

**ADMINISTRATIVE SUBMITTAL  
FOR THE AUGUST 2008 LASALLE INITIAL EXAM**

Facility: LaSalleDate of Examination: 8/2008Developed by: Written - Facility ☒ NRC ☐ // Operating - Facility ☒ NRC ☐

Target Date*	Task Description (Reference)	Chief Examiner's Initials
-180	1. Examination administration date confirmed (C.1.a; C.2.a and b)	BP
-120	2. NRC examiners and facility contact assigned (C.1.d; C.2.e)	BP
-120	3. Facility contact briefed on security and other requirements (C.2.c)	BP
-120	4. Corporate notification letter sent (C.2.d)	BP
[-90]	[5. Reference material due (C.1.e; C.3.c; Attachment 3)]	NA
{-75}	6. Integrated examination outline(s) due, including Forms ES-201-2, ES-201-3, ES-301-1, ES-301-2, ES-301-5, ES-D-1's, ES-401-1/2, ES-401-3, and ES-401-4, as applicable (C.1.e and f; C.3.d)	BP
{-70}	{7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)}	BP
{-45}	8. Proposed examinations (including written, walk-through JPMs, and scenarios, as applicable), supporting documentation (including Forms ES-301-3, ES-301-4, ES-301-5, ES-301-6, and ES-401-6, and any Form ES-201-3 updates), and reference materials due (C.1.e, f, g and h; C.3.d)	BP
-30	9. Preliminary license applications (NRC Form 398's) due (C.1.i; C.2.g; ES-202)	BP
-14	10. Final license applications due and Form ES-201-4 prepared (C.1.i; C.2.i; ES-202)	BP
-14	11. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f)	BP
-14	12. Examinations reviewed with facility licensee (C.1.j; C.2.f and h; C.3.g)	BP
-7	13. Written examinations and operating tests approved by NRC supervisor (C.2.i; C.3.h)	BP
-7	14. Final applications reviewed; 1 or 2 (if >10) applications audited to confirm qualifications / eligibility; and examination approval and waiver letters sent (C.2.i; Attachment 5; ES-202, C.2.e; ES-204)	BP
-7	15. Proctoring/written exam administration guidelines reviewed with facility licensee (C.3.k)	BP
-7	16. Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i)	BP

\* Target dates are generally based on facility-prepared examinations and are keyed to the examination date identified in the corporate notification letter. They are for planning purposes and may be adjusted on a case-by-case basis in coordination with the facility licensee.

[Applies only] {Does not apply} to examinations prepared by the NRC.

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 8/18/08 <sup>8/25/08</sup> as of the date of my signature. I agree that I will not knowingly divulge any information about these examinations to any persons who have not been authorized by the NRC chief examiner. I understand that I am not to instruct, evaluate, or provide performance feedback to those applicants scheduled to be administered these licensing examinations from this date until completion of examination administration, except as specifically noted below and authorized by the NRC (e.g., acting as a simulator booth operator or communicator is acceptable if the individual does not select the training content or provide direct or indirect feedback). Furthermore, I am aware of the physical security measures and requirements (as documented in the facility licensee's procedures) and understand that violation of the conditions of this agreement may result in cancellation of the examinations and/or an enforcement action against me or the facility licensee. I will immediately report to facility management or the NRC chief examiner any indications or suggestions that examination security may have been compromised.

