

PMSTPCOL PEmails

From: Eudy, Michael
Sent: Tuesday, December 08, 2009 5:46 PM
To: Stephens, Scot
Cc: STPCOL
Subject: FW: New STP Chp 12 RAI
Attachments: RAI 4078.doc

Importance: High

From: Eudy, Michael
Sent: Wednesday, December 02, 2009 11:29 AM
To: 'Stephens, Scot'
Cc: STPCOL
Subject: New STP Chp 12 RAI
Importance: High

Scot,

Please review the following new RAI and let me know if you need a teleconference to discuss. Thank you.

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

Hearing Identifier: SouthTexas34Public_EX
Email Number: 1881

Mail Envelope Properties (9E28710E0B702149AEC66397286364401AA89AD38E)

Subject: FW: New STP Chp 12 RAI
Sent Date: 12/8/2009 5:46:11 PM
Received Date: 12/8/2009 5:46:13 PM
From: Eudy, Michael

Created By: Michael.Eudy@nrc.gov

Recipients:
"STPCOL" <STP.COL@nrc.gov>
Tracking Status: None
"Stephens, Scot" <scstephens@STPEGS.COM>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	410	12/8/2009 5:46:13 PM
RAI 4078.doc	31226	

Options
Priority: High
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

Request for Additional Information No. 4078 Revision 3

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 12.03-12.04 - Radiation Protection Design Features
Application Section: 12.3

QUESTIONS for Health Physics Branch (CHPB)

12.03-12.04-***

In the response to RAI 12.03-12.04-10 (Letter U7-C-STP-NRC-090186, ADAMS Document Number ML093030296), STP provided additional information concerning radiation shielding computer codes utilized in performing confirmatory shielding calculations and information about the DIJESTER code used to calculate equipment and component radioactive source terms in the radwaste systems. STP also provided a markup of a proposed FSAR revision to be included in a future COL update. However, no information was included in the proposed revision concerning the purpose and use of the DIJESTER computer code in calculating the radwaste system source term(s), which in turn are used as inputs to radiation shielding calculations.

Accordingly, the staff requests that the applicant provide the following additional information concerning the DIJESTER computer code being utilized by STP and their subcontractors to support the STP COLA:

1. Revise the STP 3 & 4 FSAR to include a basic description of the DIJESTER computer code and describe how, and for what locations, it is being used to support STP 3 & 4 shielding and dose rate calculations
2. Identify any restrictions or limitations of the DIJESTER code.
3. Provide a markup of the proposed FSAR revision in the response.