AP1000DCDFileNPEm Resource

From: Adams II, Samuel L. [adamssl@westinghouse.com]
Sent: Wednesday, July 23, 2008 2:57 PM
To: Michael Miernicki
Cc: Perry Buckberg; Rhonda Carmon
Subject: FW: RAIs SRP3.9.1-EMB1-01 and 02
Attachments: RAIs SRP3.9.1-EMB1.doc

Hi Mike,

I acknowledge receipt of the attached RAIs on SRP Section 3.9.1.

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

Thanks.

Sam

From: Michael Miernicki [mailto:Michael.Miernicki@nrc.gov]
Sent: Tuesday, July 22, 2008 4:28 PM
To: Adams II, Samuel L.
Cc: Perry Buckberg; Rhonda Carmon
Subject: RAIs SRP3.9.1-EMB1-01 and 02

Sam please see attached RAIs and let me know as soon as possible whether Westinghouse understands these questions or if a conference call is necessary for any clarifications. Thanks.

Mike

Michael J. Miernicki
Project Manager
NRC/NRO/DNRL/NWE2
301-415-2304

Hearing Identifier: AP1000_DCD_Review
Email Number: 60

Mail Envelope Properties (9950B72C4C6D8D43958795C414DE477A07363A6B)

Subject: FW: RAIs SRP3.9.1-EMB1-01 and 02
Sent Date: 7/23/2008 2:57:24 PM
Received Date: 7/23/2008 2:57:31 PM
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
"Michael Miernicki" <Michael.Miernicki@nrc.gov>
Tracking Status: None

Post Office: SWEC9910.w-intra.net

Files	**Size**	**Date & Time**
MESSAGE	696	7/23/2008 2:57:31 PM
RAIs SRP3.9.1-EMB1.doc	22080	

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

Request for Additional Information
AP1000 DC Amendment
Section 3.9.1

RAI SRP3.9.1-EMB1-01
In DCD Tier 2 Subsection 3.9.1.1.1.19, the number of loading and unloading operations is defined as 2000 each for the 60-year plant design objective. The 2000 occurrences include the plant loading and unloading for the normal plant startup/shutdown, and loading resulting from all service levels B, C, and D transients that result in a reactor trip. Westinghouse is requested to provide the number of occurrences due to B, C and D service transients. Is the total estimated occurrences based on a 90 percent availability factor?

RAI SRP3.9.1-EMB1-02
In DCD Tier 2 Subsection 3.9.1.1.1.19, the daily load-follow operation is spawn out of unit loading or unloading at 5 percent per minute operation. Westinghouse is requested to explain the separation of these two transients which appears to be less conservative than it was before. Also, confirm that the number of daily load follow operations is specified as 17,800 times during the plant design objective of 60 years is based on a 90 percent availability factor. Explain the load follow event should not be combined with the occurrence of B, C, and D service transients while they might occur at the same time.