

Post-Examination Comments

(Green Paper)

CRYSTAL RIVER OCTOBER 2005 EXAM

05000302/2005301

**SEPTEMBER 12 - 16, 2005
SEPTEMBER 19, 2005 (WRITTEN)**

Licensee Submitted Post-Examination Comments

☒ Attached

☐ None



September 21, 2005
TRX05-0062

Mr. James H. Moorman, III
USNRC / Region II
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW, Suite 23T85
Atlanta, GA 30303-8931

Subject: Crystal River 2005 SRO & RO Post-Exam Comments

Mr. Moorman:

Following performance of Administrative JPM, titled "Calculate SDM with a Misaligned Control Rod", one candidate used a Xenon value of 0.0% $\Delta k/k$ to perform his calculation instead of -2.48% $\Delta k/k$, the value provided on the Candidate Cue sheet. His final SDM calculation of approximately +3.15% $\Delta k/k$ differs from the value of approximately +0.7% $\Delta k/k$ provided in the key.

Further review of SP-421, Reactivity Balance Calculations, reveals that when calculating Shutdown Margin it is acceptable to use either the given Xenon value or a value of 0.0%.

Specifically, the procedure states the following in Note 6 of Enclosure 1B: Using a Xenon value of 0.0% $\Delta k/k$ is conservative and may be used at any time.

Based on this information we request that both calculation values be accepted as correct for this JPM.

Any questions concerning this post-exam comment may be addressed to Mark Van Sicklen, 352-795-0504, ext. 6471 or Alan Kennedy, ext. 6129.

Sincerely,

A handwritten signature in cursive script that reads "Ron Davis".

Ron Davis
Manager, Nuclear Operations Training

xc: Mr. Gerry Laska, Region II

2005 NRC Written Exam

9-19-05

Student questions and proctor clarifications given during exam

RO Exam 038EA2.08

Changed "used until" to "in effect when"

The students needed a time line for the event.

SRO Exam 026G2.2.23

Changed "TS 3.0.3 again" to "Condition B of TS 3.6.6"

Student did not believe entry into LCO 3.0.3 would be required.

Answer remained the same each question.