

**COMMENTS ON QUESTIONS,
MADE DURING EXAM ADMINISTRATION**

Question 11

Which of the following groups of initial conditions, assumptions, and failures were used in the Seabrook Steam Generator Tube Rupture Chapter 15 UFSAR Accident Analysis, resulting in the **MOST SEVERE** magnitude of radiological release?

RCS= Reactor Coolant System

S/G= Steam Generator

EFW= Emergency Feedwater Flow

ASDV= Atmospheric Steam Dump Relief Valve

RCS PRESSURE **S/G LEVEL** **EFW FLOW** **ASDV FAILS**

- | | | | | |
|----|------|------|---------|------|
| A. | HIGH | HIGH | MAXIMUM | OPEN |
| B. | HIGH | LOW | MINIMUM | OPEN |
| C. | LOW | HIGH | MAXIMUM | OPEN |
| D. | HIGH | LOW | MINIMUM | SHUT |

Clarified ASDV associated with affected S/G.

1/28/05 0800 JA

Question 14

The following plant conditions exist:

- The plant is operating at 100% power.
- Following a crew brief, Technical Specification action statements have been entered to transfer 125 VDC Bus 11A to its normal battery supply in accordance with OS1048.13, "Vital Bus 11A Operation".
- Due to a human performance error, the Nuclear Systems Operator missed several procedure steps and failed to note that battery charger (1-EDE-BC-1A) was NOT connected to DC Bus 11A.
- The alternate battery supply breaker was then opened.

Given these conditions what operational implications are a direct result of these actions?

- A. Loss of Turbine Trip Control.
- B. Loss of Normal Feedwater Control.
- C. Loss of Emergency Diesel Generator Stop Capability.
- D. Loss of Pressurizer Power Operated Block Valve Control.

^
from the
control room

Clarified actions from the Control Room

JAO
1/28/05

Question 17

Given the following plant conditions and sequence of events:

- A Loss of Secondary Heat Sink has occurred.
- Reactor Coolant System (RCS) pressure is 1200 psig.
- Bleed and feed has been established with all Emergency Core Cooling System pumps in service and both Pressurizer Operated Relief Valves (PORVs) open.
- Reactor Coolant Pumps are NOT running.
- Wide range levels are < 5% in all steam generators.
- RCS hot leg temperatures on all loops are 560 F and slowly dropping.
- The crew is about to re-establish feedwater flow to the "D" steam generator.

Based on these conditions, which of the following describes the flow rate that should be established to the "D" steam generator and the reason for the flow rate?

- A. Feed at the maximum rate to mitigate the potential for core damage.
- B. Feed at the minimum rate to minimize thermal stress on steam generator components.
- C. Feed at the maximum rate to depressurize the RCS and facilitate accumulator injection.
- D. Feed at the minimum rate to minimize RCS cooldown rate and RCS pressurized thermal shock.

1420
1/28/05

Question 64

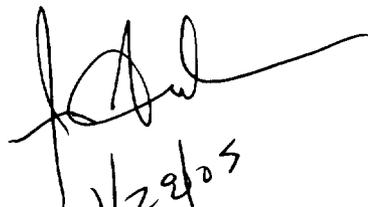
Given the following list of Process/Effluent Radiation Monitors:

1. R-6509, "Waste Test Tank Discharge Monitor".
2. R-6514, "Waste Liquid Test Tank Inlet Monitor".
3. R-6505, "Condenser Air Evacuation Discharge Monitor".
4. R-6519, "Steam Generator Blowdown Flash Tank Discharge Monitor".
5. R-6516, "Primary Component Cooling Water Loop "A" Activity Monitor".

An automatic system isolation will occur in response to a loss of power to which of the above radiation monitor combinations?

- A. 1 and 5.
- B. 2 and 3.
- C. 2 and 4.
- D. 3 and 5.

Clarified that combination does not mean they have to function together, rather which of the two combinations (individually) will cause isolation.


