

April 18, 2006

MEMORANDUM TO: Juan Peralta, Acting Chief  
Special Projects Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

FROM: Girija S. Shukla, Project Manager **/RA/**  
Special Projects Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING MEETING WITH WESTINGHOUSE TO DISCUSS  
MASS & ENERGY AND CONTAINMENT ANALYSIS METHODOLOGY  
FOR PRESSURIZED WATER REACTOR (PWR) AND BOILING WATER  
REACTOR (BWR) CONTAINMENT DESIGNS

DATE & TIME: Thursday, May 4, 2006  
1:00 p.m. - 4:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission  
One White Flint North  
11555 Rockville Pike, Room O-7B4  
Rockville, Maryland 20852

PURPOSE: Technical meeting to discuss Westinghouse Mass & Energy and  
Containment Analysis Methodology for PWR and BWR containment  
designs (see attached agenda).

CATEGORY 2\*: This is a Category 2 Meeting. The public is invited to participate in this  
meeting by discussing regulatory issues with the NRC at designated  
points identified on the agenda.

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

NRC

G. Shukla  
R. Lobel  
J. Nakoski  
R. Dennig  
G. Cranston, et al.

WESTINGHOUSE

S. Dederer  
R. Jakub  
R. Ofstun  
J. Scobel  
L. Smith, et al.

Project No. 700

Enclosure:  
Agenda (ADAMS Accession No. ML061020361)

cc w/encl: See next page

MEETING CONTACT: Girija Shukla, NRR/DPR  
301-415-8439  
[gss@nrc.gov](mailto:gss@nrc.gov)

\* Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings," (67 FR 36920) May 28, 2002.

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

NRC

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DISTRIBUTION: See next page

**ADAMS Accession Number: ML061020361**

OFFICE	PSPB/PM	PSPB/LA	PSPB/(A)BC
NAME	GShukla	DBaxley	JPeralta
DATE	4/17/06	4/13/06	4/18/06

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MASS & ENERGY AND CONTAINMENT ANALYSIS METHODOLOGY FOR PWR AND BWR  
CONTAINMENT DESIGNS

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GCranston

JNakoski

RLobel

RDennig

**PMNS**

RJasinski

Westinghouse Electric

Project No. 700

cc:

Mr. Gordon Bischoff, Manager  
Owners Group Program Management Office  
Westinghouse Electric Company  
P.O. Box 355  
Pittsburgh, PA 15230-0355

Mr. James A. Gresham, Manager  
Regulatory Compliance and Plant Licensing  
Westinghouse Electric Company  
P.O. Box 355  
Pittsburgh, PA 15230-0355

12/21/05

## **AGENDA**

### **MEETING WITH WESTINGHOUSE TO DISCUSS MASS & ENERGY AND CONTAINMENT ANALYSIS METHODOLOGY FOR PWR AND BWR CONTAINMENT DESIGNS**

**MAY 4, 2006**

- Introductions and Meeting Objectives
- Background of Current Methodology & Biases
- Discussion of New Methodology & Biases
  - GOBLIN & GOTHIC for BWR designs
  - WCOBRA/TRAC & GOTHIC for PWR designs for loss-of-coolant accident (LOCA)
  - RETRAN & GOTHIC for PWR designs for main steam line break (MSLB)
- Phase 1: Base Submittal with Appendices
  - BWR Mark 1 Design
  - BWR Mark 2 Design
  - BWR Mark 3 Design
  - PWR 2, 3, & 4 Loop Designs
  - PWR Ice Condenser Designs
- Safety Evaluation for Phase 1
- Phase 2: Couple with Full Spectrum LOCA
- Safety Evaluation for Phase 2
- Closing Remarks
- Public Comment
- Adjournment