

Constellation Nuclear

Calvert Cliffs Nuclear Power Plant

*A Member of the
Constellation Energy Group*

TO: L. R. Briggs, NRC Region 1 Chief Examiner *YH*
FROM: R. W. Scott, Sr. Ops Instructor via J. F. Hornick, Supervisor-Initial
Training Unit
SUBJ: September 2000 NRC Written Exam Results
DATE: September 29, 2000

Attached per Nureg 1021 Rev. 8 ES-403 and ES-501 Supplement 1 are the following Exam materials from the SRO and RO Written Exam administered on 9/22/00 at Calvert Cliffs Nuclear Power Plant:

- * Exam Cover Sheets with candidate's Answer Sheet attached (Scantron and Exam software report)
- * Master SRO and RO exam with answer keys
- * Questions asked by candidates during test administration and proctor responses (Attachments 3 and 7)
- * Examination seating chart
- * ES-403-1, Written Exam Grading Quality Assurance Checklist
- * SRO and RO Examination analysis

The original form for ES-201-3 "Examination Security Agreement" will be submitted later upon completion of the Operating Test.

The post exam analysis has concluded that both exams are valid with no corrections required to either the answer keys or questions. The post exam review with the candidates had a large consensus that the exam was fair and challenging. There were some questions that candidates had difficulty recalling but all agreed that questions were operationally valid.

There were seven (7) questions missed by greater than 50% of the SRO candidates and ten (10) questions missed by greater than 50% of the RO candidates. The analysis results of these questions are provided on Attachments 2 and 6.

The post exam analysis results that require further evaluation are as follows:

- * Steam dumping capabilities for both units on loss of condenser vacuum (an RPA was submitted to Procedure Development (PDMAU) group to request a change to U-2 AOP stating that TBVs shut at 20" vice 22.5" as now stated in AOP). Upgrade training program to reflect this change

- * Basis for RCP trip strategy during a small break LOCA (remedial training)
- * Actions to take when in AOP-11 and not meeting its Safety Function Acceptance Criteria (remedial training)
- * FHS direction required for an RMS alarm during Fuel Handling (remedial training)
- * Functional Recovery Procedure implementation when not meeting Reactivity Control Safety function (remedial training and program upgrade)
- * Sequence involved when closing an alternate 4KV feeder breaker onto an energized 4KV bus (remedial training)
- * Response involving a loss of a non-vital 4KV bus that affects condensate system components (assess training program for improvement)

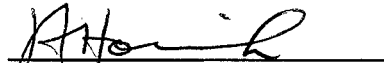
A potential exam compromise issue was identified prior to administering the exam. Upon investigation of this issue no evidence of a compromise was concluded. A summary of this incident is provided in Attachment 10.

If you need any additional information, please contact me at 410-495-4957 or John Hornick at 410-495-4789.

Sincerely,



R. W. Scott
Sr. Operations Instructor



J. F. Hornick
Supervisor-Initial Training Unit

cc: N. A. Winters
J. F. Hornick
J. K. Mills
T. W. Grover

Attachments:

1. SRO and RO Written Exam Analysis Summary
2. SRO Written Exam Analysis (>50% questions missed)
3. SRO Written Exam administration candidate comments/questions
4. SRO Written Exam Test Statistics (\LXRTEST\SRO99NRC.scr)
5. SRO Written Exam Question Statistics(\LXRTEST\SRO99NRC.scr)
6. RO Written Exam Analysis (>50% questions missed)
7. RO Written Exam administration candidate comments/questions
8. RO Written Exam Test Statistics (\LXRTEST\CRO99NRC.scr)
9. RO Written Exam Question Statistics(\LXRTEST\CRO99NRC.scr)
10. Investigation and Evaluation of Potential Exam Compromise

9/22/00 NRC SRO and RO Written Exam Analysis Summary

Back ground:

The NRC SRO and RO Written Exam was developed per NUREG 1021 by Constellation Nuclear-Calvert Cliffs Nuclear Power Plant. The exam was developed, validated and reviewed by 12 Calvert Cliffs personnel and 3 NRC Region 1 Examiners. The Exam was approved by NRC Region 1 for administration by Calvert Cliffs on 9/22/00. The test was administered per ES-402 and initially graded by Calvert Cliffs per ES-403. The completed Exam was submitted to the Region 1 Chief Examiner on 9/29/00 with no changes recommended to the answer key or test questions.

