Niagara Mohawk

NMP-95742

February 23, 2000

Mr. Herbert Williams
Lead Examiner
Region I
United States Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA. 19406

Subject: Nine Mile Point Unit 2 Post Written Examination Activities

Dear Mr. Williams:

The facility staff administered initial licensed operator written examinations to nine applicants, as authorized in a letter from the NRC dated February 9, 2000. The initial written examination was administered on February 11, 2000, in accordance with NUREG 1021, Revision 8.

Niagara Mohawk has conducted the post written examination activities as required by NUREG 1021, Revision 8. The following documentation is being submitted to the NRC Lead Examiner:

- Original graded Scantron and attached coversheet.
- Clean copy of Scantron answer sheet.
- Master RO and SRO exams and answer keys with annotated changes during administration and grading.
- Checklists for applicant questions and responses during administration of written exam.
- Accepted and rejected comments and challenges.
- Written exam seating chart.
- Signed and completed Written Exam Grading Quality Checklist Form ES-403-1.
- Results of Written Exam performance and Analysis spreadsheet.

The post exam security agreement will be submitted at a later date, to allow completion of Post Examination Signatures. Please contact me at (315) 349-2073, if you have any questions.

Sincerely,

Louis E. Pisano
Manager Training – Nuclear

LEP/SWR/crr

Attachments

ATTACHMENT 9: TEST ITEM APPROVAL/MODIFICATION FOR EXAM BANK

1. Submitted by: P. BALLARD 2. Department: OPS TRAINING

3. Date: 2/17/00 Exam Bank Question Number NRC QUESTION (NOT IN BANK YET) [R078 SR076]

4. ■ New Question ■ Impacts Question Grading ☐ Question Enhancement

5. Problem Statement (if impacts question grading):

The question has the wrong answer. The correct answer is "c".

6. Disposition Assigned To: P. BALLARD / E. BOWLES

7. Question: SEE ATTACHED

8. Answer: SEE ATTACHED

9. References: Lesson Plan #:
Objective #:
Reference(s): N2-ARP-01, 851326

10. Disposition: Change answer to "c". SEE ATTACHED

11. Approvals:

Technical Consistency with Learning Objectives, Clarity, and Format:

Technical Verifier, 2/17/00 Date

General Supervisor Training, 2/18/00 Date

Unit 2 Radiation Protection Manager Date
(GET Rad. Worker and Respiratory Items only)

LC2 99-01 NRC Initial Written Examination
Post-Examination Comments

Applicant Level: ☑ RO ☑ SRO

Applicant Name: N/A
☐ Chwalek ☐ Downs ☐ Fregeau
☐ Jones ☐ Orzell ☐ Restuccio
☐ Richardson ☐ Russell ☐ Strahley

Question Type: ☑ Common ☐ RO only ☐ SRO only

Question #: RO 78 (enter number, if SRO only enter N/A)
SRO 76 (enter number, if RO only enter N/A)

Answer: (circle the answer key response) A B C (D)

Reference: (enter the answer key reference below)
N2-ARP-01, 2CEC*PNL851 #326

Comment: (enter the comment below)
The question has the wrong answer. the correct answer is "c."

Recommendation: (The grader is encouraged to discuss the matter with the NRC Chief Examiner before proceeding with the grading)
☑ Change the correct answer. ☐ Do NOT change the correct answer.
☐ Accept two correct answers. ☐ Delete the question
☐ Make clarifications to the question.

Changes / clarifications made to examination: (provide a description)
Changed the correct answer from "d" to "c".

Reference(s) to support change / clarification made to examination:
N2-ARP-01, 2CEC*PNL851 #326

Justification for rejection of an applicant's comment:
N/A

Proctor: ☑ Change made in INK on the master examination copy
Edwin W. Bowles
Print Name
Edwin W. Bowles 2/17/00
Signature Date

RO 78	SRO 76	*Tier 2 Group 2* *K/A 271000, A3.02 - Ability to monitor automatic operations of the Offgas system including: system flows.* 9 of 9 applicants missed the question. 2 RO and 7 SRO applicants selected "c". Plant references were reviewed and BOTH monitors are required to cause the system isolation. The plant procedure referenced for this question was changed in October 1999 to reflect the correct logic configuration. The correct answer is answer "c". The question will be improved by changing the correct answer from "d" to "c".