2. Post-Examination

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PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1. Mike Entwistle	Lead Exam Author	<i>Mike Entwistle</i>	2/21/08	<i>Mike Entwistle</i>	8/25/08	
2. Mike Buckner	Exelon OTPS (Corp)	<i>Michael Buck</i>	3/14/08	<i>Michael Buck</i>	8/26/08	
3. Gina Kise	Trng DBA	<i>Gina Kise</i>	3/21/08	<i>Gina Kise</i>	9/4/08	
4. Grant Hayden	Sim Coordinator / Assist w/ Exer	<i>Grant Hayden</i>	4-9-08	<i>Grant Hayden</i>	8/26/08	
5. Jeff Nugent	Instructor / Exam Development	<i>Jeff Nugent</i>	4-10-08	<i>Jeff Nugent</i>	8-26-08	
6. Michael Stricklin	Simulator Hardware	<i>Michael Stricklin</i>	4-10-08	<i>Michael Stricklin</i>	9/2/08	
7. Todd Granlund	Shift Manager	<i>Todd Granlund</i>	4/24/08	SEE ATTACHED		
8. Tony S. Adams	Reactor Operator	<i>Tony Adams</i>	6-5-8	SEE ATTACHED		
9. Richard Imake	Senior Reactor operator	<i>Richard Imake</i>	6-5-08	<i>Richard Imake</i>	9-13-08	
10. JEFF GALLICK	REACTOR OPERATOR	<i>Jeff Gallick</i>	6-5-08	SEE ATTACHED		
11. Steven Winter	Reactor Operator	<i>Steven Winter</i>	6-18-8	SEE ATTACHED		
12. John P. Keenan	Senior Reactor Operator	<i>John P. Keenan</i>	6-18-8	<i>John P. Keenan</i>	9/12/8	
13. JOHN GIBNEY	REACTOR OPERATOR	<i>John Gibney</i>	6-18-8	SEE ATTACHED		
14. MARK OKOMY	SRD	<i>Mark Okomy</i>	6/18/8	<i>Mark Okomy</i>	9/13/8	
15. Tom Badalamenti	Simulator SW	<i>Tom Badalamenti</i>	6/18/08	<i>Tom Badalamenti</i>	8/27/08	

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1. <u>ROBERT BLACK</u>	<u>NSO</u>	<u>[Signature]</u>	<u>6/26/08</u>	<u>SEE ATTACHED</u>		
2. <u>Daniel D. Conway</u>	<u>SRO</u>	<u>[Signature]</u>	<u>6-26-8</u>	<u>SEE ATTACHED</u>		
3. <u>Michael Stevens</u>	<u>NSO</u>	<u>[Signature]</u>	<u>6-26-8</u>	<u>SEE ATTACHED</u>		
4. <u>DANIEL R. SZUMSKI</u>	<u>SRO</u>	<u>[Signature]</u>	<u>6/26/08</u>	<u>SEE ATTACHED</u>		
5. <u>Joe Ruth</u>	<u>OTPS</u>	<u>[Signature]</u>	<u>6/26/08</u>	<u>Joe Ruth via telecom ME</u>	<u>8/26/08</u>	
6. <u>Patrick J. Leary</u>	<u>Inst / Validation</u>	<u>[Signature]</u>	<u>4/30/05</u>	<u>[Signature]</u>	<u>8/19/08</u>	
7. <u>JOHN J. KOWALSKI</u>	<u>SRO</u>	<u>[Signature]</u>	<u>7/1/08</u>	<u>SEE ATTACHED</u>		
8. <u>Kirk Vickers</u>	<u>NSO</u>	<u>[Signature]</u>	<u>7/1/08</u>	<u>[Signature]</u>	<u>7/8/08</u>	
9. <u>Stojniak</u>	<u>NSO</u>	<u>[Signature]</u>	<u>7-1-8</u>	<u>[Signature]</u>	<u>9-8-8</u>	
10. <u>Jeffrey F. Smith</u>	<u>SRO</u>	<u>[Signature]</u>	<u>7/1/08</u>	<u>[Signature]</u>	<u>7/8/08</u>	
11. <u>John R. ROIS JR</u>	<u>SRO</u>	<u>[Signature]</u>	<u>7/3/08</u>	<u>SEE ATTACHED</u>		
12. <u>Richard Calvin</u>	<u>SRO</u>	<u>[Signature]</u>	<u>7/5/08</u>	<u>[Signature]</u>	<u>9/8/08</u>	
13. <u>Steven Russell</u>	<u>OTPM / Oversight</u>	<u>[Signature]</u>	<u>7/6/08</u>	<u>[Signature]</u>	<u>9/11/08</u>	
14. <u>LYNN GASSMAN</u>	<u>OSS / Copying</u>	<u>[Signature]</u>	<u>7/7/08</u>	<u>[Signature]</u>	<u>8/24/08</u>	
15. <u>Larry F. NANCE</u>	<u>SRO</u>	<u>[Signature]</u>	<u>7/21/08</u>	<u>SEE ATTACHED</u>		

