

2CAN021101

February 7th, 2011

Mr. Gabriel Apger, Chief Examiner
U.S. Nuclear Regulatory Commission
612 E. Lamar Blvd., Suite 400
Arlington, TX 7601-4125

SUBJECT: INITIAL EXAMINATION – Transmittal of as given examination materials including post examination analysis and comments for ANO, Unit 2 (CE)
Docket Number 50-368
License No. NPF-6

Dear Mr. Apger,

Included are the as given Examination Materials for the Arkansas Nuclear One Unit 2 Initial Examination given during January/February 2011. The hard copy materials include the clean copy of the applicants answer sheet, the written exam answer key, the graded written examination cover sheets along with the original applicant answer sheets, the written exam analysis with comments for any questions missed by more than half the applicants, the questions asked by the applicants during the written examination along with the response by the proctor and the written examination seating chart. There were no substantive comments made by the applicants during the written and operating exam debrief.

The electronic files submitted with this package include the as given written and operating exams. The master written exam with key, updated data sheets and the original outlines are included also. There were no answer key changes or deletions on the examination.

The original completed security agreement (three pages) is also included.

We request that the written exam be withheld from public disclosure for two years following completion of the exam.

Please call me at 479/858-6879 if you have any questions.

Sincerely,



Clay M. Simpson
Facility Representative
Superintendent, ANO-2 Operations Training

Attachments

cc w/o attachment: K. Jones B. Coble
S. Cotton D. Lacy
J. Luther J. Wright
R. Martin Licensing
R. Byford ANO-DCC

2011 Initial RO/SRO Exam Analysis Comments

<i>Exam Q#</i>	<i>Bank QID</i>	<i>Comment:</i>
35	1744	<p>Question had a 54.6% (6/11) failure rate. 1 out of 11 applicants had a question logged for this QID during the exam. He asked if the break on CCW pump 2P-33C was upstream or downstream of the discharge check valve. The last bullet in the stem was read to him. Then he provided distracter 'C' as his answer. Distracter 'C' is incorrect because CCW Pump 2P-33A does not have an automatic start interlock. All of the other applicants that missed this question picked distracter 'A' as their answer. Distracter A is incorrect because CCW Pump 2P-33C does not have an automatic trip interlock on low discharge pressure. Answer 'B' is correct because CCW Pump 'B' does have an automatic start interlock on low discharge pressure of \leq than 88 psig for $>$ 10 seconds.</p> <p>Recommend leaving question as written and remediating the applicants on this question during the written exam debrief. No changes to this exam will be made based on this question. TEAR ANO-2011-59 has been generated to evaluate adequate ILO classroom training on deficiencies identified on the Unit 2 2011 NRC written exam.</p>
55	1764	<p>Question had a 54.6% (6/11) failure rate. There were no applicant comments logged for this question during the exam. Answer 'D' is the correct action to take based on a limit and precaution guidance in the operating procedure to keep Containment pressure between 13.9 and 14.2 psia to ensure a cushion to the T.S. limit should a loss of Main Chill water occur. All the applicants that missed this question picked distracter 'C' which incorrect because an action needs to be taken to restore the Containment pressure to within the normal operating limits.</p> <p>Recommend leaving question as written and remediating the applicants on this question during the written exam debrief. No changes to this exam will be made based on this question. TEAR ANO-2011-59 has been generated to evaluate adequate ILO classroom training on deficiencies identified on the Unit 2 2011 NRC written exam.</p>
88	1797	<p>Question had a 50% (3/6) failure rate. There were no applicant comments logged for this question during the exam. Answer 'A' is the correct action to take based on the ACA guidance for 2K10 A2 which requires an immediate reduction in power to less than the license limit if power is greater than the license limit + 1% ($>$101% power). Distracter 'B' was chosen by all the applicants that missed this question however this is incorrect but would be the correct action to take per the ACA guidance should power rise to between 100% and 101% power</p> <p>Recommend leaving question as written and remediating the applicants on this question during the written exam debrief. No changes to this exam will be made based on this question. TEAR ANO-2011-59 has been generated to evaluate adequate ILO classroom training on deficiencies identified on the Unit 2 2011 NRC written exam.</p>