Question # RO 78 SRO 76

Examination Outline Cross-Reference	Level	RO	SRO
	Tier #	2	2
	Group #	2	2
	K/A #	271000 A3.02	271000 A3.02
	Importance Rating	2.9	2.8

Ability to monitor automatic operations of the Offgas system including: System flows.

Proposed Question:

During power operation, fuel failures have caused the following conditions:

- Process Radiation Monitor **2OFG-RU13A** has exceeded its **High** Setpoint
- Process Radiation Monitor **2OFG-RU13B** has exceeded its **Alert** Setpoint

Which one of the following describes the expected Offgas System flow indications on 2CEC*PNL851?

	Train "A" Flow (SCFM)	Train "B" Flow (SCFM)
a.	0	36
b.	36	0
c.	18	18
d.	0	0

Proposed Answer: d.

Explanation (Justification of Distractors):

a. b. c. There should NOT be any flow through either Offgas Trains because RU13A **or** B monitor reaching a High setpoint should Close the Offgas Outlet Valve, AOV-103, and Trip the Offgas Pumps.

Technical Reference(s): N2-ARP-01, Rev 00, Ann 851253
02-OPS-001-271-2-01, OFFGAS SYSTEM, Fig 4

Proposed references to be provided to applicants during the examination:

None.

Learning Objective: O2-OPS-001-271-2-01, EO-8

Question Source:
Bank #
Modified Bank #
New NEW

Question History:
Previous NRC Exam NEW
Previous Test / Quiz NEW

Question Cognitive Level:
Memory of Fundamental Knowledge 1
Comprehension or Analysis

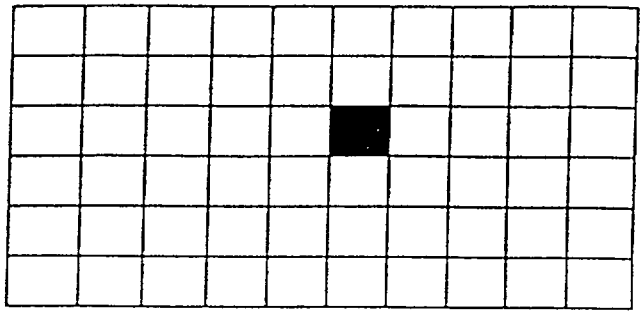
10CFR Part 55 Content:
55.41.7
55.45.7

Comments:

Reflash: NO 2CEC*PNL851 851326

OFF GAS
RADIATION
HIGH

326



Computer Point	Printout	Source	Setpoint
OFGRC05	OFFGAS RADIATION	20FG-RU13A OR 20FG-RU13B	~~≥ 2.0 µCi/cc*~~ ≥ 1.86E+1 µci/cc* ≥ 1.97E+1 µci/cc

* Alarm point subject to change in accordance with Offsite Dose Calculation Manual.

Automatic Response (HIGH RADIATION SENSED BY 20FG-RU13A AND 20FG-RU13B)

- Closes 20FG-AOV103, OFFGAS EXHAUST TO MAIN STACK.
- Trips 20FG-P1A AND 20FG-P1B, VACUUM PUMP VP-1A AND VP-1B.

