

August 7, 2006

Ms. Andrea Sterdis, Manager
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Nuclear Power Plants
P.O. Box 355
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SUBJECT: WESTINGHOUSE AP1000 COMBINED LICENSE (COL) PRE-APPLICATION
TECHNICAL REPORT 37 - REQUEST FOR ADDITIONAL INFORMATION (TAC
NO. MD1433)

Dear Ms. Sterdis:

By letter dated April 5, 2006 (DCP/NRC1729), you submitted AP1000 Technical Report 37, "Hydrogen Igniter Locations," which corrected or modified the elevations or locations of certain hydrogen igniters within the AP1000 hydrogen control system. 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 2, 2006. Your staff indicated that you would attempt to provide your response by September 15, 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.: ML062150407

| | | |
|--------|----------|----------|
| OFFICE | NAPB: PM | NAPB: BC |
| NAME | SBloom | SCoffin |
| DATE | 08/03/06 | 08/07/06 |

OFFICIAL RECORD COPY

REQUEST FOR ADDITIONAL INFORMATION

WESTINGHOUSE AP1000 DOCUMENT NO. APP-GW-GLN-003, Rev 0

TECHNICAL REPORT 37 - HYDROGEN IGNITER LOCATIONS

PROJECT NUMBER 740

TR37 - 1 Westinghouse is modifying the elevations or locations of certain hydrogen igniters within the AP1000 hydrogen control system. Westinghouse declares that these modifications must be made because either the polar crane elevation has been changed, to place the igniters in locations where they are more easily accessible, or to avoid trip hazards. Westinghouse states that changing the elevation or location of the identified hydrogen igniters does not alter their design function and has no effect on analysis or analysis method. The discussion does not indicate any justification or reasoning for this determination. Provide justification of why the proposed changes do not affect the analysis and how the proposed changes do not affect the performance or controls of hydrogen control functions.

AP 1000

cc:

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