1/29/05

Question 98

The following plant conditions exist:

- A General Emergency has been declared.
- The Wide Range Gas Monitor (WRGM) is in HIGH Alarm.
- Upper wind direction indicates 45 degrees.
- Offsite Dose Calculation determines PAR Group A is applicable only.

Based **ONLY** on these conditions and using the Emergency Response Manual (ER-1.2D/G), which one of the following is the correct action to guard against personnel exposure?

Schiller Station Activation

State Recommendation

- | | |
|-----------------|------------------------------------------------------------------|
| A. REQUIRED | Evacuate 2 mile radius and 5 miles downwind-Shelter all others. |
| B. NOT REQUIRED | Evacuate 2 mile radius and 5 miles downwind-Shelter all others. |
| C. REQUIRED | Evacuate 5 mile radius and 10 miles downwind-Shelter all others. |
| D. NOT REQUIRED | Evacuate 5 mile radius and 10 miles downwind-Shelter all others. |

Reference was not complete. Provided PAR Group A information as part of reference material.



FPL Energy
Seabrook Station

SEABROOK STATION
2005 NRC EXAMINATION

Exam Analysis Sheets

2003-05 Seabrook Station NRC Written Exam Justification for Answer Key Change and Regrade

Following initial exam grading, Seabrook training staff conducted an independent analysis of questions that 50% or more of the candidates answered incorrectly. Eight questions were reviewed. Question 47 was found to contain a technical error as described below. All other questions reviewed were found to be technically accurate and properly structured.

Question 47

Nine out of ten candidates answered incorrectly. Eight of those nine chose the 'C' distractor, which is not correct because an 86UB actuation will trip the generator breaker resulting in a turbine and reactor trip. Thus entry into E-0 is required eliminating distractors C & D. The question work sheet states that 'B' is the correct answer because an 86UB actuation will not only trip the associated UAT breakers but will also prevent auto transfer of the buses to the RAT supply. Tom Manning of plant electrical engineering was consulted to confirm that auto transfer to the RAT supply is not prevented by an 86UB actuation. Therefore the correct answer to this question is 'A'.

The ES-401 worksheet for question 47 references the 13.8kV Detailed System Text and L8012I, the 13.8kV Lesson Guide. Neither of these references indicates that auto transfer to the RAT supplies is blocked by an 86UB actuation.

Recommendations

1. Correct question 47 worksheet (Form ES-401-5)
 - Correct Proposed Answer from 'B' to 'A'
 - Correct Explanation of Answer, last sentence to "The 86UB device will not prevent transfer from the UAT to the RAT backup supply of power, so therefore Bus 1, 3, and 5 will remain energized."
 - Add Technical References
 - 309742 sheet 8 "Protective Relaying Schematic UAT 1X-2A Backup Relaying."
 - Video Alarm Response Procedure D6455 "Response to UAT 2A PROT SYS 2 TRIP & LOCK OUT"
 - Correct Explanation of Distractors first line to "B – incorrect because transfer to RAT supplies will occur. E-0 is correct procedural reference."
2. Correct answer key for question 47. Correct answer is 'A'
3. Regrade question 47 for all candidates.
4. Submit Condition Reports (TDRs) to evaluate potential LOIT program weakness where indicated by review of high miss questions.

Training Supervisor
Review and Approval



Date 2-9-05

2003-05 Seabrook Station NRC Written Exam Analysis

The following questions required review as 50% or more of the candidates answered incorrectly:

Question 19

Six out of ten candidates answered incorrectly. Five of those six chose the 'A' distractor, recognizing that following the rod drop Tavg would be lower. Apparently, however, they failed to consider the decrease in steam pressure associated with the lower Tavg. The question is technically accurate and properly structured. Submitted CR 05-01589 to address this as a potential LOIT program weakness.