Operator Actions

1. Verify the automatic response.
2. Enter N2-SOP-17, FUEL FAILURE OR HIGH ACTIVITY IN RX COOLANT OR OFFGAS.

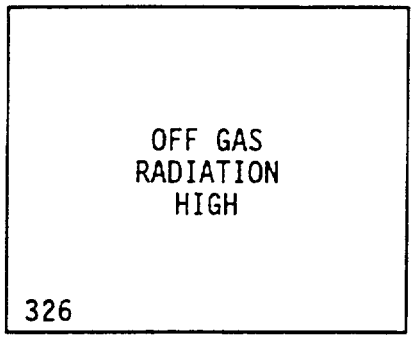
Possible Causes

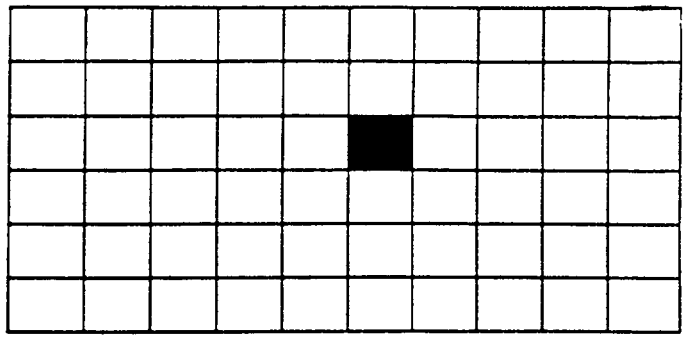
- Fuel damage
- Resin intrusion into the Reactor Vessel
- Intrusion of organic compounds into the Reactor Vessel
- Improper valve lineup OR bad radiation monitor

References

- N2-OP-42
- N2-SOP-17

Reflash: NO 2CEC*PNL851 851326





Computer Point	Printout	Source	Setpoint
OFGRC05	OFFGAS RADIATION	2OFG-RU13A OR 2OFG-RU13B	≥ 2.0 μCi/cc*

* Alarm point subject to change in accordance with Offsite Dose Calculation Manual.

Automatic Response

- Closes 2OFG-AOV103, OFFGAS EXHAUST TO MAIN STACK.
- Trips 2OFG-P1A AND 2OFG-P1B, VACUUM PUMP VP-1A AND VP-1B.

Operator Actions

1. Verify the automatic response.
2. Enter N2-SOP-17, FUEL FAILURE OR HIGH ACTIVITY IN RX COOLANT OR OFFGAS.

Possible Causes

- Fuel damage
- Resin intrusion into the Reactor Vessel
- Intrusion of organic compounds into the Reactor Vessel
- Improper valve lineup OR bad radiation monitor

References

- N2-OP-42
- N2-SOP-17

CLASS RO-NRC

TEST

DATE 2/11/00

ITEM ANALYSIS- QUESTIONS 51-75

Number of wrong responses

FORMS SCORED	CLASS AVERAGE	ITEM 51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74
2	96	0	0	0	0	0	0	0	50	0	0	100	100	0	0	0	100	0	0	50	0	0	0	50	0

PASS 1

ITEM ANALYSIS- QUESTIONS 76-100

Number of wrong responses

ITEM	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
	0	0	100	100	0	100	0	50	0	0	50	0	0	100	100	0	0	0	0	0	0	0	0	0	50

PASS 4

FEED THIS DIRECTION

SCANTRON FORM NO. 9700

FEED THIS DIRECTION

FORMS SCORED	CLASS AVERAGE	ITEM 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2	~~85~~ 86	0	0	0	0	0	0	0	0	100	0	0	50	0	0	0	0	0	50	0	0	0	50	0	0

CLASS Eng D

TEST 2/18/00

DATE

ITEM ANALYSIS- QUESTIONS 1-25

Number of wrong responses

ITEM ANALYSIS- QUESTIONS 26-50

Number of wrong responses

ITEM	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	50	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	0

PASS 2

FEED THIS DIRECTION

ITEM ANALYSIS- QUESTIONS 1-25

Number of wrong responses

CLASS SRO - NRC

TEST

DATE 2/11/00

FORMS SCORED	CLASS AVERAGE	ITEM 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
7	89	0	0	0	71	0	0	0	0	0	0	0	0	0	0	0	43	0	0	0	14	0	0	0	0

ITEM ANALYSIS- QUESTIONS 26-50

Number of wrong responses

ITEM	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	29	0	0	0	0	57	0	0	0	0	14	0	0	14	0	0	0	14	0	0	0	0	0	14	0