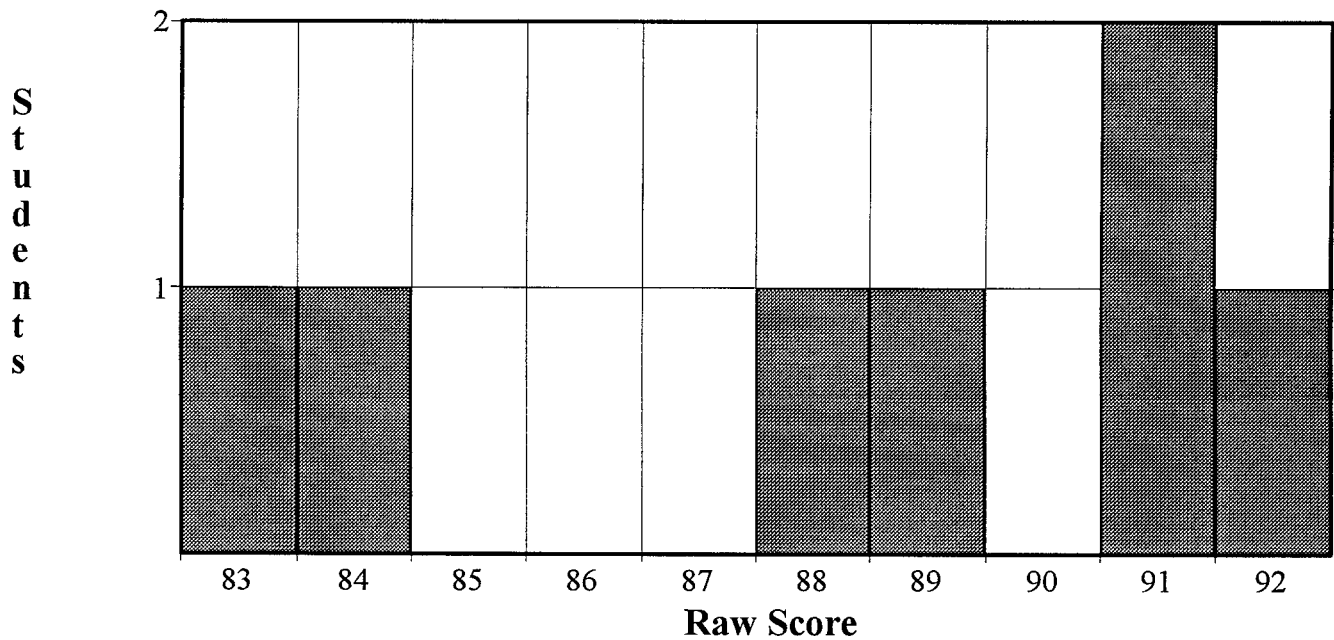
Test Configuration:	SRO	RO
Total points:	100	100
Group Average test time	3 hrs 40 min	3 hrs 37 min
Cognitive Level		
Memory	40	45
Comprehension	44	42
Application	16	13
SRO only	16	
Question Source		
Bank	42	43
Modified	7	7
New	51	50
Candidate Scores		
High	92	90
Mean (test difficulty)	88.286	85.400
Low	83	82
Question Discrimination		
Total questions missed	42	39
Questions missed by $\geq 50\%$	7	10
Question Validity		
Questions face valid	100	100
Questions operationally valid	100	100

9/22/00 SRO Written Exam Analysis (>50% missed)

#	Topic	NRC Type	Remarks
18	Steam Dumping Capabilities for both Units on loss of condenser vacuum	Emer/abnormal conditions	Covered in LOIT program
26	Small break LOCA basis for tripping first 2 RCPs then last 2 RCPs	Emer/abnormal conditions	Covered in LOIT program
65	Design basis for Quench Tank volume	Pressurizer relief/Quench Tank	Covered in LOIT program
69	Unscheduled work activity to move fuel assemblies into fuel inspection stand in the SFP area	Conduct of Operations	Covered in LOIT program
77	Control Room Evacuation and not meeting Safety Parameter Acceptance Criteria for AOP implemented	Emer/abnormal conditions	Covered in LOIT program
82	Emergency Boration-dilution event in lower mode	Emer/abnormal conditions	Covered in LOIT program
91	Fuel Handling Accident	Emer/abnormal conditions	Covered in LOIT program