Question 42

Five out of ten candidates answered incorrectly. Four of those five chose the 'B' distractor, recognizing that a single train of CBS will limit containment pressure to design values. The 'B' distractor is incorrect because the indicated CBS-P-9A discharge pressure is too low to deliver flow to the spray header. The question is technically accurate and properly structured. Submitted CR 05-01591 to address this as a potential LOIT program weakness.

Question 47

Nine out of ten candidates answered incorrectly. Eight of those nine chose the 'C' distractor, which is not correct because an 86UB actuation will trip the generator breaker resulting in a turbine and reactor trip. Thus entry into E-0 is required eliminating distractors C & D. The question work sheet states that 'B' is the correct answer because an 86UB actuation will not only trip the associated UAT breakers but will also prevent auto transfer of the buses to the RAT supply. Tom Manning of plant electrical engineering was consulted to confirm that auto transfer to the RAT supply is not prevented by an 86UB actuation. Submitted CR 05-01592 to address this as a potential LOIT program weakness.

Question 58

Five out of ten candidates answered incorrectly. All five of those chose the 'D' distractor. FR-C.1 requires that the operator continue to start available RCPs until CETCs are < 1100F (not 750F per distractor D). The question is technically correct and properly structured. Submitted CR 05-01593 to address this as a potential LOIT program weakness.

Question 59

Six out of ten candidates answered incorrectly. All six of those chose the 'D' distractor, recognizing the power to the hydrogen recombiners must be safety related. The correct answer however is an MCC not a Unit Substation (per distractor D). The question is technically correct and properly structured. Submitted CR 05-01595 to address this as a potential LOIT program weakness.

Question 82

Two out of four candidates answered incorrectly. Both of those chose distractor C. The action specified by this distractor is plausible but is not directed per the specified AOP. The question is technically correct and properly structured. Submitted CR 05-01596 to address this as a potential LOIT program weakness.

Question 90

Two out of four candidates answered incorrectly. Both of those chose distractor B. The action specified by this distractor is plausible but is not in accord with the specified MPE. The question is technically correct and properly structured. Submitted CR 05-01597 to address this as a potential LOIT program weakness.

Question 100

Three out of four candidates answered incorrectly. All three chose distractor C. This distractor would be correct for State notifications but not for NRC notifications. The question is technically correct and properly structured. Submitted CR 05-01599 to address this as a potential LOIT program weakness.

Standard Item Analysis Report On Exam20 Version A

RO

Course #: 2003-05 LOIT

Instructor: Ed Momm

Course Title: 2003-05 LOIT

Description:

Day/Time:

Term/Year:

Total Possible Points:	75.00	Median Score:	66.50	Highest Score:	69.00
Student in this group:	6	Mean Score:	66.50	Lowest Score:	64.00
Standard Deviation:	1.71	Reliability Coefficient (KR20):	0.00		

