1050)
DMS (RC-18-0030)

Rec'd
3/19/18



May 3, 2018
MC-18-0032

Ms. Catherine Haney
Regional Administrator, Region II
U.S. Nuclear Regulatory Commission
245 Peachtree Center Ave. N.E., Suite 1200
Atlanta, GA 30303-1257

Dear Ms. Haney:

Subject: VIRGIL C. SUMMER NUCLEAR STATION (VCSNS), UNIT 1
DOCKET NO. 50-395
OPERATING LICENSE NO. NPF-12
PRELIMINARY APPLICATIONS FOR REACTOR OPERATOR LICENSE AND
SENIOR REACTOR OPERATOR LICENSE CANDIDATES AND
CERTIFICATIONS OF MEDICAL EXAMINATIONS

The following personnel are scheduled to take operator license examinations starting Monday, June 4, 2018. Attached are the preliminary applications (NRC Form 398) and Certifications of Medical Examination (NRC Form 396) for the following individuals:

<u>Senior Reactor Operator</u>	<u>Docket Number</u>	<u>Current License Number</u>
Andrew Garrett Bemis	55-24064	OP-22010
Nathan Lee Newman	55-24072	OP-22012
Thomas Jamison Brannan	55-72850	
Keith John Dalick	55-72851	
Lauren Elizabeth Lorick	55-72849	

<u>Reactor Operator</u>	<u>Docket Number</u>
Jared Lewis O'Cain	55-72848
JohnPaul Laude Thomas	55-72853
Kyle Nicholas Wright	55-72852

Ms. Catherine Haney
USNRC, Region II
CR-17-05844
MC-18-0032
Page 2 of 2

If you require additional information, please contact Tracey Stewart (803) 931-5663.

Very truly yours,

A handwritten signature in dark ink, appearing to read "George A. Lippard", written in a cursive style.

George A. Lippard

TS/GAL/sr
Attachment I NRC Form 398
Attachment II NRC Form 396

c: (Without Attachments unless noted)
Eugene F. Guthrie (w/attachments)
Bruno Caballero (w/attachments)
R. N. Johnston
R. Shane
D. J. Edwards
NRC Resident Inspector
RTS (CR-17-05844)
File (814.04)
PRSF (MC-18-0032)



May 18, 2018
MC-18-0036

Ms. Catherine Haney
Regional Administrator, Region II
U.S. Nuclear Regulatory Commission
245 Peachtree Center Ave. N.E., Suite 1200
Atlanta, GA 30303-1257

Dear Ms. Haney:

Subject: VIRGIL C. SUMMER NUCLEAR STATION (VCSNS), UNIT 1
DOCKET NO. 50-395
OPERATING LICENSE NO. NPF-12
APPLICATIONS FOR REACTOR OPERATOR LICENSE AND
SENIOR REACTOR OPERATOR LICENSE CANDIDATES AND
CERTIFICATIONS OF MEDICAL EXAMINATIONS

Attached are the applications (NRC Form 398) and Certification of Medical Examination by Facility Licensee (NRC Form 396) to support the license examinations scheduled to be conducted beginning June 4, 2018, for the following individuals:

<u>Senior Reactor Operator</u>	<u>Docket Number</u>	<u>Current License Number</u>
Andrew Garrett Bemis	55-24064	OP-22010
Nathan Lee Newman	55-24072	OP-22012
Thomas Jamison Brannan	55-72850	
Keith John Dalick	55-72851	
Lauren Elizabeth Lorick	55-72849	

<u>Reactor Operator</u>	<u>Docket Number</u>
Jared Lewis O'Cain	55-72848
JohnPaul Laude Thomas	55-72853
Kyle Nicholas Wright	55-72852

MAY 21 2018

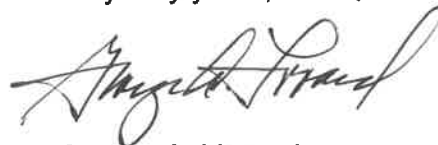
~~Attachments transmitted herewith contains Personally Identifiable Information. When separated from attachments, this transmittal document is decontrolled.~~

Ms. Catherine Haney
USNRC, Region II
CR-17-05844
MC-18-0036
Page 2 of 2

~~Personally Identifiable Information~~
~~When separated from~~

If you require additional information, please contact Tracey Stewart (803) 931-5663.

Very truly yours,



George A. Lippard

TS/GAL/hk
Attachment I NRC Form 398
Attachment II NRC Form 396

c: (Without Attachments unless noted)
Eugene F. Guthrie (w/attachments)
Bruno Caballero (w/attachments)
R. N. Johnston
R. Shane
D. J. Edwards
NRC Resident Inspector
RTS (CR-17-05844)
File (814.04)
PRSF (MC-18-0036)



June 25, 2018

Mr. Eugene F. Guthrie, Chief
Operations Branch 2
Division of Reactor Safety
U.S. Nuclear Regulatory Commission, Region II
245 Peachtree Center Ave. N.E., Suite 120
Atlanta, GA 30303-1257

Dear Sir / Madam:

Subject: VIRGIL C. SUMMER NUCLEAR STATION (VCSNS), UNIT 1
DOCKET NO. 50-395
OPERATING LICENSE NO. NPF-12
INITIAL OPERATOR LICENSE EXAMINATION
POST EXAMINATION SUBMITTAL

The VCSNS Initial Operator License Examination was administered during the weeks of June 4, 2018 and June 18, 2018. The VCSNS Initial License Written Examination was administered on June 19, 2018. VCSNS is enclosing the following as required by Revision 11 of NUREG 1021, "Operator Licensing Examination Standards for Power Reactors:"

1. Each applicant's original answer and examination cover sheets plus two clean copies of each applicant's answer sheet;
2. A copy of each applicant's answer sheet as unofficially graded by the facility;
3. The master examinations and answer keys;
4. A copy of questions asked by the applicants during the written exam;
5. Written examination seating chart; and
6. Written examination performance analysis.