9/22/00 SRO Written Exam Administration Comments

#	Candidate comment /question	Proctor response
9	What is the question asking? What actions after EOP-0?	The question states actions after a reactor trip and a subsequent fire ...
16	Is this question asking what valve is needed to be opened for RCP restart	It is asking per the AOP what valve positioning would be required for RCP restart
17	For choice B, does "... 11 CC Heat Exchanger header" mean CC side or Saltwater side	Saltwater side per the stated AOP choice B
46	Why do the answers all show CS flow for only 1 pump, but state that 2 are injecting water	The CS flow stated is "per operating CS pump"
48	Is the reference for this question complete; should be an additional page that contains a matrix	Not included in package (intentionally)
69	I don't see any appropriate answers for NO-1-100. Can you clarify?	Read the question again, select the most appropriate answer for the conditions IAW NO-1-100
75	The question states using the appropriate references and none of the references provided are appropriate	Appropriate reference provided
86	Two answers appear to be consistent	Choose the best answer
89	Isn't this the "old" Tech Spec number?	Posted change to TS, should be 3.4.13 NOT 3.4.6.2
92	Need clarification	Just read the question
99	Is it asking if the CEAs are untrippable or immovable	You need to figure that out



Test Name:	SROVAL2.TST	
Test Date:	Friday, September 22, 2000	
Number of Students:	7	
Number of Items:	100	
Maximum Point Value:	100	
Highest Score:	92	(92.0 %)
Lowest Score:	83	(83.0 %)
Median:	89	(89.0 %)
Mean:	88.286	(88.3 %)
Standard Deviation:	3.546	
Test Reliability:	0.371	
Standard Error of Measurement:	2.812	

Friday, September 22, 2000 @ 05:43 PM

Statistics [Question]

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Test Name: SROVAL2.TST

Test Date: Friday, September 22, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		
					Choice	Response Index	Point Biserial
1: 1	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 2	MC-SR	1	0.714	0.537	A	0.286	-0.537
					B	0.000	-
					C	0.000	-
					✓ D	0.714	0.537
					Omitted	0.000	-
1: 3	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 4	MC-SR	1	1.000	-	✓ A	1.000	-
					B	0.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 5	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 6	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-

Test Name: SROVAL2.TST

Test Date: Friday, September 22, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 7	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 8	MC-SR	1	0.857	-0.089	A	0.000	-
					B	0.000	-
					✓ C	0.857	-0.089
					D	0.143	0.089
					Omitted	0.000	-
1: 9	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 10	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 11	MC-SR	1	0.857	-0.462	A	0.143	0.462
					✓ B	0.857	-0.462
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 12	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-

Test Name: SROVAL2.TST

Test Date: Friday, September 22, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 13	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 14	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 15	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 16	MC-SR	1	0.857	0.533	A	0.143	-0.533
					B	0.000	-
					✓ C	0.857	0.533
					D	0.000	-
					Omitted	0.000	-
1: 17	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 18	MC-SR	1	0.286	0.619	A	0.143	-0.036
					✓ B	0.286	0.619
					C	0.571	-0.540
					D	0.000	-
					Omitted	0.000	-

Test Name: SROVAL2.TST

Test Date: Friday, September 22, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 19	MC-SR	1	0.857	-0.462	A	0.000	-
					✓ B	0.857	-0.462
					C	0.143	0.462
					D	0.000	-
					Omitted	0.000	-
1: 20	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 21	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 22	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 23	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 24	MC-SR	1	0.571	0.427	A	0.000	-
					✓ B	0.571	0.427
					C	0.286	-0.537
					D	0.143	0.089
					Omitted	0.000	-

Test Name: SROVAL2.TST

Test Date: Friday, September 22, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 25	MC-SR	1	0.714	0.151	A	0.000	-
					B	0.000	-
					C	0.286	-0.151
					✓ D	0.714	0.151
					Omitted	0.000	-
1: 26	MC-SR	1	0.286	0.523	A	0.143	-0.657
					✓ B	0.286	0.523
					C	0.571	-0.013
					D	0.000	-
					Omitted	0.000	-
1: 27	MC-SR	1	0.857	0.657	A	0.000	-
					B	0.000	-
					✓ C	0.857	0.657
					D	0.143	-0.657
					Omitted	0.000	-
1: 28	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 29	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 30	MC-SR	1	0.857	0.533	A	0.143	-0.533
					B	0.000	-
					C	0.000	-
					✓ D	0.857	0.533
					Omitted	0.000	-

Test Name: SROVAL2.TST

Test Date: Friday, September 22, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 31	MC-SR	1	1.000	-	✓ A	1.000	-
					B	0.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 32	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 33	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 34	MC-SR	1	1.000	-	✓ A	1.000	-
					B	0.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 35	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 36	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-