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	PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1.	GUY FORD JR.	Shift Manager OPS SSO	<i>Guy Ford</i>	8/3/08	<i>Guy Ford</i>	9/13/08	
2.	Deborah Skitch	Clerical	<i>Deborah Skitch</i>	8/14/08	<i>Deborah Skitch</i>	8/24/08	
3.	Jim Spier	Sequesterer	<i>Jim Spier</i>	8/16/08	<i>Jim Spier</i>	9/2/08	
4.	KENNETH D. NOWAK	Sequesterer	<i>Kenneth D. Nowak</i>	8/18/08	<i>Kenneth D. Nowak</i>	8/26/08	
5.	RS FREDERICKS	Sequesterer	<i>RS Fredericks</i>	8/18/08	<i>RS Fredericks</i>	8/24/08	
6.	John J. Conner	Sequesterer	<i>John J. Conner</i>	8/18/08	<i>John J. Conner</i>	8/25/08	
7.	Sean Clark	Sequesterer	<i>Sean Clark</i>	8/19/08	<i>Sean Clark</i>	8/24/08	
8.	HAROLD VINYARD	OPS SSO	<i>Harold Vinyard</i>	8/20/08	SEE ATTACHED		
9.	LARRY R BLUM	OTM / Surrogate	<i>Larry R Blum</i>	8/22/08	<i>Larry R Blum</i>	8/27/08	
10.							
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6. Patrick J. Schaefer	Inst / Validation	[Signature]	6/26/08	[Signature]	8/26/08	
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8. Rick Vickers	NSO	[Signature]	7/1/08	[Signature]	8/26/08	
9. SJOZWIAK	NSO	[Signature]	7-1-08	[Signature]	8/26/08	
10. Jeffrey F. Smith	SRO	[Signature]	7/1/08	[Signature]	8/26/08	
11. John R. Reis Jr	SRO	[Signature]	7/3/08	[Signature]	8/26/08	
12. Richard Calvin	SRO	[Signature]	7/3/08	[Signature]	8/26/08	
13. Steven Russell	OTPM / oversight	[Signature]	7/6/08	[Signature]	8/26/08	
14. LYNN GASSMAN	OSS / Copying	[Signature]	7/7/08	[Signature]	8/26/08	
15. Terry WANCE	SRO	[Signature]	7/22/08	[Signature]	8/26/08	

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6.	John J. Cannon	Sequester	<i>[Signature]</i>	8/18/08			
7.	Sean Clark	Sequester	<i>[Signature]</i>	8/18/08			
8.	HAROLD VINYARD	OPS SOS	<i>[Signature]</i>	8/19/08			
9.	LARRY R BLUMIL	OTM / Surrogate	<i>[Signature]</i>	8-20-08	<i>[Signature]</i>	8-26-08	
10.	JOHN GIBNEY #8268		<i>[Signature]</i>	8/22/08			
11.	DANIEL R. SZYMSKI						
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AME 9/15/08



