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U.S. Nuclear Regulatory Commission
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Your ref: Docket No. 52-006
Our ref: DCP/NRC2414

April 1, 2009

Subject: AP1000 Response to Request for Additional Information (SRP 7)

Westinghouse is submitting a response to the NRC request for additional information (RAI) on SRP Section 7. This RAI response is submitted in support of the AP1000 Design Certification Amendment Application (Docket No. 52-006). The information included in this response 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 RAI(s):

RAI-SRP7.1-ICE-07 R1

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, appearing to read 'Robert Sisk'.

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

/Enclosure

1. Response to Request for Additional Information on SRP Section 7

cc:	D. Jaffe	- U.S. NRC	1E
	E. McKenna	- U.S. NRC	1E
	S. Mitra	- U.S. NRC	1E
	C. Proctor	- 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
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ENCLOSURE 1

Response to Request for Additional Information on SRP Section 7

AP1000 TECHNICAL REPORT REVIEW

Response to Request For Additional Information (RAI)

RAI Response Number: RAI-SRP7.1-ICE-07
Revision: 1

Question (Revision 0):

Provide the current revision of AP1000 NuStart Protection and Safety Monitoring System Project Concept Phase V&V Summary Report.

Based upon a phone conversation on April 18th, 2008, Westinghouse stated that a current revision of the summary report was available and included the final lists of issues raised during the verification and validation portion of design requirements phase of the project, with their resolution.

Westinghouse Response (Revision 0):

The requested document will be available in the Westinghouse Rockville office by July 31, 2008.

Westinghouse REVISED response based on NRC comments from the January 29-30 meeting (Revision 1):

WNA-PV-00009-GEN, "Verification and Validation (V&V) Process for the Common Q Safety Systems," states that anomaly reports are generated in each phase of the lifecycle. The anomalies are documented in the initial revision of the phase summary report. To track closure of these anomaly reports, V&V uses the Error Report Process described in Exhibit 9-1 of WCAP-16096-NP-A, "Software Program Manual for Common Q Systems." For WNA-VR-00213-GEN, "AP1000 NuStart Protection and Safety Monitoring System Project Concept Phase V&V Summary Report," the issues were listed, and a reference to Exception Report V&V-644 was made to track closure of the anomalies. The Exception Report was closed out on July 1, 2008. This is noted in Section 3 of APP-PMS-GER-020, Revision 1, Section 3 where Exception Report V&V-644 is explicitly cited as closed. Therefore only those anomalies that are still open are listed. This revision of the V&V Concept Phase Summary report resides in the Westinghouse Rockville office.

Design Control Document (DCD) Revision:

None

PRA Revision:

None

Technical Report (TR) Revision:

None