Test Name: SROVAL2.TST

Test Date: Friday, September 22, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 37	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 38	MC-SR	1	0.857	-0.089	A	0.000	-
					B	0.143	0.089
					C	0.000	-
					✓ D	0.857	-0.089
					Omitted	0.000	-
1: 39	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 40	MC-SR	1	0.714	0.922	✓ A	0.714	0.922
					B	0.000	-
					C	0.000	-
					D	0.286	-0.922
					Omitted	0.000	-
1: 41	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 42	MC-SR	1	1.000	-	✓ A	1.000	-
					B	0.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-

Test Name: SROVAL2.TST

Test Date: Friday, September 22, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		
					Choice	Response Index	Point Biserial
1: 43	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 44	MC-SR	1	0.857	0.036	A	0.143	-0.036
					B	0.000	-
					C	0.000	-
					✓ D	0.857	0.036
					Omitted	0.000	-
1: 45	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 46	MC-SR	1	0.857	-0.089	A	0.000	-
					B	0.143	0.089
					C	0.000	-
					✓ D	0.857	-0.089
					Omitted	0.000	-
1: 47	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 48	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-

Test Name: SROVAL2.TST

Test Date: Friday, September 22, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 49	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 50	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 51	MC-SR	1	0.857	0.657	A	0.000	-
					✓ B	0.857	0.657
					C	0.000	-
					D	0.143	-0.657
					Omitted	0.000	-
1: 52	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 53	MC-SR	1	0.714	0.248	A	0.286	-0.248
					B	0.000	-
					✓ C	0.714	0.248
					D	0.000	-
					Omitted	0.000	-
1: 54	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-

Test Name: SROVAL2.TST

Test Date: Friday, September 22, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 55	MC-SR	1	0.714	0.151	A	0.000	-
					✓ B	0.714	0.151
					C	0.286	-0.151
					D	0.000	-
					Omitted	0.000	-
1: 56	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 57	MC-SR	1	1.000	-	✓ A	1.000	-
					B	0.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 58	MC-SR	1	0.857	0.657	A	0.143	-0.657
					✓ B	0.857	0.657
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 59	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 60	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-

Test Name: SROVAL2.TST

Test Date: Friday, September 22, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 61	MC-SR	1	0.857	0.036	✓ A	0.857	0.036
					B	0.000	-
					C	0.000	-
					D	0.143	-0.036
					Omitted	0.000	-
1: 62	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 63	MC-SR	1	0.714	0.537	A	0.286	-0.537
					B	0.000	-
					✓ C	0.714	0.537
					D	0.000	-
					Omitted	0.000	-
1: 64	MC-SR	1	0.857	0.036	✓ A	0.857	0.036
					B	0.143	-0.036
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 65	MC-SR	1	0.429	-0.867	A	0.429	0.804
					✓ B	0.429	-0.867
					C	0.000	-
					D	0.143	0.089
					Omitted	0.000	-
1: 66	MC-SR	1	1.000	-	✓ A	1.000	-
					B	0.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-

Test Name: SROVAL2.TST

Test Date: Friday, September 22, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		
					Choice	Response Index	Point Biserial
1: 67	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 68	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 69	MC-SR	1	0.143	0.338	A	0.000	-
					✓ B	0.143	0.338
					C	0.000	-
					D	0.857	-0.338
					Omitted	0.000	-
1: 70	MC-SR	1	0.857	0.533	✓ A	0.857	0.533
					B	0.143	-0.533
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 71	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 72	MC-SR	1	0.857	0.533	A	0.000	-
					B	0.000	-
					✓ C	0.857	0.533
					D	0.143	-0.533
					Omitted	0.000	-

Test Name: SROVAL2.TST

Test Date: Friday, September 22, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 73	MC-SR	1	0.714	0.922	A	0.000	-
					B	0.143	-0.533
					C	0.143	-0.657
					✓ D	0.714	0.922
					Omitted	0.000	-
1: 74	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 75	MC-SR	1	0.857	0.533	A	0.000	-
					B	0.143	-0.533
					✓ C	0.857	0.533
					D	0.000	-
					Omitted	0.000	-
1: 76	MC-SR	1	0.857	-0.338	A	0.143	0.338
					B	0.000	-
					✓ C	0.857	-0.338
					D	0.000	-
					Omitted	0.000	-
1: 77	MC-SR	1	0.429	-0.603	A	0.000	-
					B	0.286	0.330
					C	0.286	0.330
					✓ D	0.429	-0.603
					Omitted	0.000	-
1: 78	MC-SR	1	0.857	0.533	A	0.143	-0.533
					✓ B	0.857	0.533
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-

