



10CFR 55

W3F1-2010-0077

October 19, 2010

Mr. Elmo E. Collins, Jr.  
U.S. Nuclear Regulatory Commission  
Region IV  
612 E. Lamar Blvd., Suite 400  
Arlington, TX 76011-4125

Subject: Operator Initial License Examination Post Examination Materials  
Waterford Steam Electric Station, Unit 3 (Waterford 3)  
Docket No. 50-382  
License No. NPF-38

Dear Mr. Collins:

In accordance with guidance provided in NUREG-1021, ES-501, "Initial Post-Examination Activities," Entergy hereby submits post examination materials from the NRC initial license examination administered at Waterford 3 on October 13, 2010. The enclosed materials include the following:

- Applicant examination cover sheets and graded answer sheets.
- Clean copies of the applicants answer sheets.
- Written examination and key.
- Written examination seating chart.
- ES-403-1 written examination grading quality checklist.
- Written examination performance analysis.
- Original Form(s) ES-201-3, "Examination Security Agreement," with a pre- and post-examination signature by every individual who had detailed knowledge of any part of the examination before it was administered.

INCLUDED  
IN THIS  
FILE

No substantive comments were made by the applicants regarding the written exam. There were no questions asked by the applicants and no exam changes are recommended.

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There are no new commitments contained in this submittal.

If you have any questions pertaining to the contents of the enclosure, please contact John Signorelli at (504) 739-6032. For any questions or concerns pertaining to regulatory compliance, please contact William Steelman, acting Manager Licensing at (504) 739-6685.

Sincerely,

A handwritten signature in cursive script, appearing to read "Mark Schaible (acting)".

Mark Schaible  
Manager, Training & Development

MS /JDW/JVS

Enclosures:

Operator Initial License Examination Post Examination Materials

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(w/o Enclosures)  
cc: U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555-0001

NRC Senior Resident Inspector  
Waterford Steam Electric Station Unit 3  
P.O. Box 822  
Killona, LA 70066-0751

U. S. Nuclear Regulatory Commission  
Attn: Mr. N. Kalyanam  
Mail Stop O-8 E9  
Rockville, MD 20852  
Kaly.Kalyanam@nrc.gov

There were 5 questions on the RO section of the exam missed by 50% or greater. All questions were verified to be technically correct; no distractors in any of these questions are correct. No changes to exam are recommended as a result of this review. All Waterford training material adequately addresses these topics. No changes are necessary. All of the items listed were reviewed with the applicants in a post exam review.

#### RO Question 12

This question required the applicants to evaluate the performance of an emergency diesel generator with a SIAS and no loss of off site power. In this case, the EDG output breaker will open. Both applicants that missed the question chose a distractor that listed the breaker staying closed.

#### RO Question 41

This question required the applicants to identify the number of containment isolation valves that isolated a Letdown System leak. The correct number was 2; all 3 incorrect applicants chose 3.

#### RO Question 55

This question required the applicants to identify the level at which the Emergency Feedwater Pump would start to cavitate on low Condensate Storage Pool level. The incorrect applicants choose various incorrect levels.

#### RO Question 61

This question required the applicants to identify which listed safety function condition would require entry into the functional recovery procedure. All of the distractors were verified to be allowable conditions for the LOCA procedure. The incorrect applicants choose various incorrect conditions.

#### RO Question 66

This question required the applicants to identify when movement of irradiated fuel could commence after the start of an outage. The information was contained in a Tech Spec that has a less than 1 hour action.

There were 2 questions on the SRO section of the exam missed by 50% or greater. All questions were verified to be technically correct; no distractors in either of these questions are correct. No changes to exam are recommended as a result of this review. All Waterford training material adequately addresses these topics. No changes are necessary. All of the items listed were reviewed with the applicants in a post exam review.

#### SRO Question 17

This question required the applicants to identify the location of a fire in the Isolation Panels and the necessary actions. The applicants choose incorrect answers associated with evacuation of the Control Room, which is not appropriate for a fire in the isolation panels.

#### SRO Question 21

This question required the applicants to identify the Tech Spec and the bases behind a loss of both Ultimate Heat Sinks. Tech Spec 3.7.4 has an action that addresses this condition. Both incorrect applicants choose to enter Tech Spec 3.0.3 vice Tech Spec 3.7.4.