AP1000DCDFileNPEm Resource

From: Adams II, Samuel L. [adamssl@westinghouse.com]
Sent: Wednesday, October 29, 2008 6:35 AM
To: Bill Gleaves
Cc: Perry Buckberg; Rhonda Carmon; Lindgren, Donald A.; Loza, Paul G.
Subject: FW: AP1000 Draft RAIs on SRP3.12 & SRP3.9.1 REVISION 1
Attachments: AP1000 3.12 & 3.9.1 draft RAIs.doc

Hi Billy,

I acknowledge receipt of the attached RAIs on SRP3.12 and 3.9.1.

I will let you know as soon as possible if a clarification call is necessary.

Thanks.

Sam

From: Bill Gleaves [mailto:Bill.Gleaves@nrc.gov]
Sent: Tuesday, October 28, 2008 3:17 PM
To: Lindgren, Donald A.; Adams II, Samuel L.
Cc: Jennifer Dixon-Herrity; Anthony Hsia; Kaihwa Hsu; Terri Spicher; Rhonda Carmon; Eileen McKenna
Subject: AP1000 Draft RAIs on SRP3.12 & SRP3.9.1 REVISION 1

Correction to dates. Date of onsite visit was week of 20th

Don/Sam,

Attached are new draft RAIs resulting from our onsite visit at your Monroeville site during the week of October 20th. Please respond that you accept these draft RAIs as final or respond that you would like to discuss them by conference call before finalizing the questions.

Sincerely,
Billy

Hearing Identifier: AP1000_DCD_Review
Email Number: 126

Mail Envelope Properties (15C4FDCCF8DAC64088CF069737A9985B803C3CE48C)

Subject: FW: AP1000 Draft RAIs on SRP3.12 & SRP3.9.1 REVISION 1
Sent Date: 10/29/2008 6:35:16 AM
Received Date: 10/29/2008 6:35:26 AM
From: Adams II, Samuel L.

Created By: adamssl@westinghouse.com

Recipients:
"Perry Buckberg" <Perry.Buckberg@nrc.gov>
Tracking Status: None
"Rhonda Carmon" <Rhonda.Carmon@nrc.gov>
Tracking Status: None
"Lindgren, Donald A." <lindg1da@westinghouse.com>
Tracking Status: None
"Loza, Paul G." <lozapg@westinghouse.com>
Tracking Status: None
"Bill Gleaves" <Bill.Gleaves@nrc.gov>
Tracking Status: None

Post Office: SWEC9966.w-intra.net

Files	**Size**	**Date & Time**
MESSAGE	897	10/29/2008 6:35:26 AM
AP1000 3.12 & 3.9.1 draft RAIs.doc	21568	

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

AP1000 DCA Draft Requests for Additional Information

RAI-SRP3.12-EMB-06

During the on-site technical review held the week of October 20, 2008, of ASME Class 1 piping for the AP1000 DCA, the NRC staff noted that the reactor coolant loop analysis did not couple the branch lines such as the surge line. Subsection 3.7.3.8.1 of DCD states that "if the ratio of the run piping outside diameter to the branch piping outside diameter (nominal pipe side) exceeds or equals 3.0, the branch piping can be excluded from the analysis of the run piping." Several branch lines do not meet this ratio, therefore, should be included in the RCL piping analysis. The staff requests that the applicant explain this discrepancy with DCD and take action to address this DCD conformance issue.

RAI-SRP3.9.1-EMB-03

During the on-site technical review held the week of October 20, 2008, of ASME Class 1 piping for the AP1000 DCA, the NRC staff found the applicant used a computer program called WESTEMS for fatigue analysis of seismic Category I components and supports. This program is not discussed in subsection 3.9.1.2 of the DCD, nor is it contained in Table 3.9-15. The Staff requests that the applicant address this DCD conformance issue.