

July 8, 2010

MEMORANDUM TO: Eileen M. McKenna, Chief  
AP1000 Projects Branch 2  
Division of New Reactor Licensing  
Office of New Reactors

FROM: Perry Buckberg, Sr. Project Manager /RA/  
AP1000 Projects Branch  
Division of New Reactor Licensing  
Office of New Reactors

SUBJECT: SUMMARY OF A PUBLIC MEETING TO DISCUSS AP1000 DESIGN  
CONTROL DOCUMENT CLOSURE OF CHAPTER 5 ISSUES IN  
ROCKVILLE, MARYLAND, JUNE 10, 2010

The U.S. Nuclear Regulatory Commission (NRC) held a Category 1 public meeting on June 10, 2010. The Office of New Reactors (NRO) met with Westinghouse Electric Company (Westinghouse) representatives to discuss AP1000 Design Control Document Chapter 5 unresolved issues, requests for additional information (RAI), and open items. The meeting was held at the Westinghouse Twinbrook office from 1:00 p.m. until 2:35 p.m. in Rockville, Maryland.

Chapter 5 unresolved issues are:

RAI-SRP5.4.1-CQVB-01  
RAI-SRP5.2.3-CIB1-01  
RAI-SRP5.2.3-CIB1-03  
OI-SRP5.4.1-CIB1-01

The NRC made brief opening comments, introductions were made by all in attendance and then the issue discussions followed. Westinghouse and the NRC came to an agreement on the next step for each unresolved RAI before moving on to the next. Actions were recorded for each open issue.

Following the RAI discussion, the public were polled for questions and comments. No one from the public asked any questions.

Enclosed with this summary are: (1) meeting sign-in sheet, and (2) the action list.

Enclosures:  
As stated

CONTACT: Perry Buckberg, NRO/DNRL  
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**ADAMS ACCESSION NO: ML101870359**

**NRC-001**

OFFICE	LA: DNRL/NWE2	PM: DNRL/NWE2	BC: DNRL/NWE
NAME	RButler	PBuckberg	EMcKenna
DATE	07/06/10	07/06/10	07/8/10

**OFFICIAL RECORD COPY**

## Attendee List

June 10, 2010

<u>NAME</u>	<u>ORGANIZATION</u>	<u>PHONE/E-MAIL</u>
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Enclosure 1

June 10, 2010 AP1000 Chapter 5 Public Meeting  
Resulting Westinghouse Actions

**Request for Additional Information (RAI)-SRP5.4.1-CQVB-01 Variable Frequency Drives (VFD)**

- 1) Determine the potential maximum VFD driven reactor coolant pumps speed, flow and postulated overspeed duration.
- 2) Determine the resulting damage from #1 above
- 3) Determine if the damage is bounded
- 4) Determine how this scenario effects probabilistic risk assessment

**RAI-SRP5.2.3-CIB1-01:**

-From the 6/10 draft response e-mail

- 1) Change the word 'and' to 'as' in the response to item #1. (should read, "weldability as allowed")
- 2) Remove the sentence portion "so since EC wires are not separate from ER wires in this specification, are already allowed by default."

-From the 6/3 draft Table 5.2-1

- 1) Confirm that the only carbon steel for the RCPB are the 3 parts identified in Note #4 to Table 5.2-1, and the carbon steel welds for these 3 parts.
- 2) Modify Note #4 in Table 5.2-1 (Page 5 of 5) to state "GR1 material (carbon steel) and its associated filler metals are used only for ....., " and reference Note #4 in the table under "Carbon steel pressure boundary welds."

-Provide clean and consolidated version of draft RAI response.

**RAI-SRP5.2.3-CIB1-03:**

- 1) Provide draft RAI response that discusses/explains Note #9 (from question 1-d(i) (Revision 1) in the April 21, 2010 RAI response.
  - 2) Based on April 21, 2010, Response (Revision 1) to question 1-d(ii), provide industry examples of similar 'weld build-up' conditions (similar extent as the proposed AP1000 build up) in current operating plants and their associated ISI, if any.
  - 3) Be prepared to discuss obtaining ASME interpretation for ISI of the weld buildup for the Quickloc nozzles – week of 6/14/10 as a way of addressing Action #2 above.
- Determine if design changes for proposed Revision 18 design change proposal (DCPs) will impact these RAI responses, and vice versa. Also, ensure that justification is included for changes in the DCPs for proposed Revision 18 that are not covered in the above or previous RAIs.

**OI-SRP5.4.1-CIB1-01:** Resolved

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cc:

(Revised 06/23/2010)

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