There are no formal post-examination comments for any portion of the examination. VCSNS does not request a change to any examination item. As agreed, the examination security agreement will be sent via email at a later date.

If you require any additional information or have any questions, please contact Robert Johnston at (803) 931-5173.

Very truly yours,

A handwritten signature in dark ink that reads "William H. Moore". The signature is fluid and cursive, with the first and last names being more prominent.

William H. Moore

TS/WHM/sr
Enclosures

c: (Without Enclosure unless noted)
C. Haney
B. L. Caballero
NRC Resident Inspector

RTS (CR-17-05844)
File (814.04, RR 1050)
PRSF (RC-18-0078)

Page 1 of 2

Facility: <u>VC Summer Unit 1</u>		Date of Exam: <u>June 4, 2018</u>		Operating Test No.:														
A P P L I C A N T	E V E N T T Y P E	Scenarios												T O T A L	M I N I M U M (*)			
		1			2			3			4				R	I	U	
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION							
		S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P					
RO <input type="checkbox"/>	RX																	
SRO-I <input type="checkbox"/>	NOR			1	1											1	1	0
<input type="checkbox"/>	I/C			4,5	2,3,4											4	4	2
SRO-U1 <input checked="" type="checkbox"/>	MAJ			6,7	6,7											2	2	1
<input checked="" type="checkbox"/>	TS				4,5											0	2	2
RO <input type="checkbox"/>	RX				3			2								1	1	0
SRO-I <input type="checkbox"/>	NOR				1			1								1	1	1
<input type="checkbox"/>	I/C				2,3,4			3,4,5								4	4	2
SRO-U2 <input checked="" type="checkbox"/>	MAJ				6,7			8								2	2	1
<input checked="" type="checkbox"/>	TS				4,5			3,7								0	2	2
RO <input type="checkbox"/>	RX		1					2								1	1	0
SRO-I1 <input checked="" type="checkbox"/>	NOR							1								1	1	1
<input checked="" type="checkbox"/>	I/C			2,3				3,4,5								4	4	2
SRO-U <input type="checkbox"/>	MAJ			6,7				8								2	2	1
<input type="checkbox"/>	TS							3,7								0	2	2
RO <input type="checkbox"/>	RX	1				3										1	1	0
SRO-I2 <input checked="" type="checkbox"/>	NOR	1														1	1	1
<input checked="" type="checkbox"/>	I/C	2,3,4				4,5										4	4	2
SRO-U <input type="checkbox"/>	MAJ	6,7				6,7										2	2	1
<input type="checkbox"/>	TS	2,3,4														0	2	2

Instructions:

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- Reactivity manipulations may be conducted under normal or controlled abnormal conditions (refer to Section D.5.d) but must be significant per Section C.2.a of Appendix D. (*) Reactivity and normal evolutions may be replaced with additional I/C malfunctions on a one-for-one basis.
- Whenever practical, both instrument and component malfunctions should be included; only those that require verifiable actions that provide insight to the applicant's competence count toward the minimum requirements specified for the applicant's license level in the right-hand columns.
- For new reactor facility licensees that use the ATC operator primarily for monitoring plant parameters, the chief examiner may place SRO-I applicants in either the ATC or BOP position to best evaluate the SRO-I in manipulating plant controls.

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Facility: VC Summer Unit 1		Date of Exam: June 4, 2018		Operating Test No.:													
A P P L I C A N T	E V E N T T Y P E	Scenarios												T O T A L	M I N I M U M (*)		
		1			2			3			4						
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION						
		S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P				
RO <input type="checkbox"/>	RX	1			3										1	1	0
SRO-I-3 <input checked="" type="checkbox"/>	NOR	1							1						1	1	1
SRO-U <input type="checkbox"/>	I/C	2,3,4			4,5				3,5						4	4	2
	MAJ	6,7			6,7				8						2	2	1
	TS	2,3,4													0	2	2
RO 1 <input checked="" type="checkbox"/>	RX							2							1	1	0
SRO-I <input type="checkbox"/>	NOR				1										1	1	1
SRO-U <input type="checkbox"/>	I/C				2,3			4,6							4	4	2
	MAJ				6,7			8							2	2	1
	TS														0	2	2
RO 2 <input checked="" type="checkbox"/>	RX							2							1	1	0
SRO-I <input type="checkbox"/>	NOR			1											1	1	1
SRO-U <input type="checkbox"/>	I/C			4,5				4,6							4	4	2
	MAJ			6,7				8							2	2	1
	TS														0	2	2
RO 3 <input checked="" type="checkbox"/>	RX		1												1	1	0
SRO-I <input type="checkbox"/>	NOR					1			1						1	1	1
SRO-U <input type="checkbox"/>	I/C		2,3			2,3			3,5						4	4	2
	MAJ		6,7			6,7			8						2	2	1
	TS														0	2	2

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