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April 13, 2010

U.S. NRC Region II
Mr. Malcolm T. Widmann, Chief
Operator Licensing Branch
Marquis One Tower
245 Peachtree Center Ave., NE Suite 1200
Atlanta, Georgia 30303-1257

Re: **OCONEE NUCLEAR STATION**
Post examination submittal

Dear Mr. Widmann:

The Oconee Initial License Operating Examination was administered the week of March 29, 2010 and the Written Examination was administered on April 7, 2010. We are enclosing the following as required by ES-501 of NUREG 1021, Operator Licensing Examination Standards for Power Reactors.

1. Each applicant's original answer and examination cover sheets plus two clean copies of each applicant's answer sheet
2. The master examinations and answer keys
3. Questions asked by and answers given to the applicants during the written examination
4. Written examination seating chart
5. Written examination performance analysis

We are also providing three post-exam comments on the operating exam for your review. We have no post-exam comments on the written examination.

If you require any additional information, or have any questions, please contact Cliff Witherspoon at (864) 873-4330, or Gabriel Washburn at (864) 873-4490.

Sincerely,

Dave Baxter,
Site Vice President

Attachment: Three Post-Exam Comments on the Operating Exam

Attachment
Three Post-Exam Comments on the Operating Exam

(1) Control Room JPM: CRO-108 (Perform Reactor Manual Trip Test)

STEP 11: Step 12.1.2K
Depress and Hold REACTOR TRIP pushbutton.

STANDARD: Depress and Hold REACTOR TRIP pushbutton located on UB1.

This step is identified as a "CRITICAL STEP".

COMMENT

Depressing the REACTOR TRIP pushbutton is required to perform the test and meet the acceptance criteria.

PT/1/A/0305/001 Reactor Manual Trip Test acceptance criteria states:
"All CRD breakers open when Reactor Trip pushbutton depressed"

CRD breakers opening as required were accomplished in all observed cases of JPM administration. The specific hold period as indicated in the procedure step is to ensure the computer SPDS points update. The computer points updating are not part of the test acceptance criteria and are not required for operability of the CRD breakers and trip subsystem. This was verified with an on-shift Shift Technical Advisor and Operations Management.

Were the reactor manual trip pushbutton to be depressed but not held during actual plant performance of the test, the test would be evaluated as "acceptance criteria met" and the hold issue would be categorized as a procedure use issue and a PIP initiated to document.

After discussions with the Operations Superintendent, PIP O-10-2309 was written to evaluate adding a note to the procedure prior to the step providing explanation on the specific desire to hold the pushbutton to ensure the computer points update.

RECOMMENDATION

The second part of the step (Hold REACTOR TRIP pushbutton) and the step to release the reactor trip pushbutton should NOT be identified as critical.

DOCUMENTATION (attached)

JPM CRO-108 (Perform Reactor Manual Trip Test)

Attachment
Three Post-Exam Comments on the Operating Exam

(2) Administrative JPM: Admin-402 (Perform Actions for Medical Emergency)

- STEP 14:** Step 1.8
IF Hospital evacuation is needed as determined by MERT Command or as indicated by Step 1.8.1,
THEN Arrange transport of patient to the hospital by one of the following means:
- EMS (ambulance)
Dial 9-911 from the Operations Shift Manager's phone or Unit 1 Control Room SRO's phone or dial 911 from the bell South line – Unit 1, 2, and 3 Control Rooms. Refer to Step 1.8.2, prior to requesting EMS.
 - Company vehicle (less serious injury)
 - Personal vehicle (less serious injury)

Cue: This will have to be simulated only since simulator phones do not model outside lines.

STANDARD: Determine that a Hospital evacuation is required due to the person being unconscious. Ambulance is requested by calling 9-911. Ambulance is requested to come to Oconee Nuclear Station.

This step is identified as a "CRITICAL STEP".

COMMENT

During administration of this JPM, one candidate completed this step by calling security and requesting that they call for the ambulance. During performance of this task in the plant the RO would often delegate other people to assist in completing steps of this procedure. This would be done to expedite getting the injured person help. Ensuring that an ambulance is called is the critical part of this step.

RECOMMENDATION

Delegating calling the ambulance to another person is an acceptable method to complete this step.

DOCUMENTATION (attached)

Administrative JPM: Admin-402 (Perform Actions for Medical Emergency)

Attachment
Three Post-Exam Comments on the Operating Exam

(3) Administrative JPM: Admin-402 (Perform Actions for Medical Emergency)

- STEP 7: Step 1.5.1
Use the following directions to activate radios and pagers encoded to the MERT alert tones:
1. Press the "GREEN" button labeled "MERT" on the paging console
 2. Press the "RED" Button labeled "transmit" on the right bottom of the console and wait approximately 3 seconds.
 3. Pick up telephone "handset" on console and press the lever located inside the handset
 4. Transmit message

STANDARD: Locate paging console in the OSM booth in the simulator.

Cue: Inform candidate that the screen at the top of the phone is illuminated and contains the word "Operations"

Press the "GREEN" button labeled "MERT" on the paging console

Cue: Inform candidate that upper light to the left of the green MERT key illuminates green when the MERT button is depressed.

Press the "RED" Button labeled "transmit" on the right bottom of the console and wait approximately 3 seconds.

Cue: Inform candidate that light above the TRANSMIT key illuminates red and a "warble tone" is heard when the TRANSMIT button is depressed.

Pick up telephone "handset" on console and press the lever located inside the handset
Transmit message

This step is identified as a "CRITICAL STEP".

COMMENT

During administration of this JPM, the candidates indicated that they were not familiar with the "warble tone" when the TRANSMIT button was depressed. This examiner cue was added based on feedback during the validation of this JPM. It was intended to give the candidate feedback on actions they were taking. It was not intended to be part of the critical step. The critical part of the step is depressing the transmit button. Verification of the audible feedback is not required for completion of the step.

RECOMMENDATION

Knowledge of the warble tone should NOT be considered when determining completion of this critical step.

DOCUMENTATION (attached)

Administrative JPM: Admin-402 (Perform Actions for Medical Emergency)