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U.S. Nuclear Regulatory Commission  
ATTENTION: Document Control Desk  
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Your ref: Docket No. 52-006  
Our ref: DCP\_NRC\_002729

January 11, 2010

Subject: AP1000 Response to Proposed Open Item (Chapter 18)

Westinghouse is submitting the following responses to the NRC open item (OI) on Chapter 18. These proposed open item response are submitted in support of the AP1000 Design Certification Amendment Application (Docket No. 52-006). The information included in these responses is generic and is expected to apply to all COL applications referencing the AP1000 Design Certification and the AP1000 Design Certification Amendment Application.

Enclosure 1 provides the response for the following proposed Open Item(s):

OI-SRP18-COLP-17

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 'R. Sisk' with a stylized flourish.

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

/Enclosure

1. Response to Proposed Open Item (Chapter 18)

cc:	D. Jaffe	- U.S. NRC	1E
	E. McKenna	- U.S. NRC	1E
	P. Kallan	- U.S. NRC	1E
	P. Donnelly	- U.S. NRC	1E
	T. Spink	- TVA	1E
	P. Hastings	- Duke Power	1E
	R. Kitchen	- Progress Energy	1E
	A. Monroe	- SCANA	1E
	P. Jacobs	- Florida Power & Light	1E
	C. Pierce	- Southern Company	1E
	E. Schmiech	- Westinghouse	1E
	G. Zinke	- NuStart/Entergy	1E
	R. Grumbir	- NuStart	1E
	R. Seelman	- Westinghouse	1E

ENCLOSURE 1

AP1000 Response to Proposed Open Item (Chapter 18)

# AP1000 TECHNICAL REPORT REVIEW

## Response to Open Item (OI)

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RAI Response Number: OI-SRP18-COLP-17  
Revision: 0

**Question:**

This COL information item cannot be closed because the documents related to training and procedure development have not been completed, and closure of the COL information item is contingent upon staff review of APP-OCS-GER-031, "The Incorporation of Human Factors Engineering into the Development of the AP1000 Plant Procedures," and APP-OCS-GER-041, "The Incorporation of Human Factors Engineering into the Development of the AP1000 Plant Training Program. The staff is tracking completion of this work under **Open Item OI-SRP18-COLP-17**.

**Westinghouse Response:**

The two documents, APP-OCS-GER-031, "The Incorporation of Human Factors Engineering into the Development of the AP1000 Plant Procedures" and APP-OCS-GER-041 "The Incorporation of Human Factors Engineering into the Development of the AP1000 Plant Training Program" were submitted to the Westinghouse Rockville office for NRC review on January 8<sup>th</sup> 2010.

**References:**

None

**Design Control Document (DCD) Revision:**

None

**PRA Revision:**

None

**Technical Report (TR) Revision:**

None