No.	Correct Group Responses			Point Biserial	Correct Answer	Response Frequencies - * indicates correct answer										Non Distractor	
	Total	Upper 27%	Lower 27%			A	B	C	D								
1	83.33%	100.00%	100.00%	0.13	B	0	*5	1	0								AD
2	83.33%	100.00%	50.00%	0.65	A	*5	0	0	1								BC
3	100.00%	100.00%	100.00%	0.00	D	0	0	0	*6								ABC
4	100.00%	100.00%	100.00%	0.00	A	*6	0	0	0								BCD
5	100.00%	100.00%	100.00%	0.00	A	*6	0	0	0								BCD
6	100.00%	100.00%	100.00%	0.00	A	*6	0	0	0								BCD
7	100.00%	100.00%	100.00%	0.00	A	*6	0	0	0								BCD
8	100.00%	100.00%	100.00%	0.00	C	0	0	*6	0								ABD
9	83.33%	100.00%	100.00%	-0.13	B	1	*5	0	0								CD
10	100.00%	100.00%	100.00%	0.00	B	0	*6	0	0								ACD
11	83.33%	50.00%	100.00%	-0.39	B	1	*5	0	0								CD
12	100.00%	100.00%	100.00%	0.00	A	*6	0	0	0								BCD
	100.00%	100.00%	100.00%	0.00	B	0	*6	0	0								ACD
	50.00%	100.00%	0.00%	0.88	B	0	*3	3	0								AD
15	100.00%	100.00%	100.00%	0.00	C	0	0	*6	0								ABD
16	100.00%	100.00%	100.00%	0.00	B	0	*6	0	0								ACD
17	83.33%	100.00%	50.00%	0.39	B	1	*5	0	0								CD
18	66.67%	100.00%	0.00%	0.83	A	*4	0	2	0								BD
19	50.00%	0.00%	100.00%	-0.68	B	3	*3	0	0								CD
20	100.00%	100.00%	100.00%	0.00	A	*6	0	0	0								BCD
21	100.00%	100.00%	100.00%	0.00	A	*6	0	0	0								BCD
22	83.33%	100.00%	100.00%	-0.13	B	0	*5	0	1								AC
23	100.00%	100.00%	100.00%	0.00	A	*6	0	0	0								BCD
24	100.00%	100.00%	100.00%	0.00	D	0	0	0	*6								ABC
25	66.67%	50.00%	100.00%	-0.41	D	0	2	0	*4								AC
26	100.00%	100.00%	100.00%	0.00	B	0	*6	0	0								ACD
27	83.33%	100.00%	100.00%	-0.13	B	1	*5	0	0								CD
28	83.33%	100.00%	50.00%	0.65	D	0	1	0	*5								AC
29	100.00%	100.00%	100.00%	0.00	A	*6	0	0	0								BCD
30	100.00%	100.00%	100.00%	0.00	B	0	*6	0	0								ACD
31	100.00%	100.00%	100.00%	0.00	B	0	*6	0	0								ACD
32	100.00%	100.00%	100.00%	0.00	A	*6	0	0	0								BCD
33	100.00%	100.00%	100.00%	0.00	D	0	0	0	*6								ABC
	100.00%	100.00%	100.00%	0.00	C	0	0	*6	0								ABD
35	100.00%	100.00%	100.00%	0.00	B	0	*6	0	0								ACD
36	100.00%	100.00%	100.00%	0.00	C	0	0	*6	0								ABD
37	83.33%	100.00%	100.00%	0.13	C	1	0	*5	0								BD

Standard Item Analysis Report On Exam20 Version A

Course #: 2003-05 LOIT

Instructor: Ed Momm

Course Title: 2003-05 LOIT

Description:

Day/Time:

Term/Year:

Total Possible Points:	75.00	Median Score:	66.50	Highest Score:	69.00
Student in this group:	6	Mean Score:	66.50	Lowest Score:	64.00
Standard Deviation:	1.71	Reliability Coefficient (KR20):	0.00		