SCANTRON FORM NO. 9700

FEED THIS DIRECTION

5 6-0999-12 11 10 9 8 7

ITEM ANALYSIS- QUESTIONS 51-75

Number of wrong responses

FORMS SCORED	CLASS AVERAGE	ITEM																							
7	~~88~~ 89	0	0	57	0	0	0	14	0	29	14	0	43	0	29	14	14	29	0	14	14	0	14	0	0
		51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74

PASS 4

CLASS 02/18/00

TEST

DATE

ITEM ANALYSIS- QUESTIONS 76-100

Number of wrong responses

ITEM																									
100	0	0	71	14	0	0	0	29	0	100	86	43	43	43	43	0	0	0	0	0	29	0	14	71	
76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	

0 2/18/00

FEED THIS DIRECTION

SUBJECTIVE SCORE INSTRUCTOR USE ONLY

100	90	80	70	60
50	40	30	20	10
9	8	7	6	5
4	3	2	1	0

IMPORTANT

- MAKE DARK MARKS
- ERASE COMPLETELY TO CHANGE
- EXAMPLE:

TO USE SUBJECTIVE SCORE FEATURE:

- Mark total possible subjective points
- Only one mark per line on key
- 150 points maximum

EXAMPLE OF STUDENT SCORE:

PART 2

NAME	Ro Key
SUBJECT	RO
TEST NO.	
DATE	2/11/00
HOUR	

TEST RECORD	
PART 1	
PART 2	
TOTAL	

FEED THIS DIRECTION

	(T)	(F)			KEY
			3		
51	A		C	D	E
52	A	B	C		E
53		B	C	D	E
54	A	B		D	E
55		B	C	D	E
56	A	B		D	E
57	A	B	C		E
58		B	C	D	E
59	A	B	C		E
60	A		C	D	E
61	A	B	C		E
62		B	C	D	E
63	A	B	C		E
64	A	B	C		E
65	A		C	D	E
66	A		C	D	E
67	A		C	D	E
68	A		C	D	E
69		B	C	D	E
70	A	B	C		E
71	A	B	C		E
72	A	B		D	E
73		B	C	D	E
74		B	C	D	E
75	A		C	D	E
76		B	C	D	E
77	A		C	D	E
78	A	B			E
79	A	B		D	E
80	A	B		D	E
81	A		C	D	E
82	A		C	D	E
83	A		C	D	E
84		B	C	D	E
85	A	B		D	E
86	A		C	D	E
87	A	B		D	E
88	A		C	D	E
89	A	B		D	E
90	A		C	D	E
91	A	B	C		E
92	A		C	D	E
93		B	C	D	E
94	A	B	C		E
95	A	B	C		E
96	A	B		D	E
97		B	C	D	E
98	A	B		D	E
99	A		C	D	E
100	A	B	C		E

Correct answer is C EWB 2/18/00

50/100%

SUBJECTIVE SCORE
INSTRUCTOR USE ONLY

100	90	80	70	60
50	40	30	20	10
9	8	7	6	5
4	3	2	1	0

IMPORTANT

- MAKE DARK MARKS
- ERASE COMPLETELY TO CHANGE
- EXAMPLE: A B D E

TO USE SUBJECTIVE SCORE FEATURE:

- Mark total possible subjective points
- Only one mark per line on key
- 150 points maximum

EXAMPLE OF STUDENT SCORE:

SCANTRON® FORM NO. 888-E

TO REORDER CALL 1-800-826-7196

NAME	RO Key		
SUBJECT		TEST NO.	
DATE	2/11/00	HOUR	

TEST RECORD	
PART 1	
PART 2	
TOTAL	

PART 1

	(T)	(F)			KEY
			3		
1	A		C	D	E
2	A	B	C		E
3	A	B		D	E
4	A	B		D	E
5	A	B		D	E
6	A		C	D	E
7	A	B	C		E
8	A	B		D	E
9	A		C	D	E
10	A		C	D	E
11	A	B	C		E
12		B	C	D	E
13	A	B		D	E
14	A		C	D	E
15		B	C	D	E
16		B	C	D	E
17		B	C	D	E
18	A	B	C		E
19	A		C	D	E
20		B	C	D	E
21		B	C	D	E
22	A	B	C		E
23		B	C	D	E
24	A	B	C		E
25	A		C	D	E
26	A	B		D	E
27	A		C	D	E
28		B	C	D	E
29	A	B	C		E
30	A		C	D	E
31	A	B		D	E
32	A	B		D	E
33	A	B	C		E
34	A	B		D	E
35		B	C	D	E
36	A	B		D	E
37		B	C	D	E
38	A	B		D	E
39	A		C	D	E
40	A	B	C		E
41	A	B		D	E
42		B	C	D	E
43	A	B	C		E
44		B	C	D	E
45		B	C	D	E
46		B	C	D	E
47	A	B	C		E
48	A	B		D	E
49	A		C	D	E
50		B	C	D	E

50/100%

SUBJECTIVE SCORE INSTRUCTOR USE ONLY				
100	90	80	70	60
50	40	30	20	10
9	8	7	6	5
4	3	2	1	0

IMPORTANT

USE NO. 2 PENCIL ONLY

- MAKE DARK MARKS
- ERASE COMPLETELY TO CHANGE
- EXAMPLE: A B C D E

TO USE SUBJECTIVE SCORE FEATURE:

- Mark total possible subjective points
- Only one mark per line on key
- 150 points maximum

EXAMPLE OF STUDENT SCORE:

NAME			
SUBJECT		TEST NO.	
DATE		HOUR	

TEST RECORD	
PART 1	
PART 2	
TOTAL	

PART 2

	(T)	(F)			KEY
	[illegible]	[illegible]	3	[illegible]	[illegible]
51	A	[illegible]	C	D	E
52	[illegible]	B	C	D	E
53	A	B	C	[illegible]	E
54	[illegible]	B	C	D	E
55	[illegible]	B	C	D	E
56	A	B	C	[illegible]	E
57	[illegible]	B	C	D	E
58	A	B	[illegible]	D	E
59	A	[illegible]	C	D	E
60	A	B	C	[illegible]	E
61	[illegible]	B	C	D	E
62	[illegible]	B	C	D	E
63	A	[illegible]	C	D	E
64	A	B	C	[illegible]	E
65	A	B	C	[illegible]	E
66	A	B	[illegible]	D	E
67	[illegible]	B	C	D	E
68	A	[illegible]	C	D	E
69	A	[illegible]	C	D	E
70	A	B	[illegible]	D	E
71	A	[illegible]	C	D	E
72	[illegible]	B	C	D	E
73	A	[illegible]	C	D	E
74	[illegible]	B	C	D	E
75	A	[illegible]	C	D	E
76	A	B	[illegible]	[illegible]	E
77	A	B	[illegible]	D	E
78	A	B	C	[illegible]	E
79	A	[illegible]	C	D	E
80	A	[illegible]	C	D	E
81	[illegible]	B	C	D	E
82	A	B	C	[illegible]	E
83	A	B	[illegible]	D	E
84	A	B	[illegible]	D	E
85	A	[illegible]	C	D	E
86	A	B	[illegible]	D	E
87	A	[illegible]	C	D	E
88	[illegible]	B	C	D	E
89	[illegible]	B	C	D	E
90	A	B	[illegible]	D	E
91	A	B	C	[illegible]	E
92	A	B	[illegible]	D	E
93	[illegible]	B	C	D	E
94	A	B	C	[illegible]	E
95	A	B	C	[illegible]	E
96	A	B	[illegible]	D	E
97	A	B	C	[illegible]	E
98	A	B	[illegible]	D	E
99	A	B	[illegible]	D	E
100	A	B	C	[illegible]	E

