

October 5, 2006

APPLICANT: Westinghouse

SUBJECT: SUMMARY OF THE SEPTEMBER 12, 2006, CLOSED MEETING WITH WESTINGHOUSE TO DISCUSS THE AP1000 TECHNICAL REPORTS RELATED TO FUEL

On September 12, 2006, a closed meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Westinghouse, at the Westinghouse Office in Rockville, Maryland. The purpose of the meeting was to discuss the AP1000 technical reports related to fuel design. A list of meeting attendees is included as Enclosure 1, and the agenda is included as Enclosure 2. Enclosure 3 contains a non-proprietary version of Westinghouse's meeting handout, which can be accessed through the Agencywide Documents Access and Management System (ADAMS). This system provides text and image files of NRC's public documents. The handout mentioned above may be accessed through the ADAMS system under Accession No. ML062690234. If you do not have access to ADAMS or if there are problems in accessing the handouts located in ADAMS, contact the NRC Public Document Room reference staff at 1-800-397-4209, 301-415-4737 or by e-mail to pdr@nrc.gov. A summary of the meeting is included below.

Westinghouse started the meeting by discussing their AP1000 licensing approach, including addressing of combined license (COL) information items related to fuel design. There are four COL information items related to fuel design, three will be addressed in technical reports and the fourth is an as-built information item. The fuel related technical reports will be standard for all AP1000 applicants, including the first initial core load, using a core reference report. The core reference report will address enhancements to fuel assembly and core component design, and the initial fuel loading pattern, control rod patterns and associated core physics parameters. Westinghouse discussed the COL information items and how they will be addressed in the technical report, and will include markups to the design control document. The fuel technical report will be submitted in October 2006, and Westinghouse requested approval by the summer of 2007, to support COL applications. Next, Westinghouse discussed the operation and core monitoring of the AP1000 reactor. Lastly, Westinghouse discussed the fuel assembly and core component design.

Please direct any inquires concerning this meeting to Steven Bloom at 301-415-1313, or sdb1@nrc.gov.

/RA/

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

Project No. 740

Enclosures:

1. List of Attendees
2. Agenda
3. Westinghouse Handout (ML062620374)

cc: See next page

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**Meeting with Westinghouse Related
Technical Reports Related to Fuel**

**Tuesday, September 12, 2006
9:00 a.m. to 5:00 p.m.
Westinghouse Office, Rockville, MD**

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William Herwig	SCE&G	(803) 345-4414
David Stucker	Westinghouse	(803) 647-2171
Shawn Gibby	Duke Energy	(704) 382-6800
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Mike DeVoe	Progress Energy	(919) 546-6599
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Ralph Landry	NRR	(301) 415-1140
Paul Clifford	NRR	(301) 415-4043
Harold Scott	NRC\RES	(301) 415-6771
Charles Brinkman	Westinghouse	(301) 881-7040
Ron Sisk	Westinghouse	(412) 374-6206

Topics for Closed Meeting with Westinghouse Regarding
Technical Reports Related to Fuel Design
September 12, 2006, Westinghouse Office, Rockville, Maryland

The following topics related to the AP1000 reactor fuel design were discussed:

Approach to Initial Core Load

Review of AP1000 DCD COL Action Items

Outline of Technical Report

Review of AP1000 Core Design and Operations

Review of AP1000 Fuel Products

Enclosure 3:

Westinghouse Hand-out -
"AP1000 Fuel Technical Report
Pre-submittal Meeting with NRC
September 12, 2006"

ML062620374

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