

FACILITY POST-EXAMINATION COMMENTS

FOR THE DRESDEN INITIAL EXAMINATION - FEBRUARY 2006

Exelon Generation Company, LLC
Dresden Nuclear Power Station
6500 North Dresden Road
Morris, IL 60450-9765

www.exeloncorp.com

February 17, 2006

SVPLTR # 06-0012

Attention: NRC Region III Administrator
2443 Warrenville Road
Suite 210
Lisle, IL 60532-4352

Dresden Nuclear Power Station, Units 2 and 3
Renewed Facility Operating License Nos. DPR-19 and DPR-25
Docket Nos. 50-237 and 50-249

Subject: Submittal of Post 2006 Dresden Initial License Examination Comments

Enclosed are the post examination comments for the 2006 Dresden Initial License Examination.

This submittal includes comments on 10 questions. It is our recommendation that one question be removed from the exam and one other question corrected to reflect a different correct answer from the original submittal. In addition to the recommendations, eight questions were reviewed per Exelon procedure TQ-AA-210-5108, Post Examination Test Item Analysis, due to 3 or more candidates missing those questions. Those questions were found to be acceptable as written.

Should you have any questions concerning this matter, please contact Mr. Pedro Salas, Regulatory Assurance Manager at (815) 416-2800.

Respectfully,

 *Danny G. Bost*

Danny G. Bost
Site Vice President
Dresden Nuclear Power Station

Enclosures: (Hand Delivered to Chuck Phillips, Chief Examiner, NRC Region III)
Dresden ILT 05-1 NRC Post-exam Review

cc: (without attachment)
Chief, NRC Operator Licensing Branch
NRC Senior Resident Inspector – Dresden Station

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Dresden ILT 05-1 NRC Post-exam Review

#08: Answer: B

References: LPCI System Lesson Plan DRE203LN001, and DOP 1500-03 Containment Spray Cooling Mode of Low Pressure Coolant Injection Systems.

Change correct answer from B to A due to original answer being incorrect. The original question was written with the premise that the LPCI initiation was a seal-in logic. The original conditions have drywell pressure at +5 psig. When conditions change and drywell pressure drops to +1 psig, a valid LPCI initiation signal is no longer present, so the spray valves will not close automatically. This would make A the correct answer. (See enclosed electrical prints)

#73: Answer: C

References: UFSAR section 15.2.4.1 Inadvertent MSIV Closure with Direct Scram, Core and System Performance.

Remove the question from the exam as none of the four possible answers reflects the current value. The original question was written using the UFSAR Rev. 3 for Dresden Station, Section 15.2.4.1.3. The correct answer per this document is 1144 psig. During exam review it was discovered that General Electric had performed a new analysis, Extended Power Uprate. Per GE-NE-A22-00103-10-01 Dresden and Quad Cities Extended Power Uprate table 3-2 Peak Steam Dome Pressure for the conditions given would be 1140.6 psig. This was not one of the possible answers for the candidates. (See enclosed documents)

Additional questions subject to review

Per Exelon Standard Procedure TQ-AA-210-5108, Post Examination Test Item Analysis, questions missed by three or more trainees require analysis. The questions were reviewed for the following four criteria:

1. Review each question to ensure it is worded clearly and is not ambiguous. Ensure that it is properly constructed.
2. Review each question to ensure that it ties properly to the learning objectives' condition, performance, and standard.
3. Review each question to ensure that it is technically accurate.
4. Review each question to ensure that adequate material was presented to allow for achievement of the associated learning objective.

Question numbers 3, 33, 44, 61, 87, 95, 98, and 99 were reviewed against these standards and found to be acceptable as written. No further action is required.

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