

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

* 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

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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:

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Owners Group Program Management Office
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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