Test Name: SROVAL2.TST

Test Date: Friday, September 22, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 79	MC-SR	1	0.714	0.055	A	0.000	-
					B	0.000	-
					C	0.286	-0.055
					✓ D	0.714	0.055
					Omitted	0.000	-
1: 80	MC-SR	1	1.000	-	✓ A	1.000	-
					B	0.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 81	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 82	MC-SR	1	0.429	-0.075	A	0.429	0.540
					B	0.000	-
					✓ C	0.429	-0.075
					D	0.143	-0.657
					Omitted	0.000	-
1: 83	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 84	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-

Test Name: SROVAL2.TST

Test Date: Friday, September 22, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 85	MC-SR	1	0.857	-0.338	A	0.000	-
					B	0.143	0.338
					C	0.000	-
					✓ D	0.857	-0.338
					Omitted	0.000	-
1: 86	MC-SR	1	0.857	-0.338	A	0.143	0.338
					✓ B	0.857	-0.338
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 87	MC-SR	1	1.000	-	✓ A	1.000	-
					B	0.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 88	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 89	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 90	MC-SR	1	0.714	0.248	A	0.000	-
					B	0.286	-0.248
					✓ C	0.714	0.248
					D	0.000	-
					Omitted	0.000	-

Test Name: SROVAL2.TST

Test Date: Friday, September 22, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 91	MC-SR	1	0.286	-0.344	A	0.000	-
					✓ B	0.286	-0.344
					C	0.429	0.101
					D	0.286	0.234
					Omitted	0.000	-
1: 92	MC-SR	1	0.571	0.867	A	0.429	-0.867
					✓ B	0.571	0.867
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 93	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 94	MC-SR	1	0.857	-0.338	A	0.000	-
					B	0.143	0.338
					C	0.000	-
					✓ D	0.857	-0.338
					Omitted	0.000	-
1: 95	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 96	MC-SR	1	0.857	-0.338	✓ A	0.857	-0.338
					B	0.000	-
					C	0.000	-
					D	0.143	0.338
					Omitted	0.000	-

Test Name: SROVAL2.TST

Test Date: Friday, September 22, 2000

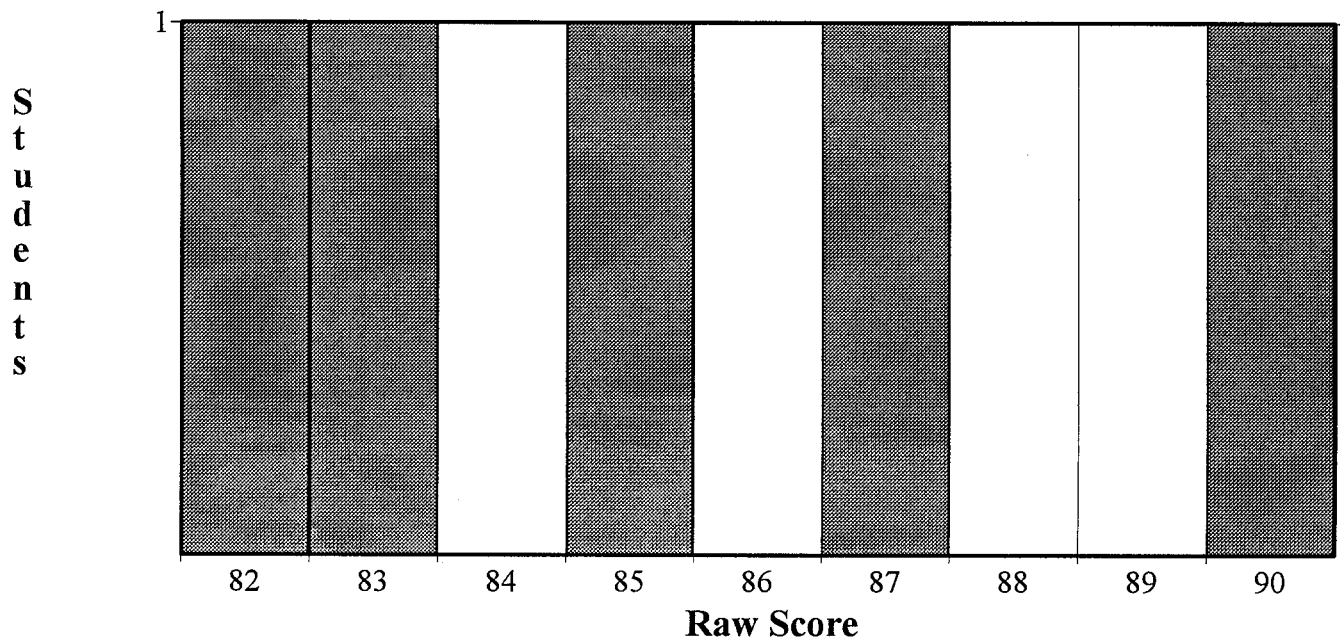
Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 97	MC-SR	1	1.000	-	✓ A	1.000	-
					B	0.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 98	MC-SR	1	0.714	0.922	A	0.286	-0.922
					✓ B	0.714	0.922
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 99	MC-SR	1	0.857	-0.089	A	0.143	0.089
					B	0.000	-
					✓ C	0.857	-0.089
					D	0.000	-
					Omitted	0.000	-
1: 100	MC-SR	1	1.000	-	✓ A	1.000	-
					B	0.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-

