

NRC RESOLUTION OF FACILITY POST-ADMINISTRATION EXAMINATION COMMENTS

Question 2 (2 - reactor operator examination, 76 - senior operator examination)

The facility recommended changing the answer from B to D.

Resolution: Accepted. Answer changed to D.

Reason: The key in the question stem is who must give permission. Since by practice and as authorized by procedure in writing at the facility, both the control room supervisor and shift manager routinely perform the action in question, D is a correct response. The most correct answer would be the shift manager or acting shift manager, and since this is not a choice of answers, the applicant must realize that the control room supervisor is designated as acting shift manager. Answer B is not correct because the shift manager does not have to give permission, as this can be performed by any control room supervisor. All control room supervisors at the site are designated as acting shift manager and are, therefore, authorized to perform the action in question.

Question 10 (83 - senior operator ONLY examination)

The facility recommended accepting two answers, the original C and also D.

Resolution: Delete the Question.

Reason: None of the choices given are valid since each says “the breaker must be” which is not true for all breakers. The question stem needed to be more specific as to the type of breaker for the answer choices to be valid.

Question 16 (11 - reactor operator ONLY examination)

The facility recommended accepting two answers, the original B and C.

Resolution: No change. The correct answer is B

Reason: Procedure ARP-1 describes the use of annunciator response procedures and the exceptions allowed with respect to other procedures classified as reference use. Procedure SO-G-7 clearly designates the annunciator response procedures as reference use procedures. The stem asks for the classification for level of use, and the only correct answer is B.

Question 29 (22 - reactor operator examination, 100 - senior operator examination)

The facility recommended accepting two answers, the original B and D.

Resolution: Change the answer to D.

Reason: The question specifically asks for the flow that is required given the conditions in the stem. No other conditions in the stem are given that would require a diagnosis that safety

injection flow is not available. Attachment D of Procedure AOP-19 would then require that once-through cooling be established, which requires a minimum of 575 gpm. This is well beyond the capacity of all charging pumps, therefore, D is the only correct answer.

Question 56 (25 - senior operator ONLY examination)

The facility recommended accepting two answers, the original D and C.

Resolution: Delete the question.

Reason: Performance of venting of the generator to the turbine building roof is an important step that must be performed prior to lining up CO₂ to the generator for a purge. The CAUTION statement on page 12 of Procedure AOP-06 states, that, "CO₂ pressure in excess of seal oil pressure may cause damage to generator seals." Answer C, which supplies hydrogen to the generator without venting, could cause a pressure increase to the point of generator seal damage. Answer D is technically correct, however, performance of CO₂ purge is the next and also an important step to inert the generator. Knowledge of the caution that is given deep in this abnormal operating procedure concerning potential damage to generator seals is required to differentiate between choices C and D. This is considered too detailed a knowledge to be recalled from memory and the question is deleted.

Question 92 (72 - reactor operator ONLY examination)

Resolution: Delete the question.

Reason: The facility has established that enough ambiguity exists in the term "positive deviation," such that it is not clear that this would be interpreted as intended, which was a deflection of the deviation meter to the right of 0. Both answers are not accepted since one answer cues the other as being correct, regardless of the assumption made in the stem.

Question 112 (89 - reactor operator examination, 65 - senior operator examination)

The facility recommended accepting two answers, the original C and A.

Resolution: No change. The correct answer is C.

Reason: The answer is technically correct as given. The technical manual contains a cautionary statement that startup of a Nash gas compressor that has a high water level may cause severe damage to the compressor, however, the question does not refer to starting of a compressor. The caution in Procedure OI-WDG-1 also does not clearly support tripping of the waste gas compressor for high water level. The operators use the annunciator response procedures to respond to these indications, and answer C is clearly supported by the annunciator response procedure. Answer "A" is not directed by procedure nor clearly justified in the technical manual or the operating instruction.