No.	Correct Group Responses			Point Biserial	Correct Answer	Response Frequencies - * indicates correct answer										Non Distractor	
	Total	Upper 27%	Lower 27%			A	B	C	D								
38	66.67%	100.00%	50.00%	0.21	D	2	0	0	*4								BC
39	100.00%	100.00%	100.00%	0.00	B	0	*6	0	0								ACD
40	83.33%	100.00%	100.00%	-0.13	D	0	1	0	*5								AC
41	100.00%	100.00%	100.00%	0.00	D	0	0	0	*6								ABC
42	50.00%	50.00%	0.00%	0.49	D	0	2	1	*3								A
43	100.00%	100.00%	100.00%	0.00	B	0	*6	0	0								ACD
44	100.00%	100.00%	100.00%	0.00	A	*6	0	0	0								BCD
45	100.00%	100.00%	100.00%	0.00	A	*6	0	0	0								BCD
46	100.00%	100.00%	100.00%	0.00	C	0	0	*6	0								ABD
47	0.00%	0.00%	0.00%	0.00	A	*0	1	5	0								AD
48	100.00%	100.00%	100.00%	0.00	B	0	*6	0	0								ACD
49	100.00%	100.00%	100.00%	0.00	D	0	0	0	*6								ABC
50	100.00%	100.00%	100.00%	0.00	D	0	0	0	*6								ABC
	83.33%	100.00%	50.00%	0.39	D	0	1	0	*5								AC
52	100.00%	100.00%	100.00%	0.00	C	0	0	*6	0								ABD
53	100.00%	100.00%	100.00%	0.00	A	*6	0	0	0								BCD
54	100.00%	100.00%	100.00%	0.00	C	0	0	*6	0								ABD
55	66.67%	50.00%	100.00%	-0.21	C	0	2	*4	0								AD
56	100.00%	100.00%	100.00%	0.00	D	0	0	0	*6								ABC
57	100.00%	100.00%	100.00%	0.00	C	0	0	*6	0								ABD
58	33.33%	50.00%	0.00%	0.21	B	0	*2	0	4								AC
59	50.00%	50.00%	0.00%	0.49	A	*3	0	0	3								BC
60	100.00%	100.00%	100.00%	0.00	A	*6	0	0	0								BCD
61	100.00%	100.00%	100.00%	0.00	C	0	0	*6	0								ABD
62	83.33%	50.00%	100.00%	-0.65	A	*5	1	0	0								CD
63	100.00%	100.00%	100.00%	0.00	D	0	0	0	*6								ABC
64	83.33%	100.00%	50.00%	0.65	C	1	0	*5	0								BD
65	100.00%	100.00%	100.00%	0.00	B	0	*6	0	0								ACD
66	100.00%	100.00%	100.00%	0.00	B	0	*6	0	0								ACD
67	100.00%	100.00%	100.00%	0.00	C	0	0	*6	0								ABD
68	100.00%	100.00%	100.00%	0.00	D	0	0	0	*6								ABC
69	66.67%	50.00%	100.00%	-0.21	D	1	0	1	*4								B
70	83.33%	100.00%	50.00%	0.65	A	*5	0	1	0								BD
	66.67%	50.00%	100.00%	-0.41	D	0	2	0	*4								AC
72	66.67%	100.00%	50.00%	0.41	D	1	0	1	*4								B
73	83.33%	100.00%	50.00%	0.39	A	*5	1	0	0								CD
74	100.00%	100.00%	100.00%	0.00	C	0	0	*6	0								ABD

Standard Item Analysis Report On Exam20 Version A

Course #: 2003-05 LOIT

Instructor: Ed Momm

Course Title: 2003-05 LOIT

Description:

Day/Time:

Term/Year:

Total Possible Points:	75.00	Median Score:	66.50	Highest Score:	69.00
Student in this group:	6	Mean Score:	66.50	Lowest Score:	64.00
Standard Deviation:	1.71	Reliability Coefficient (KR20):	0.00		

No.	Correct Group Responses			Point Biserial	Correct Answer	Response Frequencies - * indicates correct answer										Non Distractor	
	Total	Upper 27%	Lower 27%			A	B	C	D								
75	100.00%	100.00%	100.00%	0.00	A	*6	0	0	0								BCD

Standard Item Analysis Report On Exam19 Version A

SR0

Course #: 2003-05 LOIT

Instructor: Ed Momm

Course Title: 2003-05 LOIT

Description:

Day/Time:

Term/Year:

Total Possible Points:	100.00	Median Score:	87.00	Highest Score:	91.00
Student in this group:	4	Mean Score:	87.75	Lowest Score:	86.00
Standard Deviation:	2.05	Reliability Coefficient (KR20):	0.00		

