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Your ref: Docket No. 52-006  
Our ref: DCP/NRC2196

July 8, 2008

Subject: AP1000 Response to Request for Additional Information (TR96)

Westinghouse is submitting a response to the NRC request for additional information (RAI) on AP1000 Standard Combined License Technical Report (TR) 96, APP-GW-GLR-067, "AP1000 Response to ICMs." This RAI response is submitted in support of the AP1000 Design Certification Amendment Application (Docket No. 52-006). The information included in the response is generic and is expected to apply to all COL applications referencing the AP1000 Design Certification and the AP1000 Design Certification Amendment Application.

A response is provided for RAI-TR96-NSIR-01 and -02 as sent in an email from Perry Buckberg to Sam Adams dated May 19, 2008. This response completes all requests received to date for Technical Report 96.

Questions or requests for additional information related to the content and preparation of this response should be directed to Westinghouse. Please send copies of such questions or requests to the prospective applicants for combined licenses referencing the AP1000 Design Certification. A representative for each applicant is included on the cc: list of this letter.

Very truly yours,

A handwritten signature in black ink that reads "D. A. Lindgren/For".

Robert Sisk, Manager  
Licensing and Customer Interface  
Regulatory Affairs and Standardization

/Enclosure

1. Response to Request for Additional Information on Technical Report 96

cc: D. Jaffe - U.S. NRC 1E  
E. McKenna - U.S. NRC 1E  
P. Buckberg - U.S. NRC 1E  
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A. Monroe - SCANA 1E  
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C. Pierce - Southern Company 1E  
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ENCLOSURE 1

Response to Request for Additional Information on Technical Report 96

# AP1000 TECHNICAL REPORT REVIEW

## Response to Request For Additional Information (RAI)

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RAI Response Number: RAI-TR96-NSIR-01  
Revision: 0

### **Question:**

Please provide a revised interim compensatory measures (ICM) report or enhancements report (APP-GW-GLR-062 (Technical Report 49), dated March 2007, Revision 1) that refers to the "AP1000 Building and Structure Configuration, Layout and General Arrangement Design Updates," APP-GW-GLN-105 Rev. 1, Sept. 2007, for further detail of AP1000 B5b design features.

Also it is recommended to review Part 2, Section 3, of the "Nuclear Power Plant Security Assessment Format and Content Guide" and add design additions that may assist a COL applicant, referencing the design, in the B5b area.

### **Westinghouse Response:**

As discussed in the phone call between the NRC and Westinghouse on June 5, 2008, the "AP1000 Building and Structure Configuration, Layout and General Arrangement Design Update" does not intend to show specifics of B5b design features. If there is a specific question or concern related to B5b, Westinghouse can provide sources of more detailed information. That AP1000 Enhancement Report, APP-GW-GLN-062 Rev. 1, and RAI-TR94-NSIR-01 provide detailed information regarding enhancements incorporated in AP1000 to strengthen AP1000's response to B5b.

### **Reference:**

AP1000 Enhancement Report, APP-GW-GLN-062 Rev. 1

**Design Control Document (DCD) Revision: None**

**PRA Revision: None**

**Technical Report (TR) Revision: None**

# AP1000 TECHNICAL REPORT REVIEW

## Response to Request For Additional Information (RAI)

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RAI Response Number: RAI-TR96-NSIR-02  
Revision: 0

### **Question:**

Please revise the report to describe a reference to the AP1000 cyber protection documentation (if there has been information accumulated in the application) that may aid a COL applicant referencing the AP1000 design.

### **Westinghouse Response:**

Westinghouse has submitted a separate Cyber Security Implementation Technical Report, APP-GW-GLR-104. Revision 1 of this report has recently been submitted to the NRC that adds a combined license information item to section 13.6.1 of the AP1000 DCD relative to cyber security. The information item states that a combined license holder will develop and implement a Cyber Security Program.

Reference:

AP1000 Cyber Security Implementation, APP-GW-GLR-104 Rev. 1

**Design Control Document (DCD) Revision: None**

**PRA Revision: None**

**Technical Report (TR) Revision: None**