FEED THIS DIRECTION

correct answer is C [illegible] 2/18/00

50/100%

SUBJECTIVE SCORE INSTRUCTOR USE ONLY

100	90	80	70	60
50	40	30	20	10
9	8	7	6	5
4	3	2	1	0

IMPORTANT

- USE NO. 2 PENCIL ONLY
- MAKE DARK MARKS
- ERASE COMPLETELY TO CHANGE
- EXAMPLE

TO USE SUBJECTIVE SCORE FEATURE:
- Mark total possible subjective points
- Only one mark per line on key
- 150 points maximum

EXAMPLE OF STUDENT SCORE

SCANTRON® FORM NO. 888-E

TO REORDER CALL 1-800-722-6876.
CANADA 1-800-263-3338

NAME	SRO Key		
SUBJECT	SRO	TEST NO.	
DATE	2/11/00	HOUR	

TEST RECORD	
PART 1	
PART 2	
TOTAL	

PART 1

	(T)	(F)			KEY
	~~%~~	~~1~~	3		~~5~~
1		B	C	D	E
2	A	B		D	E
3	A	B	C		E
4	A	B	C		E
5	A	B		D	E
6	A	B		D	E
7	A	B		D	E
8	A	B		D	E
9		B	C	D	E
10	A		C	D	E
11	A	B	C		E
12	A	B		D	E
13	A	B		D	E
14	A		C	D	E
15	A	B		D	E
16	A		C	D	E
17	A		C	D	E
18		B	C	D	E
19	A	B		D	E
20	A		C	D	E
21		B	C	D	E
22	A	B	C		E
23	A	B		D	E
24		B	C	D	E
25	A		C	D	E
26	A	B		D	E
27	A		C	D	E
28		B	C	D	E
29		B	C	D	E
30	A		C	D	E
31	A	B	C		E
32	A		C	D	E
33		B	C	D	E
34	A	B	C		E
35	A	B		D	E
36	A	B	C		E
37	A		C	D	E
38	A	B		D	E
39		B	C	D	E
40	A		C	D	E
41		B	C	D	E
42	A	B		D	E
43		B	C	D	E
44	A	B	C		E
45	A	B		D	E
46		B	C	D	E
47	A	B	C		E
48		B	C	D	E
49		B	C	D	E
50		B	C	D	E

50/100%

The following is a description of questions that had a high miss rate (>50% of applicants answering the question missed the question).

RO	SRO	Description
	4	*Tier 1 Group 1* *K/A 295006 AK2.07: Knowledge of the interrelations between SCRAM and the following: reactor pressure control.* 5 of 7 SRO applicants missed the question. All 5 selected "a". The applicants selected a response indicating that a TCV fast closure from 100% power will NOT cause the SRVs to lift.
9	16	*Tier 1 Group 1* *K/A 295024, EK3.04: Knowledge of the reasons for the following responses as they apply to high drywell pressure: emergency depressurization.* 5 of 9 applicants missed the question. Both RO applicants selected "a". 3 SRO applicants selected "c". EOP question on determining Pressure Suppression Pressure (PSP) is being challenged and the bases for the limit. Meant to say question was challenging (per Ed Bowles 3/1)
18	31	*Tier 1 Group 2* *K/A 295008, AK1.03 - Knowledge of the operational implications of the following concepts as they apply to high reactor water level: feed flow / steam flow mismatch.* 5 of 9 applicants missed the question. 1 RO and 4 SRO applicants selected "a". Training material only discusses this failure at full power, the question asked for effects at 50% power which does NOT cause a plant trip. (Effects of failures at lower power levels was covered in class.)
61		*Tier 2 Group 1* *K/A 295002, AK3.05 - Knowledge of the effect that a loss or malfunction of the Reactor Water Level Control System will have on the following: recirculation flow control system.* 2 of 2 applicants missed the question. Both RO applicants selected "a". The phrase "when plant conditions are stable" is somewhat ambiguous with regards to time after the event. The question answer is based on a reactor high water level causing a turbine and feedwater pump trip and reactor scram which runs the recirc pumps to slow speed and the FCV to minimum position. The applicants answered the question assuming that after the RFP and Main Turbine trip, reactor water level will lower to L2 and trip the RCS pumps. This is a valid assumption given the ambiguous stem. This transient was performed on the simulator and reactor water level lowered to Level 2 in 90 seconds, causing the recirc pumps to trip.