No.	Correct Group Responses			Point Biserial	Correct Answer	Response Frequencies - * indicates correct answer										Non Distractor		
	Total	Upper 27%	Lower 27%			A	B	C	D									
1	75.00%	100.00%	100.00%	0.49	B	0	*3	1	0									AD
2	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0									BCD
3	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4									ABC
4	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0									BCD
5	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0									BCD
6	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0									BCD
7	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0									BCD
8	100.00%	100.00%	100.00%	0.00	C	0	0	*4	0									ABD
9	100.00%	100.00%	100.00%	0.00	B	0	*4	0	0									ACD
10	100.00%	100.00%	100.00%	0.00	B	0	*4	0	0									ACD
11	25.00%	0.00%	0.00%	0.07	B	3	*1	0	0									CD
12	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0									BCD
13	100.00%	100.00%	100.00%	0.00	B	0	*4	0	0									ACD
14	75.00%	100.00%	100.00%	-0.07	B	0	*3	1	0									AD
15	100.00%	100.00%	100.00%	0.00	C	0	0	*4	0									ABD
16	100.00%	100.00%	100.00%	0.00	B	0	*4	0	0									ACD
17	100.00%	100.00%	100.00%	0.00	B	0	*4	0	0									ACD
18	75.00%	100.00%	100.00%	0.49	A	*3	0	1	0									BD
19	25.00%	100.00%	0.00%	0.92	B	2	*1	0	1									C
20	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0									BCD
21	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0									BCD
22	50.00%	100.00%	0.00%	0.37	B	0	*2	0	2									AC
23	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0									BCD
24	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4									ABC
25	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4									ABC
26	100.00%	100.00%	100.00%	0.00	B	0	*4	0	0									ACD
27	100.00%	100.00%	100.00%	0.00	B	0	*4	0	0									ACD
28	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4									ABC
29	75.00%	100.00%	0.00%	0.49	A	*3	0	0	1									BC
30	50.00%	0.00%	100.00%	-0.37	B	0	*2	2	0									AD
31	100.00%	100.00%	100.00%	0.00	B	0	*4	0	0									ACD
32	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0									BCD
33	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4									ABC
34	100.00%	100.00%	100.00%	0.00	C	0	0	*4	0									ABD
35	100.00%	100.00%	100.00%	0.00	B	0	*4	0	0									ACD
36	100.00%	100.00%	100.00%	0.00	C	0	0	*4	0									ABD
37	75.00%	100.00%	0.00%	0.49	C	1	0	*3	0									BD

Standard Item Analysis Report On Exam19 Version A

Course #: 2003-05 LOIT

Instructor: Ed Momm

Course Title: 2003-05 LOIT

Description:

Day/Time:

Term/Year:

Total Possible Points:	100.00	Median Score:	87.00	Highest Score:	91.00
Student in this group:	4	Mean Score:	87.75	Lowest Score:	86.00
Standard Deviation:	2.05	Reliability Coefficient (KR20):	0.00		