Tier / Group	Randomly Selected K/As	Reason for Rejection
<p align="center"><b>NOTES</b></p> <p>1. Western Technical Services BWR Outline Generator software was used to randomly select K/As</p> <p>2. K/A Suppression was NOT utilized prior to the random generation of selected K/As</p>		
1/1 SRO	<p>295027 High Containment Temperature (Mark III Containment Only)</p> <p>EA2.04 - Ability to determine and/or interpret the following as they apply to HIGH CONTAINMENT TEMPERATURE (MARK III CONTAINMENT ONLY): Containment radiation levels: Mark-III</p>	<p>Question 77 K/A 295027 EA2.04 is applicable to a MARK III containment only, and LaSalle's containment is a MARK II design.</p> <p>Replacement K/A: 295028 High Drywell Temperature EA2.04 - Ability to determine and/or interpret the following as they apply to HIGH DRYWELL TEMPERATURE: Drywell Pressure</p> <p>Replacement K/A is similar in nature to randomly selected K/A with applicability to LaSalle.</p>
1/1 RO	<p>295027 High Containment Temperature (Mark III Containment Only)</p> <p>2.4.9 - Emergency Procedures / Plan: Knowledge of low power / shutdown implications in accident (e.g., loss of coolant accident or loss of residual heat removal) mitigation strategies.</p>	<p>Question 57 K/A 295027 EA2.04 is applicable to a MARK III containment only, and LaSalle's containment is a MARK II design.</p> <p>Replacement K/A: 295028 High Drywell Temperature 2.4.9 - Emergency Procedures / Plan: Knowledge of low power / shutdown implications in accident (e.g., loss of coolant accident or loss of residual heat removal) mitigation strategies.</p> <p>Replacement K/A is similar in nature to randomly selected K/A with applicability to LaSalle.</p>
1/2 SRO	<p>500000 High CTMT Hydrogen Conc.</p> <p>2.1.27 - Conduct of Operations: Knowledge of system purpose and / or function.</p>	<p>Question 85 K/A 2.1.27 designated as CFR 41.7 only.</p> <p>Replacement K/A: 500000 High CTMT Hydrogen Conc. 2.1.20 Ability to interpret and execute procedure steps (CFR: 41.10 / 43.5 / 45.12)</p> <p>Replacement K/A was randomly selected using ES-401 Attachment 1 Systematic Sampling Methodology.</p>
2/1 RO	<p>215003 IRM</p> <p>K1.03 – Knowledge of the physical connections and/or cause-effect relationship between INTERMEDIATE RANGE MONITOR (IRM) SYSTEM AND THE FOLLOWING: Rod Control and Information System: Plant Specific</p>	<p>Question 1 K/A 215003 K1.03 is applicable to the BWR-6 design and does not apply to LaSalle which is a BWR 5. LaSalle's design includes RMCS and not RCIS.</p> <p>Replacement K/A: 215003 IRM K1.02 Knowledge of the physical connections and/or cause-effect relationship between INTERMEDIATE RANGE MONITOR (IRM) SYSTEM AND THE FOLLOWING: Reactor Manual Control</p> <p>Replacement K/A is similar in nature to randomly selected K/A with applicability to LaSalle.</p>

Tier / Group	Randomly Selected K/As	Reason for Rejection
2/1 RO	206000 HPCI  K2.04 - Knowledge of electrical power supplies to the following: Turbine control circuits: BWR-2,3,4	Question 4 K/A 206000 K2.04 is applicable to BWR-2, 3, and 4 designs and does not apply to LaSalle which is a BWR 5. Also, LaSalle's design includes HPCS and not HPCI.  Replacement K/A: 209002 HPCS K2.03 Knowledge of electrical power supplies to the following: Initiation logic: BWR-5,6.  Replacement K/A is similar in nature to randomly selected K/A with applicability to LaSalle.
2/1 RO	207000 Isolation (Emergency) Condenser A1.02 - Ability to predict and/or monitor changes in parameters associated with operating the ISOLATION (EMERGENCY) CONDENSER controls including: Shell side water temperature: BWR-2,3	Question 13 K/A 207000 A1.02 is applicable to BWR-2,3 designs and does not apply to LaSalle which is a BWR 5. Also, LaSalle's design does not include an Isolation (Emergency) Condenser.  Replacement K/A: 217000 RCIC A1.02 Ability to predict and/or monitor changes in parameters associated with operating the REACTOR CORE ISOLATION COOLING SYSTEM (RCIC) controls including: RCIC pressure  Replacement K/A is similar in nature to randomly selected K/A with applicability to LaSalle.
2/2 RO	201004 RSCS A3.01 - Ability to monitor automatic operations of the ROD SEQUENCE CONTROL SYSTEM (PLANT SPECIFIC) including: Rod select switch light: BWR-4,5	Question 35 K/A 201004 A3.01 is applicable to plants utilizing RSCS. LaSalle has abandoned RSCS.  Replacement K/A: 201002 RMCS A3.01 - Ability to monitor automatic operations of the Reactor Manual Control System including: Control Rod Block Actuation  Replacement K/A is similar in nature to randomly selected K/A with applicability to LaSalle.
2/2 RO	202001 Recirculation K3.12 - Knowledge of the effect that a loss or malfunction of the RECIRCULATION SYSTEM will have on following: Isolation condenser: Plant-Specific	Question 38 K/A 202001 K3.12 is related to plant designs which utilize an Isolation Condenser, which LaSalle does not.  Replacement K/A: 202001 Recirculation K3.14 - Knowledge of the effect that a loss or malfunction of the RECIRCULATION SYSTEM will have on following: Primary Containment Integrity: Plant-Specific  Replacement K/A is similar in nature to randomly selected K/A with applicability to LaSalle.