9/22/00 RO Written Exam Analysis (>50% missed)

#	Topic	NRC Type	Remarks
19	Steam Dumping Capabilities for both Units on loss of condenser vacuum	Emer/abnormal conditions	Covered in LOIT program
31	Small break LOCA basis for tripping first 2 RCPs then last 2 RCPs	Emer/abnormal conditions	Covered in LOIT program
35	Steam Generator Tube Leak for abnormal S/G chemistry	Emer/abnormal conditions	Covered in LOIT program
37	Functional Recovery Implementation when not meeting Reactivity Control safety function	Emer/abnormal conditions	Covered in LOIT program
45	Excessive RCS leakage involving Regenerative Heat exchanger leak	Emer/abnormal conditions	Covered in LOIT program
56	Containment Cooling system operation following a large break LOCA	Emer/abnormal conditions	Covered in LOIT program
64	Condensate and Condensate Booster pump power supplies	Emer/abnormal conditions	Covered in LOIT program
77	Fire Protection response on smoke detector failure in area protected by Halon	Plant Systems	Covered in LOIT program
86	AC electrical distribution	Plant Systems – AC electrical distribution	Covered in LOIT program
100	Shutdown Margin	Conduct of Operations	Covered in LOIT program

9/22/00 RO Written Exam Administration Comments

#	Candidate comment /question	Proctor response
8	Are there conditions occurring simultaneously?	Just read the question
17	Need to have both the manual valve and the CV opened to restart the RCP, so if CC-284 was throttled we would need to open it for RCP restart	If they were the actions taken per the AOP
26	Is this assuming no other operator actions are occurring?	Assume the time period while manning watchstations
37	Assume all other portions of reactivity control are complete/ Is this the first round of EOP-0/ Did the RO report that the reactor had tripped	Reiterated Appendix E Part B.7 of NUREG-1021/Just read the question /Just read the question
56	Why do the answers all show CS flow for only 1 pump, but state that 2 are injecting water	The CS flow stated is "per operating CS pump"
58	Is there any reference material for this question? If not clarify	No. Read the question



Test Name: ROVAL2.TST
Test Date: Friday, September 22, 2000
Number of Students: 5
Number of Items: 100
Maximum Point Value: 100
Highest Score: 90 (90.0 %)
Lowest Score: 82 (82.0 %)
Median: 85 (85.0 %)
Mean: 85.400 (85.4 %)
Standard Deviation: 3.209
Test Reliability: 0.088
Standard Error of Measurement: 3.064

Friday, September 22, 2000 @ 05:41 PM

Statistics [Question]

Page: 1

Test Name: ROVAL2.TST

Test Date: Monday, September 04, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 1	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 2	MC-SR	1	1.000	-	✓ A	1.000	-
					B	0.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 3	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 4	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 5	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 6	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-

Test Name: ROVAL2.TST

Test Date: Monday, September 04, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		
					Choice	Response Index	Point Biserial
1: 7	MC-SR	1	0.600	-0.171	A	0.000	-
					B	0.000	-
					✓ C	0.600	-0.171
					D	0.400	0.171
					Omitted	0.000	-
1: 8	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 9	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 10	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 11	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 12	MC-SR	1	0.600	-0.171	A	0.200	0.279
					✓ B	0.600	-0.171
					C	0.000	-
					D	0.200	-0.070
					Omitted	0.000	-

