

AP1000DCDFileNPEm Resource

From: Loza, Paul G. [lozapg@westinghouse.com]
Sent: Thursday, January 22, 2009 4:09 PM
To: Bill Gleaves
Cc: Perry Buckberg; Rhonda Carmon; Lindgren, Donald A.
Subject: FW: RESENT: AP1000 - Draft Revised RAI-SRP3.9.1-EMB1-03 R2
Attachments: image001.jpg

Billy,

I acknowledge receipt by Westinghouse of RAI-SRP3.9.1-EMB1-03 R2. I will advise if a conference call is required.

Thanks,

Paul

From: Bill Gleaves [mailto:Bill.Gleaves@nrc.gov]
Sent: Wednesday, January 21, 2009 8:20 AM
To: Lindgren, Donald A.; Loza, Paul G.
Cc: Cheng-Ih Wu; Kaihwa Hsu; Eileen McKenna; Rhonda Carmon; Anthony Hsia; Jennifer Dixon-Herrity
Subject: RESENT: AP1000 - Draft Revised RAI-SRP3.9.1-EMB1-03 R2

Don,
Please review the subject RAI and let me know if you accept it. If so, please respond in an email stating that it is a final RAI (please include the text of the final RAI). If you cannot accept as written, please let me know that a conference call is required prior to finalization.
Billy

RAI-SRP3.9.1-EMB1-03 Rev. 2

As a result of the on-site technical review on October 20, 2008, the NRC staff found that the fatigue analyses for the design of AP1000 seismic Category I components and supports were performed using a computer program called WESTEMS, which was not discussed in the AP1000 DCD subsection 3.9.1.2, "Computer Code Used in Analyses," nor listed in Table 3.9-15, "Computer Programs for Seismic Category I Components." In its response to the staff's RAI SRP3.9.1-EMB1-03, Westinghouse indicated that the DCD will be revised to add WESTEMS computer program to Table 3.9-15. Since the program has been used for design of AP1000 Seismic Cat I components, confirm whether the computer code WESTEMS was previously reviewed and approved by the NRC staff. If yes, provide dates and versions of the program that was reviewed and approved by the staff and the prior plant license applications using WESTEMS. If not, Westinghouse is requested to provide evidence of the computer code verification and validation documentation for design of the ASME Class 1, 2 and 3 components and piping in accordance with Appendix B to 10CFR50.55a or ASME code NQA-1 Code. . Confirm that the documentation of the computer code WESTEMS is available for staff review. The information should include the author, source code, dated version, and facility; the program users manual and theoretical description, the extent and limitation of the program application; and the benchmarking problems, the QA control and maintenance of the program.

William Gleaves

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From: Loza, Paul G.

Created By: lozapg@westinghouse.com

Recipients:

"Perry Buckberg" <Perry.Buckberg@nrc.gov>
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"Rhonda Carmon" <Rhonda.Carmon@nrc.gov>
Tracking Status: None
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Tracking Status: None
"Bill Gleaves" <Bill.Gleaves@nrc.gov>
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