Tier / Group	Randomly Selected K/As	Reason for Rejection
3 Generic	2. Equipment Control 2.2.25 Knowledge of bases in technical specifications for limiting conditions for operations and safety limits.	<p>Question 68 K/A 2.2.25 Knowledge of bases in technical specifications for limiting conditions for operations and safety limits is not a responsibility of Reactor Operators.</p> <p>Replacement K/A: 2. Equipment Control 2.2.17 Knowledge of the process for managing maintenance activities during power operations, such as risk assessments, work prioritization, and coordination with the transmission system operator.</p> <p>Replacement K./A was randomly selected using ES-401 Attachment 1 Systematic Sampling Methodology.</p>
3 Generic	2. Equipment Control 2.2.23 Ability to track Technical Specification limiting conditions for operations	<p>Question 69 K/A 2.2.23 Ability to track Technical Specification limiting conditions for operation is not a responsibility of Reactor Operators.</p> <p>Replacement K/A: 2. Equipment Control 2.2.43 Knowledge of the process used to track inoperable alarms</p> <p>The replacement K/A was taken from Question 98 which was randomly selected in the original outline and IS a reactor operator responsibility when the rejected K/A is NOT. The rejected K/A (2.2.23) for Question 69 was then substituted as the K/A for Question 98.</p>
3 Generic	2. Equipment Control 2.2.43 Knowledge of the process used to track inoperable alarms.	<p>Question 98 K/A 2.2.43 Knowledge of the process used to track inoperable alarms was used to replace the K/A randomly selected for Question 69, as explained above.</p> <p>Replacement K/A: 2. Equipment Control 2.2.23 Ability to track Technical Specification limiting conditions for operations</p> <p>The replacement K/A was taken from Question 69 which was randomly selected in the original outline and is NOT a reactor operator responsibility. The rejected K/A (2.2.43) for Question 98 was then substituted as the K/A for Question 69.</p>



Facility: <u>LaSalle</u>		Date of Exam: <u>08/25/08</u>		Exam Level: RO <input checked="" type="checkbox"/> SRO <input checked="" type="checkbox"/>	
Item Description		Initials			
		a	b	c	
1.	Clean answer sheets copied before grading	ME	KD	BP	
2.	Answer key changes and question deletions justified and documented <i>no post exam changes</i>	N/A	N/A	N/A	
3.	Applicants' scores checked for addition errors (reviewers spot check >25% of examinations)	ME	KD	BP	
4.	Grading for all borderline cases (80% $\pm$ 2% overall and 70 or 80, as applicable, $\pm$ 4% on the SRO-only) reviewed in detail	ME	KD	BP	
5.	All other failing examinations checked to ensure that grades are justified <i>no Failures</i>	N/A	N/A	N/A	
6.	Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	ME	KD	BP	
Printed Name / Signature		Date			
a. Author	Michael Entwistle <i>Michael Entwistle</i>	8/28/08			
b. Facility Reviewer(*)	Ken Nowak <i>Ken Nowak</i>	8/28/08			
c. NRC Chief Examiner(*)	Bruce Palagi <i>Bruce Palagi</i>	9/4/08			
d. NRC Supervisor(*)	Hiroshi Peterson <i>Hiroshi Peterson</i>	9/23/08			
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7.  Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only		
1N*	F	3			X							Y		E	Stem needs to be reworded so answers are not true/false. (See NUREG-1021) Appendix B. <b>RESOLUTION: DONE</b>
2N	H	3		X								Y		E	Change stem to have Train "A" of the Starting Air system failed. Remove the words "using Train "A" Starting Air pressure" from answers C and D. <b>RESOLUTION: DONE</b>
3M	H	3	X									Y		E	Change the words "is the cause" to "would cause" in the question statement. <b>RESOLUTION: DONE</b>
4B*	H	4										Y		S	
5M	H	2										Y		S	