Test Name: ROVAL2.TST

Test Date: Monday, September 04, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 13	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 14	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 15	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 16	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 17	MC-SR	1	0.600	0.825	A	0.000	-
					B	0.000	-
					✓ C	0.600	0.825
					D	0.400	-0.825
					Omitted	0.000	-
1: 18	MC-SR	1	0.800	0.592	A	0.200	-0.592
					✓ B	0.800	0.592
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-

Test Name: ROVAL2.TST

Test Date: Monday, September 04, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 19	MC-SR	1	0.200	-0.592	A	0.000	-
					✓ B	0.200	-0.592
					C	0.800	0.592
					D	0.000	-
					Omitted	0.000	-
1: 20	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 21	MC-SR	1	0.800	0.592	A	0.200	-0.592
					B	0.000	-
					✓ C	0.800	0.592
					D	0.000	-
					Omitted	0.000	-
1: 22	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 23	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 24	MC-SR	1	1.000	-	✓ A	1.000	-
					B	0.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-

Test Name: ROVAL2.TST

Test Date: Monday, September 04, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 25	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 26	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 27	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 28	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 29	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 30	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-

Test Name: ROVAL2.TST

Test Date: Monday, September 04, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 31	MC-SR	1	0.400	0.882	A	0.000	-
					✓ B	0.400	0.882
					C	0.600	-0.882
					D	0.000	-
					Omitted	0.000	-
1: 32	MC-SR	1	0.800	-0.279	A	0.000	-
					B	0.200	0.279
					✓ C	0.800	-0.279
					D	0.000	-
					Omitted	0.000	-
1: 33	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 34	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 35	MC-SR	1	0.400	0.313	A	0.400	-0.540
					B	0.200	0.279
					C	0.000	-
					✓ D	0.400	0.313
					Omitted	0.000	-
1: 36	MC-SR	1	1.000	-	✓ A	1.000	-
					B	0.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-

Test Name: ROVAL2.TST

Test Date: Monday, September 04, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 37	MC-SR	1	0.400	-0.256	A	0.200	-0.418
					B	0.400	0.597
					✓ C	0.400	-0.256
					D	0.000	-
					Omitted	0.000	-
1: 38	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 39	MC-SR	1	1.000	-	✓ A	1.000	-
					B	0.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 40	MC-SR	1	0.800	0.418	A	0.000	-
					✓ B	0.800	0.418
					C	0.000	-
					D	0.200	-0.418
					Omitted	0.000	-
1: 41	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 42	MC-SR	1	0.600	0.256	A	0.400	-0.256
					B	0.000	-
					C	0.000	-
					✓ D	0.600	0.256
					Omitted	0.000	-

Test Name: ROVAL2.TST

Test Date: Monday, September 04, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 43	MC-SR	1	0.600	0.540	A	0.400	-0.540
					B	0.000	-
					✓ C	0.600	0.540
					D	0.000	-
					Omitted	0.000	-
1: 44	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 45	MC-SR	1	0.200	-0.070	A	0.200	-0.592
					✓ B	0.200	-0.070
					C	0.600	0.540
					D	0.000	-
					Omitted	0.000	-
1: 46	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 47	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 48	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-

Test Name: ROVAL2.TST

Test Date: Monday, September 04, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 49	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 50	MC-SR	1	0.600	0.398	✓ A	0.600	0.398
					B	0.000	-
					C	0.000	-
					D	0.400	-0.398
					Omitted	0.000	-
1: 51	MC-SR	1	0.800	0.592	A	0.000	-
					B	0.200	-0.592
					✓ C	0.800	0.592
					D	0.000	-
					Omitted	0.000	-
1: 52	MC-SR	1	1.000	-	✓ A	1.000	-
					B	0.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 53	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 54	MC-SR	1	0.800	0.592	A	0.200	-0.592
					B	0.000	-
					C	0.000	-
					✓ D	0.800	0.592
					Omitted	0.000	-

Test Name: ROVAL2.TST

Test Date: Monday, September 04, 2000

Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 55	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 56	MC-SR	1	0.400	-0.825	A	0.000	-
					B	0.600	0.825
					C	0.000	-
					✓ D	0.400	-0.825
					Omitted	0.000	-
1: 57	MC-SR	1	0.800	-0.801	A	0.000	-
					✓ B	0.800	-0.801
					C	0.200	0.801
					D	0.000	-
					Omitted	0.000	-
1: 58	MC-SR	1	0.800	-0.801	A	0.200	0.801
					✓ B	0.800	-0.801
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 59	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 60	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-

