



ROCHESTER GAS AND ELECTRIC CORPORATION • 89 EAST AVENUE, ROCHESTER, N.Y. 14649-0001



ROGER W. KOBER  
VICE PRESIDENT  
ELECTRIC & STEAM PRODUCTION

TELEPHONE  
AREA CODE 716 546-2700

December 27, 1984

Mr. Richard Starostecki, Director  
Division of Project and Resident Programs  
U. S. Nuclear Regulatory Commission  
Region I  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Dear Mr. Starostecki:

This will supplement our letter to you of December 14, 1984 and confirm our phone discussion of December 21st regarding several of our licensed operators.

Mr. X, identified previously to you, has not been involved in any licensed duties and we will maintain that status until completion of the current requalification program.

The remaining four licensees will also continue in their normal activities and will not assume any additional license responsibilities until completion of the current requalification cycle.

Attached is our comparison of the two examinations in question which you requested.

We appreciate your cooperation in resolving this situation.

Very truly yours,

Roger W. Kober

Att.

8501070345 841227  
PDR ADOCK 05000241  
V PDR

11 1E 42

The evaluation of Ginna Station's 1983 ETC SRO Audit Exam and the 1983 NRC administrated SRO exam indicates many similar or identical questions. In some cases, the question was changed by only a word which though sounding similar changed the question, such as provide the automatic action vs. provide all the actions.

Each question was carefully compared between the two exams and those appearing on the NRC exam were listed in Attachment 1. I indicated the point value for each question and differences in questions I did not consider identical.

Next, the point values of each section and total for the exam were determined. Using the point value of identical questions, the similarity of the exam sections and overall was determined.

The total point value was found to be 102.25 points rather than 100 points indicated on corrected exams. The total similar/identical exam questions was 38.5 points or 37.6% of the exam.

Section 5 contained 24 points rather than 25 points indicated on corrected exams. The similar/identical exam questions were 19.5 point or 81% of section 5.

Section 6 contained 25 points and no similar/identical exam questions.

Section 7 contained 28.25 points rather than 25 points indicated on corrected exams. The similar/identical exam questions were 9 points or 31.8% of section 7.

Section 8 contained 25 points. The similar/identical exam questions were 10 points or 40% of section 8.

Many of the exam questions were standard questions addressing important knowledge areas. In each case, the student expects the area to be addressed and therefore anticipates finding one question concerning the information. Some examples of these question areas are:

- Emergency Planning
- Radiation Exposure Limits
- Reactivity Effects
- Shutdown Margin
- Natural Circulation
- S/G Shrink and Swell
- CCW Leak Indications/Actions
- SI Initiation
- Identifying Emergencies i.e. LOCA
- ECP Calculation/Deviation
- RCS Leakage Requirements

Section 5	19.5	of	24	points	81%
Section 6	0	of	25	points	0%
Section 7	9	of	28.25	points	31.8%
Section 8	10	of	25	points	40%
				-----	
Total	38.5	of	102.25	points	37.6%

## Attachment 1

### Comparison of Audit Exam and NRC Exam

<u>Section 5</u>	25 points - actual point value 24	
Question 5.1 a, b, and c Point value - 1.0, 2.0, 1.0		Identical except for word change.
Question 5.2 a, b, and c Point value - .5, .5, 1.0		Identical except NRC added Assume Actual Power remains constant.
Question 5.3 a, b, and c Point value 1.0, 1.0, 3.0		Identical except (a) written as generic SDM question and the position of Bank D. Standard Question
Question 5.4 a and b Point value 1.5, 1.5		Part (a) is worded differently and part (b) is identical. Initial conditions has Bank D at a different location.
Question 5.5 a, b, and c Point value 1.5, 1.0, 2.0		(a) and (b) are identical. (c) is four parameters or indicators rather than three indications.
Question 5.6 Point value 1.0		Identical except NRC ask for subcooled heat transfer rather than subcooled convection.
Question 5.7 Point value 1.0		Identical
Question 5.8 Point value 1.5		Identical
Question 5.9 a and b Point value 1.0, 1.0		(a) identical. (b) NRC changed to address no operator action.
<u>Section 6</u>	25 points	No identical or similar questions. Totally different questions.
<u>Section 7</u>	25 points - actual point value 28.25	
Question 7.1 a, b, c, and d Point value 1.0, 1.5, 1.5, 1.75		(a) on NRC wanted automatic actuation of SI while audit wanted all actuations. (b) and (c) are identical. (d) on NRC wanted conditions for declaring inadvertent SI while audit wanted spurious SI and termination of SI.
Question 7.2 a, b, and c Point value 2.5, 1.5, 1.0		Totally different questions.

Attachment 1 Cont'd

Section 7 cont'd

Question 7.3 a, b, and c  
Point value 1.5, 1.0, 1.5

(a) similar but NRC ask for indirect methods to effect Rx trip. (b) similar SS or SRO. (c) identical.

Question 7.4 a, b, and c  
Point value 1.0, 1.0, 1.0

Totally different questions.

Question 7.5 a and b  
Point value 1.0, 1.0

Totally different questions.

Question 7.6 a, b, and c  
Point value 1.5, 1.0, 1.5

Identical. This is a typical question on NRC exams.

Question 7.7 a, b, c, and d  
Point value 2.0, 2.0, 1.0, 0.5

(a) and (b) different wording of standard (c) and (d) identical. This is a standard question on NRC exams.

Question 7.8  
Point value 1.0

Totally different question

Section 8 25 points

Question 8.1 a and b  
Point value 1.0, 2.0

(a) identical. (b) different question in that NRC requested one hour notification rather than 24 hours.

Question 8.2 a, b, and c  
Point value 1.0, 1.0, 1.0

(a) standard question but different situations. (b) identical standard question. (c) different wording standard question.

Question 8.3 a and b  
Point value 2.0, 2.0

(a) identical standard question. (b) significantly different wording of similar standard questions - See exam note on NRC exam answer key.

Question 8.4 a, b, and c  
Point value 2.0, 1.0, 0.5

(a) and (c) identical standard question. (b) totally different question.

Question 8.5  
Point value 1.5

Identical common question

Question 8.6 a and b  
Point value 2.0, --

(a) identical. (b) deleted as not appropriate for Ginna Station.

Question 8.7 1 and 2  
Point value 1.0, 1.0

Totally different question. This is a standard question.

Question 8.8 a and b  
Point value 2.0, 1.0

Totally different question.

Question 8.9  
Point value 2.0

Totally different question