## Instructions

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

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

\* DETAILED REVIEW QUESTIONS

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only		
6B*	F	3	X									Y		U	The stem is not for a "loss of RBCCW" Therefore LOA-WR-101 C.3 may not apply. For increasing temp LOA-WR-101 C.2.2.1 may be the contain the answer. <b>RESOLUTION: NEW QUESTION WRITTEN</b>
7N	H	3										Y		S	
8N	F	3										Y		S	
9N*	H	2										Y		S	Add KA statement to question sheet. <b>RESOLUTION: DONE</b>
10B	F	3										Y		S	
11N	H	3										Y		S	
12N	F	4										Y		S	
13N	H	1	X											U	Change the words "throttled CLOSED" to "throttled in the closed direction". Also per LOP-R1-09 CAUTION pressure spikes are a concern only with the governor at ~ 600gpm a condition not given in the stem. Possibly change "flow perturbation" to "large flow ocilations" because it could be argued pressure spikes can cause "flow perturbation". Also as written none of the info after the and in the answers is need, the only knowledge need is - test valve closes discharge pressure increases. <b>RESOLUTION: QUESTION REWRITTEN</b>
14N*	H	3										Y		S	
15N*	H	3										Y		S	
16N	H	4										Y		S	
17N	H	3										Y		E	Change stem to " At time=0 Unit 1 scrams .... and the following conditions exist:" <b>RESOLUTION: DONE</b>
18N	H	3										Y		S	
19N	H	3										Y		S	
20N*	H	3										Y		E	add "all others are NOT LIT" to the ( ) <b>RESOLUTION: DONE</b>



Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only		
21N	H	2				X						Y		U	With 2 DC power alarms given the choice of entering an AC or DC Power Abnormal everyone will pick the DC procedure. <b>RESOLUTION: QUESTION REVISED</b>
22N	F*	4										Y		S	
23N	H*	3										Y		S	
24N	H	2										Y		S	
25N	F	2										Y		S	
2626	H	2										Y		S	
27N	H*	3										Y		S	
28N	H	3										Y		S	
29N	H	3										Y		S	
30B	F	2										Y		S	
31N	F	3										Y		S	
32N	F*	3										Y		E	add title of LOP-TG-02 <b>RESOLUTION: DONE</b>
33B	F	3										Y		S	
34N	H*	3										Y		S	
35B	H*	3										Y		S	
36N	H	3										Y		S	
37N	F	2										Y		S	
38N	H*	2										Y		S	Fundamental question? Memory of the design basis LOCA is all that is needed to answer this question. <b>RESOLUTION: AGREED THAT THE BREAKER TRIP ADDS A NEED TO EVALUATE THE PLANT STATUS, THEREFORE "H"</b>
39N*	F*	3										Y		S	
40N*	H	3										Y		S	

