

October 16, 2006

MEMORANDUM TO: Stephanie Coffin, Branch Chief
AP1000/EPR Projects Branch
Division of New Reactor Licensing
Office of Nuclear Reactor Regulation

FROM: Steven Bloom, Senior Project Manager */RA/*
AP1000/EPR Projects Branch
Division of New Reactor Licensing
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING MEETING WITH WESTINGHOUSE ELECTRIC
COMPANY REGARDING HUMAN FACTORS ENGINEERING FOR
THE AP1000

DATE & TIME: Tuesday - Thursday, November 7-9, 2006
1:00 p.m. - 5:00 p.m. (Tues), 8:30 a.m. - 5:00 p.m. (Wed), and
8:30 a.m. - 12:30 p.m. (Thurs)

LOCATION: Westinghouse Electric Company
4350 Northern Pike
Monroeville, PA 15146

PURPOSE: NRC staff and Westinghouse will discuss human factors engineering
(HFE) issues related to the AP1000 reactor design. NRC staff will
discuss the results of their audit of the Westinghouse HFE design.

CATEGORY 1: * This is a Category 1 meeting. The public is invited to observe this
meeting and will have one or more opportunities to communicate with
the NRC after the business portion, but before the meeting is adjourned.

Proprietary information may be discussed at certain times during this
meeting. These portions of the meeting will be closed to members of
the public who have not been granted access to the information by the
owner of the information. See agenda for closed portions of the
meeting.

CONTACT: Steven Bloom, NRR
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*Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings,"
67 *Federal Register* 36920, May 28, 2002

PARTICIPANTS: Participants from the NRC include members from the Office of Nuclear Reactor Regulation (NRR).

<u>NRC</u>	<u>WESTINGHOUSE</u>	<u>Brookhaven</u>
J. Bongerra, NRR	A. Sterdis	J. Higgins
J. Cai, NRR	D. Lindgren, et al.	J. O'Hara
S. Bloom, NRR, et al.		

NOTE: Attendance at this meeting by members of the public may be pre-arranged by contacting Steven Bloom by Email at sdb1@nrc.gov or by telephone at 301-415-1313 by 4:00 p.m., Thursday November 2, 2006, in order to arrange for access to the meeting location. If access is not pre-arranged, access for United States (US) citizens may be gained on the day of the meeting by providing your name, Social Security or Passport number, and presenting a government-issued photo identification at the reception desk of the Westinghouse facilities at 4350 Northern Pike, Monroeville, PA 15146; non-US citizens will need to provide their name, date of birth, and present a government-issued photo identification.

Project No. 740

Enclosure: Agenda

cc w/encl: See next page

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<u>NRC</u>	<u>WESTINGHOUSE</u>	<u>Brookhaven</u>
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Agenda for Meeting with Westinghouse Regarding Human Factors Engineering

November 7-9, 2006

Westinghouse Electric Company

Tuesday, November 7, 2006

1:00 p.m. - 1:10 p.m.	Introduction and Agenda
1:10 p.m. - 1:45 p.m.	Licensing Status and Process
Closed Session Begins	
1:45 p.m. - 2:45 p.m.	HFE Program Overview
2:45 p.m. - 5:00 p.m.	Adjourn to 286 Facility for Ringhals Simulator Tour

Wednesday, November 8, 2006

8:30 p.m. - 12:00p.m.	Detailed HFE Element Discussion Element 1: HFE Program Element 2: Operating Experience Review Element 3: Functional Requirements Analysis and Allocation Element 4: Task Analysis Element 5: Staffing Element 6: Integration of HFE with Human Reliability Analysis
12:00 p.m. - 12:30 p.m.	Working Lunch
12:30 p.m. - 5:00 p.m.	Element 7: HSI Design AP1000 Simulator Demonstration
5:00 p.m.	Adjourn for the day

Thursday, November 9, 2006

8:30 a.m. - 11:30 a.m.	Detailed HFE Element Discussion (continued) Element 8: Procedure Development Element 9: Training Element 10: HFE V&V Element 11: Design Implementation Element 12: Human Performance Monitoring Minimum Inventory
11:30 a.m. - 12:15 p.m.	Plan Going Forward Westinghouse NRC
12:15 p.m. - 12:30 p.m.	Public Meeting for Conclusions
12:30 p.m.	Adjourn

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