

August 29, 2006

Ms. Andrea Sterdis, Manager
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P.O. Box 355
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SUBJECT: WESTINGHOUSE AP1000 COMBINED LICENSE (COL) PRE-APPLICATION
TECHNICAL REPORT 6 - REQUEST FOR ADDITIONAL INFORMATION
(TAC NO. MD2174)

Dear Ms. Sterdis:

By letter dated June 5, 2006 (DCP/NRC1746), you submitted AP1000 Technical Report 6, "AP1000 As-Built COL Information Items," identified COL Information items that require as-built information or conditions to be completed. The NRC staff has reviewed the report, and has determined that additional information is required. Our questions are provided in the Enclosure. We discussed these issues with your staff on August 22, 2006. Your staff indicated that you would attempt to provide your response by September 29, 2006.

Please contact me at (301) 415-1313, if you have any other questions on these issues.

Sincerely,

/RA/

Steven D. Bloom, Senior Project Manager
AP1000/EPR Projects Branch
Division of New Reactor Licensing
Office of Nuclear Reactor Regulation

Project No. 740

Enclosure: Request for Additional Information

cc w/encl: See next page

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ADAMS ACCESSION NO.: ML062350450

OFFICE	NAPB: PM	NAPB: BC
NAME	SBloom	SCoffin
DATE	08/23/06	08/25/06

OFFICIAL RECORD COPY

REQUEST FOR ADDITIONAL INFORMATION

WESTINGHOUSE AP1000 DOCUMENT NO. APP-GW-GLR-021, Rev 0

TECHNICAL REPORT 6 - AP1000 AS-BUILT INFORMATION ITEMS

PROJECT NUMBER 740

TR6 - 2 COL Information Item 3.6-3

On page 4 of the report, you propose to delete COL Information Item 3.6-3 regarding the as-built evaluation of leak-before-break piping systems. COL Information Item 3.6-3 has three elements: “1) verification that the as-built stresses, diameter, wall thickness, material, welding process, pressure, and temperature in the piping are bounded by the leak-before-break bounding analysis; 2) a review of the Certified Material Test Reports or Certifications from the Material Manufacturer to verify that the ASME Code, Section III strength and Charpy toughness requirements are satisfied; and 3) complete the leak-before-break evaluation by comparing the results of the final piping stress analysis with the bounding analysis curves documented in Appendix 3B.” Report APP-GW-GLR-022 addressed only the third requirement in COL Information Item 3.6-3, and the ITAAC regarding LBB piping systems does not specifically address the first and the second requirements. Please justify your proposed deletion of this COL information item by explaining how the first and second requirements (elements 1 and 2 above) are addressed by your phrase “several ITAAC items.”

Enclosure

AP 1000

cc:

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