		The question will be improved by providing a time in the question stem. Example: Which one of the following describes the status of the RCS pumps and flow control valves two (2) minutes after level rises to Level 8? The correct answer will be "a".
62	62	*Tier 2 Group 1* *K/A 261000, A4.07 - Ability to manually operate and/or monitor in the Control Room: system flow (GTS).* 5 of 9 applicants missed the question. 2 RO and 2 SRO applicants selected "d". 1 SRO applicant selected "b". This question is based on a procedure precaution. If one train of GTS is shutdown, with the given lineup, a short cycle flowpath through the idle GTS unit is created. This would cause a loss of reactor building negative pressure and an automatic restart of the idle GTS unit which would eliminate the short cycle flowpath and restore the negative pressure in the reactor building.
66		*Tier 2 Group 2* *K/A 202001, A4.11 - Ability to manually operate and/or monitor in the Control Room: seal pressures (RCS).* 2 of 2 applicants missed the question. Both RO applicants selected "c. both upper and lower seal failed" for conditions for a failure of the upper seal only.
78	76	*Tier 2 Group 2* *K/A 271000, A3.02 - Ability to monitor automatic operations of the Offgas system including: system flows.* 9 of 9 applicants missed the question. 2 RO and 7 SRO applicants selected "c". Plant references were reviewed and BOTH monitors are required to cause the system isolation. The plant procedure referenced for this question was changed in October 1999 to reflect the correct logic configuration. The correct answer is answer "c". The question will be improved by changing the correct answer from "d" to "c".
79		*Tier 2 Group 2* *K/A 272000, Generic 2.4.46 - Ability to verify that alarms are consistent with plant conditions.* 2 of 2 applicants missed the question. Both RO applicants selected "a". The applicants selected a response indicating that there is a DRMS indication for the Stack Effluent Radiation Monitors. There is no DRMS indication for these radiation monitors.

81		*Tier 2 Group 2* *K/A 290001, K1.02 – Knowledge of the physical connections and/or cause-effect relationships between Secondary Containment and the following: primary containment.* 2 of 2 applicants missed the question. 1 RO applicant selected "a". 1 RO applicant selected "c". RO applicants did not understand the phrase "when subjected to a single failure".
83	79	*Tier 2 Group 2* *K/A 300000, K5.13 - Knowledge of the operational implications of the following concepts as they apply to the instrument air system: filters.* 6 of 9 applicants missed the question. 1 RO applicant selected "a". 3 SRO applicants selected "a". 2 SRO applicants selected "d". Applicants appear to have forgotten the accumulators on the MSIVs and that a loss of air to the feedwater pumps minimum flow valves causes a loss of feedwater.
89	86	*Plant Wide Generic* *PWG 2.1.16 - Ability to operate plant phone, paging system, and two-way radio.* 9 of 9 applicants missed the question. 1 RO applicant selected "a" and 1 RO applicant selected "b". 7 SRO applicants selected "a". Based on post exam discussion the candidates did not know the effects of Main Page Party / Public Address System Control Console switch alignments.
90	87	*Plant Wide Generic* *PWG 2.1.4 - Ability to execute procedural steps.* 8 of 9 applicants missed the question. Both RO applicants selected "a". 5 SRO applicants selected "a". 1 SRO applicant selected "d". System must be returned to a safe (standby) condition and the procedure changed. Applicants thought the procedure could be completed before the procedure change completed.
100	100	*Plant Wide Generic* *PWG 2.4.21 - Knowledge of the parameters and logic used to assess the status of safety functions including: (1) reactivity control, (2) core cooling and heat removal, (3) reactor coolant system integrity, (4) containment conditions, and (5) reactivity release control.* 6 of 9 applicants missed the question. 1 RO applicant selected "a". 5 SRO applicants selected "c". Applicants mistake RED for EOP entry conditions, instead of the correct YELLOW.