

1.5.1

# WOLF CREEK

NUCLEAR OPERATING CORPORATION

Matthew W. Sunseri  
Vice President Operations and Plant Manager

November 8, 2007

WO 07-0026

E. E. Collins, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011-4005

Subject: Docket 50-482: Reactor Operator and Senior Reactor Operator License  
Examination Post-Examination Review

Dear Mr. Collins,

Pursuant with NUREG-1021, Revision 9, Supplement 1, "Operator Licensing Examination Standards for Power Reactors," Section ES-402, Administering Initial Written Examinations, Wolf Creek Nuclear Operating Corporation (WCNOC) is requesting a post-examination review.

WCNOC administered a NRC approved Initial License Written Examination on October 26, 2007. Following the examination, a review was conducted for questions with a high miss rate. Five questions were identified that were answered incorrectly by 50% or more of the class. Four of the questions were determined to be valid and no comment is required. One question, Question #3, was identified as having two correct answers.

The answer key identified B as the correct answer to Question #3. Each candidate answered D, which was also determined to be correct per WCNOC Procedure, AP 15C-003, "Procedure User's Guide for Abnormal Plant Conditions." It is requested that both Answers B and D be accepted as correct answers for Question #3.

A copy of the procedure and comment was provided to the NRC Chief Examiner on November 2, 2007.

If you have any questions concerning this matter, please contact me at (620) 364-4008, or Mr. Kevin Moles at (620) 364-4126.

Sincerely,



Matthew W. Sunseri

MWS/rlt

cc: J. N. Donohew (NRC)  
V. G. Gaddy (NRC)  
A. T. Gody, Jr. (NRC)  
T. O. McKernon (NRC)  
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## **Evaluation of candidate performance on Wolf Creek NRC Initial License Written Examination**

The 2007 Initial License NRC written examination was conducted on 10/26/07. At the conclusion of the examination WCGS personnel did an initial grading. This evaluation identified five questions that were missed by 50% or more of the candidates.

All eight candidates missed examination question #3. This question was researched and it was identified that there were two correct answers to this question. The answer key identified the correct answer as B, which was verified to be a correct answer. Additionally, answer D which was the answer chosen by all eight candidates, was identified as correct per AP 15C-003, "Procedure Users Guide For Abnormal Plant Conditions" (reference attached). It was determined that two answers should be accepted as correct (B & D).

Question #6 was missed by five of eight candidates. This question was researched and it was determined that the question and answer were valid. No additional correct responses were identified. This was determined to be a knowledge deficiency on the part of the individual candidates. Remediation was conducted on 11/2/07.

Question #40 was missed by four of eight candidates. This question was researched and it was determined that the question and answer were valid. No additional correct responses were identified. This was determined to be a knowledge deficiency on the part of the individual candidates. Remediation was conducted on 11/2/07.

Question #58 was missed by five of eight candidates. This question was researched and it was determined that the question and answer were valid. No additional correct responses were identified. This was determined to be a knowledge deficiency on the part of the individual candidates. Remediation was conducted on 11/2/07.

Question #61 was missed by four of eight candidates. This question was researched and it was determined that the question and answer were valid. No additional correct responses were identified. This was determined to be a knowledge deficiency on the part of the individual candidates. Remediation was conducted on 11/2/07.

Charles M. Dunbar  
WCGS Exam Author

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|---------------|---|---------------|
| Revision: 16  | PROCEDURE USER'S GUIDE FOR ABNORMAL<br>PLANT CONDITIONS | AP 15C-003    |
| Reference Use |   | Page 25 of 36 |

2. The Control Room, Technical Support Center and simulator EMG binders shall have each EMG procedure annotated by a tab or other means containing the procedure number. [3.2.2]

6.11.3 Pages with steps in progress, continuous action steps and step in effect when transitioning can be marked with one of the following:

1. Boot laces attached to the procedure binder
2. Self-stick removable notes

#### 6.12 Critical Safety Functions

6.12.1 Critical safety functions are monitored to ensure that fission product barriers are maintained.

6.12.2 Challenges to these barriers are evaluated using special logic diagrams called status trees.

1. The official status trees are located in EMG F-0, CRITICAL SAFETY FUNCTION STATUS TREES (CSFST), as figures.
2. If status trees monitoring by the plant computer agrees with the results of manual monitoring using EMG F-0, CRITICAL SAFETY FUNCTION STATUS TREES (CSFST), status trees may be automatically evaluated by the plant computer.
3. If any parameter on a plant computer status tree is identified as "Invalid parameter", the associated status tree shall be manually monitored using EMG F-0, CRITICAL SAFETY FUNCTION STATUS TREES (CSFST).

6.12.3 The six critical safety functions are evaluated in the following order of priority:

1. Subcriticality (S)
2. Core Cooling (C)
3. Heat Sink (H)
4. Integrity (P)
5. Containment (Z)
6. Inventory (I)