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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/NRC2191

July 3, 2008

Subject: AP1000 Response to Request for Additional Information (SRP5.4.1)

Westinghouse is submitting a response to the NRC request for additional information (RAI) on SRP Section 4. 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-SRP5.4.1-SRSB-01 as sent in an email from Perry Buckberg to Sam Adams dated May 6, 2008. This response completes two of three requests received to date for SRP Section 5.4.1. A response for RAI-SRP5.4.1-SRSB-02 is scheduled for submittal by July 11, 2008. A response to RAI-SRP5.4.1-CIB1-01 was submitted under letter DCP/NRC2117 dated April 11, 2008.

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 'Donald A. Sisk for', written over the printed name.

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

/Enclosure

1. Response to Request for Additional Information on SRP Section 5.4.1

cc:	D. Jaffe	- U.S. NRC	1E
	E. McKenna	- U.S. NRC	1E
	P. Buckberg	- U.S. NRC	1E
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	P. Hastings	- Duke Power	1E
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ENCLOSURE 1

Response to Request for Additional Information on SRP Section 5.4.1

AP1000 TECHNICAL REPORT REVIEW

Response to Request For Additional Information (RAI)

RAI Response Number: RAI-SRP5.4.1-SRSB-01
Revision: 0

Question:

Westinghouse's response to supplemental RAI RAI-TR34-SRSB-02 stated that detailed design information for the external heat exchanger of the sealless reactor coolant pump will be provided to the NRC in the external heat exchanger generic design report which was to be completed/delivered March 31, 2008. When will this report be delivered?

Westinghouse Response:

The external heat exchanger generic design report will be available for NRC review on October 31, 2008.

Design Control Document (DCD) Revision:
None.

PRA Revision:
None.

Technical Report (TR) Revision:
None.