

PMSTPCOL PEmails

From: Joseph, Stacy
Sent: Tuesday, August 31, 2010 2:34 PM
To: 'jetomkins@stpegs.com'
Cc: STPCOL
Subject: FW: Request for Additional Information Letter No. 359 Related To SRP Section 04.04 For the South Texas Project Combined License Application
Attachments: ML102430123.pdf

From: Keith, Felicia
Sent: Tuesday, August 31, 2010 2:33 PM
To: 'leelton@stpegs.com'; 'Chappell, Coley'; Scott Head; Bill Mookhoek
Cc: Govan, Tekia; Joseph, Stacy
Subject: Request for Additional Information Letter No. 359 Related To SRP Section 04.04 For the South Texas Project Combined License Application

TO: Scott Head

FROM: Tekia Govan/Stacy Joseph

DATE: August 31, 2010

ADAMS Accession No. ML102430123

Hearing Identifier: SouthTexas34Public_EX
Email Number: 2374

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Subject: FW: Request for Additional Information Letter No. 359 Related To SRP Section 04.04 For the South Texas Project Combined License Application
Sent Date: 8/31/2010 2:34:07 PM
Received Date: 8/31/2010 2:34:08 PM
From: Joseph, Stacy

Created By: Stacy.Joseph@nrc.gov

Recipients:
"STPCOL" <STP.COL@nrc.gov>
Tracking Status: None
"jetomkins@stpegs.com" <jetomkins@stpegs.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	460	8/31/2010 2:34:08 PM
ML102430123.pdf	91300	

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

August 31, 2010

Mr. Scott Head, Manager
Regulatory Affairs
STP Nuclear Operating Company
P. O. Box 289
Wadsworth, TX 77483

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 359 RELATED TO
SRP SECTION 04.04 FOR THE SOUTH TEXAS PROJECT COMBINED
LICENSE APPLICATION

Dear Mr. Head:

By letter dated September 20, 2007, STP Nuclear Operating Company (STP) submitted for approval a combined license application pursuant to 10 CFR Part 52. The U. S. Nuclear Regulatory Commission (NRC) staff is performing a detailed review of this application to enable the staff to reach a conclusion on the safety of the proposed application.

The NRC staff has identified that additional information is needed to continue portions of the review. The staff's request for additional information (RAI) is contained in the enclosure to this letter.

To support the review schedule, you are requested to respond within **30** days of the date of this letter. If changes are needed to the safety analysis report, the staff requests that the RAI response include the proposed wording changes.

S. Head

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If you have any questions or comments concerning this matter, I can be reached at 301-415-6197 or by e-mail at Tekia.Govan@nrc.gov or you may contact George Wunder at 301-415-1494 or Tekia.Govan@nrc.gov.

Sincerely,

/RA/

Tekia Govan, Project Manager
BWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-012
52-013

eRAI Tracking No. 5407

Enclosures:
Request for Additional Information

cc: William Mookhoek
James Tomkins

S. Head

-2-

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Sincerely,

/RA/

Tekia Govan, Project Manager
BWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-012
52-013

eRAI Tracking No. 5407

Enclosures:
Request for Additional Information

cc: William Mookhoek
James Tomkins

DISTRIBUTION:

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AWilson

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JDonoghue

ADAMS Accession No.: ML102430123

NRO-002

OFFICE	SRSB/TR	SRSB/BC	BWR/PM	OGC	NGE2/L-PM
NAME	GThomas	JDonoghue	TGovan (S. Joseph for)	AWilson	GWunder
DATE	8/26/2010	8/26/2010	8/31/2010	8/26/2010	8/30/2010

***Approval captured electronically in the electronic RAI system.
OFFICIAL RECORD COPY**

Request for Additional Information No. 5047 Revision 3

8/30/2010

**South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 04.04 - Thermal and Hydraulic Design
Application Section: 4.4**

QUESTIONS for Reactor System, Nuclear Performance and Code Review (SRSB)

04.04-4

During the NRC staff audit (held on July 12, 2010) of the calculations supporting the downstream fuel effects test acceptance criterion of 5.076 psid (U7-C-STP-NRC-100044 dated February 22, 2010), the staff discovered that the calculations were based on Optima II fuel rather than the GE-7 fuel approved in the ABWR DCD. Explain how the proposed criterion is suitable for the fuel design that is currently the basis for the ABWR design.

Enclosure