No.	Correct Group Responses			Point Biserial	Correct Answer	Response Frequencies - * indicates correct answer										Non Distractor	
	Total	Upper 27%	Lower 27%			A	B	C	D								
38	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4								ABC
39	75.00%	0.00%	100.00%	-0.92	B	0	*3	1	0								AD
40	25.00%	0.00%	0.00%	-0.49	D	2	1	0	*1								C
41	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4								ABC
42	50.00%	100.00%	0.00%	0.86	D	0	2	0	*2								AC
43	100.00%	100.00%	100.00%	0.00	B	0	*4	0	0								ACD
44	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0								BCD
45	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0								BCD
46	100.00%	100.00%	100.00%	0.00	C	0	0	*4	0								ABD
47	25.00%	0.00%	100.00%	-0.49	A	*1	0	3	0								BD
48	100.00%	100.00%	100.00%	0.00	B	0	*4	0	0								ACD
49	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4								ABC
50	50.00%	0.00%	0.00%	-0.37	D	0	2	0	*2								AC
	75.00%	100.00%	100.00%	0.49	D	0	1	0	*3								AC
52	100.00%	100.00%	100.00%	0.00	C	0	0	*4	0								ABD
53	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0								BCD
54	100.00%	100.00%	100.00%	0.00	C	0	0	*4	0								ABD
55	50.00%	100.00%	0.00%	0.37	C	0	2	*2	0								AD
56	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4								ABC
57	100.00%	100.00%	100.00%	0.00	C	0	0	*4	0								ABD
58	75.00%	100.00%	100.00%	-0.07	B	0	*3	0	1								AC
59	25.00%	100.00%	0.00%	0.92	A	*1	0	0	3								BC
60	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0								BCD
61	100.00%	100.00%	100.00%	0.00	C	0	0	*4	0								ABD
62	75.00%	100.00%	100.00%	0.49	A	*3	1	0	0								CD
63	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4								ABC
64	100.00%	100.00%	100.00%	0.00	C	0	0	*4	0								ABD
65	75.00%	100.00%	100.00%	-0.07	B	0	*3	0	1								AC
66	75.00%	100.00%	100.00%	0.49	B	0	*3	0	1								AC
67	100.00%	100.00%	100.00%	0.00	C	0	0	*4	0								ABD
68	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4								ABC
69	75.00%	100.00%	100.00%	-0.07	D	0	0	1	*3								AB
70	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0								BCD
	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4								ABC
72	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4								ABC
73	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0								BCD
74	100.00%	100.00%	100.00%	0.00	C	0	0	*4	0								ABD

Standard Item Analysis Report On Exam19 Version A

Course #: 2003-05 LOIT

Instructor: Ed Momm

Course Title: 2003-05 LOIT

Description:

Day/Time:

Term/Year:

Total Possible Points:	100.00	Median Score:	87.00	Highest Score:	91.00
Student in this group:	4	Mean Score:	87.75	Lowest Score:	86.00
Standard Deviation:	2.05	Reliability Coefficient (KR20):	0.00		

No.	Correct Group Responses			Point Biserial	Correct Answer	Response Frequencies - * indicates correct answer										Non Distractor	
	Total	Upper 27%	Lower 27%			A	B	C	D								
75	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0								BCD
76	100.00%	100.00%	100.00%	0.00	C	0	0	*4	0								ABD
77	75.00%	100.00%	0.00%	0.49	A	*3	1	0	0								CD
78	100.00%	100.00%	100.00%	0.00	B	0	*4	0	0								ACD
79	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4								ABC
80	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4								ABC
81	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4								ABC
82	50.00%	100.00%	0.00%	0.86	D	0	0	2	*2								AB
83	100.00%	100.00%	100.00%	0.00	B	0	*4	0	0								ACD
84	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0								BCD
85	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4								ABC
86	100.00%	100.00%	100.00%	0.00	B	0	*4	0	0								ACD
87	100.00%	100.00%	100.00%	0.00	C	0	0	*4	0								ABD
	100.00%	100.00%	100.00%	0.00	B	0	*4	0	0								ACD
89	100.00%	100.00%	100.00%	0.00	B	0	*4	0	0								ACD
90	50.00%	100.00%	0.00%	0.37	D	0	2	0	*2								AC
91	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0								BCD
92	100.00%	100.00%	100.00%	0.00	A	*4	0	0	0								BCD
93	75.00%	100.00%	0.00%	0.49	A	*3	1	0	0								CD
94	50.00%	0.00%	100.00%	-0.37	C	0	2	*2	0								AD
95	100.00%	100.00%	100.00%	0.00	C	0	0	*4	0								ABD
96	75.00%	0.00%	100.00%	-0.92	A	*3	1	0	0								CD
97	100.00%	100.00%	100.00%	0.00	C	0	0	*4	0								ABD
98	100.00%	100.00%	100.00%	0.00	B	0	*4	0	0								ACD
99	100.00%	100.00%	100.00%	0.00	D	0	0	0	*4								ABC
100	25.00%	0.00%	100.00%	-0.49	A	*1	0	3	0								BD