



Westinghouse Electric Company
Nuclear Power Plants
P.O. Box 355
Pittsburgh, Pennsylvania 15230-0355
USA

U.S. Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, D.C. 20555

Direct tel: 412-374-6206
Direct fax: 412-374-5005
e-mail: sisk1rb@westinghouse.com

Your ref: Docket No. 52-006
Our ref: DCP/NRC2214

July 24, 2008

Subject: AP1000 Response to Request for Additional Information (SRP10.4.7)

Westinghouse is submitting a response to the NRC request for additional information (RAI) on SRP Section 10.4.7. 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-SRP10.4.7-ICE-01, as sent in an email from Dave Jaffe to Sam Adams dated April 30, 2008. This response completes all requests received to date for SRP Section 10.4.7. A response for RAI-SRP10.4.7-SBPA-01 was submitted under letter DCP/NRC2165 dated June 20, 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,

for John DeBlasio

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

/Enclosure

1. Response to Request for Additional Information on SRP Section 10.4.7

cc:	D. Jaffe	- U.S. NRC	1E
	E. McKenna	- U.S. NRC	1E
	P. Buckberg	- U.S. NRC	1E
	P. Ray	- TVA	1E
	P. Hastings	- Duke Power	1E
	R. Kitchen	- Progress Energy	1E
	A. Monroe	- SCANA	1E
	J. Wilkinson	- Florida Power & Light	1E
	C. Pierce	- Southern Company	1E
	E. Schmiech	- Westinghouse	1E
	G. Zinke	- NuStart/Entergy	1E
	R. Grumbir	- NuStart	1E
	J. Ewald	- Westinghouse	1E

ENCLOSURE 1

Response to Request for Additional Information on SRP Section 10.4.7

AP1000 TECHNICAL REPORT REVIEW

Response to Request For Additional Information (RAI)

RAI Response Number: RAI-SRP10.4.7-ICE-01

Revision: 0

Question:

Within the AP1000 DCD Revision 16, Tier 2, Chapter 10, Figure 10.4.7-1, Sheet 4, "Condensate and Feedwater System Piping and Instrumental Diagram," the notes have been removed from the figure. On page 8 of Technical Report 103, in the first paragraph it states that Note 3 and Note 4 will be revised. Without the notes, Technical Report 103 is referencing notes in Figure 10.4.7-1 that do not exist. Update and/or correct.

Westinghouse Response:

The notes previously provided in DCD revision 15 were inadvertently omitted from the figure in DCD revision 16. The original notes will be re-inserted as modified by Technical Report 103 (TR 103). This change will be incorporated in the next revision to the DCD.

Reference:

1. APP-GW-GLN-019, "Fluid System Changes", Technical Report Number 103

Design Control Document (DCD) Revision:

Re-insert DCD Rev.15 notes 1-9 on Figure 10.4.7-1 with the following modifications to Notes 3 and 4 as described in TR 103:

3. SEE DRAWINGS APP-PLS-J1-~~444~~144 AND APP-PMS-J1-110 FOR STARTUP FEEDWATER PUMP AUTO START AND TRIP LOGIC.
4. SEE DRAWING APP-PLS-J1-~~445~~143 FOR STARTUP FEEDWATER ~~HEADER PRESSURE AND STARTUP FEEDWATER TEMPERATURE~~ INPUTS TO STARTUP FEEDWATER CONTROL.

PRA Revision:

None

Technical Report (TR) Revision:

None