

PMSTPCOL NPEmails

From: Govan, Tekia
Sent: Monday, May 18, 2009 5:43 PM
To: 'rhscheide@stpegs.com'
Cc: STPCOL
Subject: PROPRIETARY - DRAFT RAIs
Attachments: RAI 2771.doc; RAI 2777.doc; STP COLA RAIs RCIC pump.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 (please send an email) I will continue the formal process of issuing the RAIs to STPNOC. Please note that RAI 2777 has been determined to be proprietary by the technical review. This RAI will be handled as such when issued formally.

These RAIs relates to section 5.4.

Thanks
Tekia

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Files	Size	Date & Time
MESSAGE	715	5/18/2009 5:43:24 PM
RAI 2771.doc	30202	
RAI 2777.doc	30202	
STP COLA RAIs RCIC pump.doc		37370

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Request for Additional Information No. 2771 Revision 2

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 05.04 - Reactor Coolant System Component and Subsystem Design
Application Section: 5.4.1

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

05.04-***

Please provide the contingency plan described in COL information item 5.1 for NRC review and all related discussion on potential draining of the reactor vessel during RIP maintenance activities:

- o Worst case scenario evaluated
- o Impact on personnel and plant
- o Assumptions made in respect to contingency plan
- o Response time of plant and personnel in regard to contingency plan
- o Worst case flow rate of drain down of vessel
- o Number of pumps plant procedures allow to perform concurrent maintenance activities with the potential to drain the vessel
- o Recovery phase.

Request for Additional Information No. 2777 Revision 2

South Texas Project Units 3 and 4
South Texas Project Nuclear Operating Co
Docket No. 52-012 and 52-013
SRP Section: 05.04.06 - Reactor Core Isolation Cooling System (BWR)
Application Section: 05.04.06

QUESTIONS for Component Integrity, Performance, and Testing Branch 2 (ESBWR/ABWR Projects)
(CIB2)

05.04.06-***

The NRC asked a question on RCIC turbine pump design. The basis for this question is that the RCIC system in the ABWR design is part of the Emergency Core Cooling System; and must satisfy the general design criteria (GDC) in 10 CFR Part 50, Appendix A, including GDC 4, 5, 29, 33, 34, and 54, as discussed in the NRC safety evaluation report on the ABWR design certification (NUREG-1503). The question is being withheld in accordance with 10 CFR 2.390. The question will be provided to the applicant under a separate cover, reference ML091271096 (non-public).