PMSTPCOL NPEmails

From: Eudy, Michael
Sent: Thursday, September 17, 2009 5:31 PM
To: Stephens, Scot
Cc: Wunder, George; Williams, Stephen; STPCOL
Subject: Revised STP Chp 12 Draft RAI 3586
Attachments: RAI 3586(rev1).doc

Importance: High

Scot,

We have revised the above Chapter 12 RAI accordingly. Please review and lets set up a telecon to discuss as soon as possible. Thanks.

Michael A. Eudy - Project Manager
U.S. Nuclear Regulatory Commission
NRO/DNRL/NGE1&2
301-415-3104

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From: Eudy, Michael

Created By: Michael.Eudy@nrc.gov

Recipients:
"Wunder, George" <George.Wunder@nrc.gov>
Tracking Status: None
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Request for Additional Information No. 3586 Revision 2

9/8/2009

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 12.02 - Radiation Sources
Application Section: FSAR Section 12.2

QUESTIONS for Health Physics Branch (CHPB)

12.02-8

FSAR Section 12.2.2.5 Liquid Releases addresses COL License Information Item 12.5. This section states that STP has re-performed the liquid dose analysis using site-specific parameters to determine conformance with 10CFR 20 and 10CFR50 Appendix I (See Subsection 12.2.3 for COL license information), concluding that the identified limits are not exceeded.

FSAR Section 12.2.3.1 Compliance withe 10CFR20 and 10CFR50 Appendix I, states, Using site-specific parameters, the average annual liquid releases and the average annual airborne releases to the environment have been computed and are shown in Tables 12.2-20 through 12.2-23.

Staff review has determined that insufficient site-specific parameters are provided to independently confirm the calculated liquid effluent doses with respect to the dose objectives of Appendix I to 10 CFR 50, and the dose limits in 10 CFR 20.
In order to address RG 1.206 sections C.I.11.2.1 and C.I.11.2.3, the staff requests that the applicant address the following items and revise their FSAR accordingly:

1.) A complete description of how the applicant derived all the values, including all assumptions made;

2.) Citations to any reference material used (for documents not publicly available, please provide a copy for the NRC staff's use).

3.) A detailed breakdown of individual doses and MEI doses by pathway and organ; and

4.) A detailed breakdown of population doses by pathway and organ.

5.) Provide the basis for all parameters and values used in the LADTAP II code or equivalent.