

**NRC Initial Written Examination
Post-Examination Comments**

Applicant Level: ☐ RO ☒ SRO

Applicant Name: ☐ Meier ☐ Krakuszeski ☐ Michaud
 ☐ Deasy ☐ LeCuyer

Question Type: ☐ Common ☐ RO only ☒ SRO only

Question #: RO (enter number, if SRO only enter N/A)
 SRO 88 (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)

TS 3.1.3

Comment: (enter the comment below)

POST EXAM REVIEW / ANALYSIS

"CORRECT ANSWER IS C" NOT D

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 correct answer from "d" to "c"

Reference(s) to support change / clarification made to examination:

TS 3.1.3, C-18017-C

Justification for rejection of an applicant's comment:

N/A

Proctor: ☒ Change made in INK on the master examination copy

Paul Ballgand
Print Name

[Signature]
Signature

Date

Question #**SRO 88****Examination Outline
Cross-Reference****Level
Tier #
Group #
K/A #****Generic
2.1.23
4.0****Importance Rating****Ability to perform specific system and integrated plant procedures during different modes on plant operation.****Proposed Question:**

The plant is at 100% power. The following Emergency Cooling (EC) System components become inoperable:

- 0800 on July 1: 05-05, EC VENT TO TORUS BV 11 declared inoperable.
- 0800 on July 6: 05-07, EC VENT TO TORUS BV 12 declared inoperable.

ASSUME that these EC valves CANNOT be restored to operable status.

Which one of the following describes the LATEST time and date that the plant must be in Cold Shutdown?

- a. 1800 on July 6.
- b. 1800 on July 8.
- c. 1800 on July 15.
- d. 1800 on July 20.

Proposed Answer: *d.c.*

*error in typing EESTB 2/26/00
Circum AB 7/17/00*

Explanation (Justification of Distractors):

- a. Based on declaring both EC systems (not just the torus vents) inoperable at the designated times permitting 10 hours to be in Cold Shutdown.
- b. Based on declaring EC 11 system inoperable at 0800 on July 1 permitting 7 days to restore to operable status. If not restored within 7 days, then 10 hours is allowed to be on Cold Shutdown.

d.c. Based on the 30 days to restore the vent to operable status being changed to 14 days when the other vent is declared inoperable and applying the 14 days and then 10 hours to the time that EC 11 vent was declared inoperable.

Technical Reference(s): Technical Specification 3.1.3, d.1 and d.2

Proposed references to be provided to applicants during the examination:

Technical Specification 3.1.3 (ALL)

Learning Objective: 01-OPS-001-207-1-01, EO-3, EO-11

Question Source:	Bank No.
	Modified Bank #
	New New

Question History:	Previous NRC Exam
	Previous Test / Quiz

Question Cognitive Level:	Memory of Fundamental Knowledge	
	Comprehension or Analysis	2

10 CFR Part 55 Content: 45.2, 45.6
43.2

Comments: SRO only. Technical Specification application.