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Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 61	MC-SR	1	0.800	0.418	A	0.200	-0.418
					B	0.000	-
					✓ C	0.800	0.418
					D	0.000	-
					Omitted	0.000	-
1: 62	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 63	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 64	MC-SR	1	0.200	0.801	A	0.400	-0.825
					B	0.400	0.171
					✓ C	0.200	0.801
					D	0.000	-
					Omitted	0.000	-
1: 65	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 66	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-

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Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 67	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 68	MC-SR	1	0.600	0.398	A	0.400	-0.398
					B	0.000	-
					C	0.000	-
					✓ D	0.600	0.398
					Omitted	0.000	-
1: 69	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 70	MC-SR	1	0.800	0.418	A	0.000	-
					✓ B	0.800	0.418
					C	0.200	-0.418
					D	0.000	-
					Omitted	0.000	-
1: 71	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 72	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-

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Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 73	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 74	MC-SR	1	0.800	0.592	A	0.200	-0.592
					✓ B	0.800	0.592
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 75	MC-SR	1	0.600	0.825	A	0.400	-0.825
					B	0.000	-
					✓ C	0.600	0.825
					D	0.000	-
					Omitted	0.000	-
1: 76	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 77	MC-SR	1	0.400	-0.256	A	0.000	-
					✓ B	0.400	-0.256
					C	0.200	0.801
					D	0.400	-0.398
					Omitted	0.000	-
1: 78	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-

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Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 79	MC-SR	1	1.000	-	✓ A	1.000	-
					B	0.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 80	MC-SR	1	0.600	0.825	A	0.000	-
					✓ B	0.600	0.825
					C	0.000	-
					D	0.400	-0.825
					Omitted	0.000	-
1: 81	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 82	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-
1: 83	MC-SR	1	0.800	0.592	✓ A	0.800	0.592
					B	0.000	-
					C	0.000	-
					D	0.200	-0.592
					Omitted	0.000	-
1: 84	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					✓ C	1.000	-
					D	0.000	-
					Omitted	0.000	-

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Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 85	MC-SR	1	0.800	0.070	A	0.000	-
					B	0.200	-0.070
					✓ C	0.800	0.070
					D	0.000	-
					Omitted	0.000	-
1: 86	MC-SR	1	0.200	-0.070	A	0.000	-
					✓ B	0.200	-0.070
					C	0.000	-
					D	0.800	0.070
					Omitted	0.000	-
1: 87	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 88	MC-SR	1	0.800	-0.801	A	0.000	-
					B	0.000	-
					✓ C	0.800	-0.801
					D	0.200	0.801
					Omitted	0.000	-
1: 89	MC-SR	1	0.800	0.070	A	0.000	-
					B	0.200	-0.070
					C	0.000	-
					✓ D	0.800	0.070
					Omitted	0.000	-
1: 90	MC-SR	1	0.600	0.114	A	0.400	-0.114
					B	0.000	-
					✓ C	0.600	0.114
					D	0.000	-
					Omitted	0.000	-

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Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 91	MC-SR	1	0.800	0.592	✓ A	0.800	0.592
					B	0.200	-0.592
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 92	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 93	MC-SR	1	0.800	0.592	✓ A	0.800	0.592
					B	0.200	-0.592
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 94	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 95	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 96	MC-SR	1	0.800	-0.279	A	0.000	-
					B	0.200	0.279
					✓ C	0.800	-0.279
					D	0.000	-
					Omitted	0.000	-

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Item	Type	Point Value	p(diff)	Point Biserial	Choices Statistics		Point Biserial
					Choice	Response Index	
1: 97	MC-SR	1	1.000	-	A	0.000	-
					✓ B	1.000	-
					C	0.000	-
					D	0.000	-
					Omitted	0.000	-
1: 98	MC-SR	1	1.000	-	A	0.000	-
					B	0.000	-
					C	0.000	-
					✓ D	1.000	-
					Omitted	0.000	-
1: 99	MC-SR	1	0.800	0.418	✓ A	0.800	0.418
					B	0.000	-
					C	0.200	-0.418
					D	0.000	-
					Omitted	0.000	-
1: 100	MC-SR	1	0.400	-0.825	A	0.200	-0.070
					B	0.400	0.882
					C	0.000	-
					✓ D	0.400	-0.825
					Omitted	0.000	-