PMSTPCOL NPEmails

From: Tekia Govan
Sent: Friday, October 17, 2008 4:07 PM
To: 'Bense, Richard'
Cc: STPCOL
Subject: Draft RAIs 1459 and 1460 for review
Attachments: RAI 1459.doc; RAI 1460.doc

Dick,

Please review the attached RAIs. If you feel we need a conference call to clarify the requested information, please contact me. If a conference call is not needed I will continue the formal process of issuing the RAIs to STPNOC.

Thanks

Tekia V. Govan, Project Manager
U.S. Nuclear Regulatory Commission
Office of New Reactors
MS T-7-F29
Washington DC 20555-0001
301-415-6197
Tekia.Govan@nrc.gov

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From: Tekia Govan

Created By: Tekia.Govan@nrc.gov

Recipients:
"STPCOL" <STP.COL@nrc.gov>
Tracking Status: None
"'Bense, Richard'" <rhbense@STPEGS.COM>
Tracking Status: None

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RAI 1459.doc	30202	
RAI 1460.doc	31226	

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Request for Additional Information No. 1459 Revision 2

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 02.03.01 - Regional Climatology
Application Section: FSAR 2.3S.1

QUESTIONS for Siting and Accident Conseq Branch (RSAC)

02.03.01-***

Revise FSAR Section 2.3S.1 to identify the normal winter precipitation event, the extreme frozen winter precipitation event, and extreme liquid winter precipitation event as site characteristics in accordance with the Proposed Interim Staff Guidance (ISG) DC/COL-ISG-07, "Interim Staff Guidance on Assessment of Normal and Extreme Winter Precipitation Loads on the Roofs of Seismic Category I Structures" (ML081990438), or justify an alternative approach. Provide a basis discussion in FSAR Section 2.3S.1 for the chosen site characteristic values.

Request for Additional Information No. 1460 Revision 2

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 02.03.02 - Local Meteorology
Application Section: FSAR Section 2.3S.2

QUESTIONS for Siting and Accident Conseq Branch (RSAC)

02.03.02-***

This question is related to the applicant's response to RAI 02.03.02-1.

Revise the FSAR to describe the potential impacts of the main cooling reservoir (MCR) and the reactor service water (RSW) system on plant design and operation. For example, address the effects of local increases in ambient temperature, moisture content, and moisture and salt deposition on electrical transmission lines, electrical equipment (including transformers and switchyard), and heating, ventilation and air conditioning (HVAC) intakes. The response to this question should reflect the ultimate heat sink design modification presented in Revision 2 of the COL application.

02.03.02-***

This question is related to the applicant's response to RAI 02.03.02-2.

Describe the assumptions and provide a copy of the input files (e.g., prep.usr, mult.usr, table.usr, met data file) and resulting output files used to execute the Seasonal/Annual Cooling Tower Impact (SACTI) computer code for estimating the impacts from fogging, icing, and drift deposition from the operation of the reactor service water (RWS) system mechanical draft cooling towers. The response to this question should reflect the ultimate heat sink design modification presented in Revision 2 of the COL application.