

PMVictoriaESPPEm Resource

From: Govan, Tekia
Sent: Thursday, August 18, 2011 4:02 PM
To: 'david.distel@exeloncorp.com'
Cc: VictoriaESP Resource
Subject: DRAFT RAI 5956
Attachments: RAI 5956.doc

David:

Please find attached the draft RAI for section 11.3. Please let me know by 8/25 if you need a conference call related this RAI before we formally issue.

Tekia

Tekia V. Govan, Project Manager
U.S. Nuclear Regulatory Commission
Office of New Reactors
MS T-6-D48
Washington DC 20555-0001
301-415-6197
Tekia.Govan@nrc.gov

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Recipients:

"VictoriaESP Resource" <VictoriaESP.Resource@nrc.gov>

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"david.distel@exeloncorp.com" <david.distel@exeloncorp.com>

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Victoria County Station ESP
Exelon Texas
Docket No. 52-042
SRP Section: 11.03 - Gaseous Waste Management System
Application Section: 11.3

QUESTIONS for Health Physics Branch (CHPB)

11.03-***

During the staff's independent verification of SSAR Table 11.3.3-5, the staff reviewed the calculated values, comparing the staff's values to Table 11.3.3-5. The staff generated version of Table 11.3.3-5 identified values 2-3 times higher than what is presented by the applicant's Table 11.3.3-5. The differences in this table also results in changes in the results for the staff's version of Table 11.3.3-6 and Table 11.3.3-7.

In comparing the dose objectives of 10 CFR 50 Appendix I, the staff calculated values for Table 11.3.3-6 that do not meet the dose objectives for skin and total body dose at the site boundary. Comparison of the results for Table 11.3.3-7 also shows a significant difference in the value obtained for Total Body Dose.

Upon comparison of the inputs provided in the Response to Request for Additional Information Letter No. 10 dated June 23, 2011, and what is referenced in the application for the inputs into GASPAR, there is a discrepancy (difference) over the values used for the XOQ and DOQ values for the MEI calculations, Table 2.3.5-8. When compared, the results of Table 11.3.3-6 dose to the skin's value either falls below the limits using data from the RAI response, or above of the limits using data provided in the Victoria County ESP application. This difference in XOQ and DOQ values result in differences between the External and Inhalation Dose Pathways in the staff generated version of Table 11.3.3-5 and the applicants Table 11.3.3-5 which is used as a source of data for Tables 11.3.3-6 and 11.3.3-7.

Please verify values described in the SSAR and explain the difference between the XOQ and DOQ values used. Please revise SSAR and affected tables to correct values or explain the differences.