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only		
41N	F	4										Y		E	add title of LGA-010 <b>RESOLUTION: DONE</b>
42N	F	4										Y		E	Change "or" to "or if RESPONSE NOT OBTAINED" <b>RESOLUTION: OR s REPLACED WITH A STATEMENT</b>
43B*	H	3										Y		S	
44N*	F	1										Y		U	The only knowledge needed is Power = Volts x Amps. All the words after the "and" are not needed to answer the question. Higher order question? <b>RESOLUTION: NEW QUESTION WRITTEN</b>
45B	F	3										Y		S	
46N	F	3										Y		S	
47B	H	3										Y		S	Note: change lesson plan to reflect that Hot Shutdown Boron Weight assumes Xenon is present.
48N	H	3										Y		S	
49N	F	2										Y		S	
50N	H	3										Y		S	
51N	H	5							X			Y		U	Can't expect operators to remember without reference to procedures that RHR flow of 5600 gpm is to low for these conditions. (Without a direct learning objective) <b>RESOLUTION: QUESTION REVISED</b>
52N	F	3										Y		S	
53B*	F	3										Y		S	
54N	F	3										Y		S	
55N	F	3										Y		S	
56N	H	3										Y		S	
57N	F	3										Y		S	
58N*	H	3										Y		S	

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7.  Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only		
59N	F	3										N		U	The question does not deal with Jet Pump net positive suction head. Also this question test same concept as question 41. <b>RESOLUTION: NEW QUESTION WRITTEN</b>
60N*	H	3	X									Y		E	As written it could be argued that there are 2 correct answers C and D. <b>RESOLUTION: STEM CLARIFIED</b>
61B	F	3										Y		S	
62N	H	3										Y		S	
63N	H	3										Y		S	
64M*	H	3										Y		S	
65B	H	3										Y		S	
66B	F	3										Y		S	
67N	F	3					X					Y		E	Potentially 2 correct answers PLATFORM PERSONNEL are REFUEL FLOOR PERSONNEL <b>RESOLUTION: QUESTION REVISED</b>
68N	F	3										Y		S	
69N*	F	3										Y		S	
70N	H	3										Y		E	It could be argued there is no correct answer if a 20 minute task can't be completed, why start and receive the dose? <b>RESOLUTION: DISTRACTORS REVISED</b>
71N	F	3										Y		S	
72N	H	4										Y		S	
73B	F	3										Y		S	This question was appealed at another site management felt RO's should go to OSC. <b>RESOLUTION: QUESTION RE-VALIDATED</b>
74N*	F	3										Y		S	
75N	F	3										Y		E	provide a specific fuel handling issue rather than a "unexpected fuel handling issue ". <b>RESOLUTION: DONE</b>
76N	H	3										Y	Y	S	



Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7.  Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only		
77N*	H	3	X									Y	Y	E	"C" IS ALSO CORRECT because 5psig IS BEFORE 0 psig <b>RESOLUTION: DISTRACTOR "C" CHANGED</b>
78N	H	3										Y	N	S	
79N	H	4										Y	Y	S	
80N	H	2										Y	Y	S	
81N	H	3										Y	Y	S	
82N*	H	3										Y	Y	S	
83N	H	3										Y	Y	S	
84N	H	3	X									Y	Y	E	Tighten stem to make it specific to out of control room actions <b>RESOLUTION: DONE</b>
85N*	H	4										Y	Y	S	
86N	H	3		X								Y	Y	S	
87M*	H	3										Y	Y	S	
88N	H	3										Y	Y	S	
89N	H	1				X						Y	Y	E	The stem is an AWTS why are non ATWS procedures credible? <b>RESOLUTION: STEM CHANGE TO MAKE LGA-005 THE CORRECT ANSWER</b>
90N	H	3	X									Y	Y	U	Because Rx is on a positive period "stop all control rod motion and power changes" can not be done. <b>RESOLUTION: STEM CHANGED TO SHUTDOWN RATHER THAN STARTUP</b>
91N	H	5							X			Y	Y	E	Can we expect know this without referring to a procedure? Move the phrase "THEN CONTINUE with control rod withdrawals." to the stem after the ____ (2) ____ . <b>RESOLUTION: QUESTION RE-VALIDATED AS OK, AND STEM EDITED</b>
92N*	H	3										Y	Y	E	Why does TS Action B.2.2 not apply? If it does no correct answer. <b>RESOLUTION: STEM CHANGE TO CLARIFY CONDITION OF ROD 10-19.</b>

[illegible]

[illegible]