

December 13, 2002

MEMORANDUM TO: William Ruland, Director
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

FROM: Girija Shukla, Project Manager, Section 2 */RA/*
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING **CLOSED** MEETING WITH WESTINGHOUSE
ELECTRIC COMPANY

DATE & TIME: Wednesday, December 18, 2002
1:00 p.m. - 4:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike, Room O-9B2
Rockville, Maryland

PURPOSE: To discuss implementation of ZrB₂ Integral Fuel Bundle Absorber (IFBA)
for Combustion Engineering (CE) fuel designs.

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

<u>NRC</u>	<u>WESTINGHOUSE</u>
Girija Shukla	Chuck Molnar
Ralph Caruso	Zeses Karoutas
Undine Shoop	Ivan Fiero
Shih-Liang Wu, et al.	Charles Brinkman, et al.

Project No. 700

Attachment: Agenda (Accession No. ML023470476)

cc w/att: See next page

MEETING CONTACT: Girija Shukla, (301) 415-8439
Gss@nrc.gov

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<u>NRC</u>	<u>WESTINGHOUSE</u>
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Westinghouse Electric Company

Project No. 700

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AGENDA

IMPLEMENTATION OF ZrB2 (IFBA) FOR CE FUEL DESIGNS

DECEMBER 18, 2002

1. Background on Westinghouse ZrB2 IFBA Experience
 - a. Purpose and Scope of Meeting
 - b. Benefits of ZrB2 IFBA
 - c. Westinghouse/CE Integration Plans
 - d. Westinghouse Experience
2. Impact of ZrB2 IFBA on Irradiation Performance
 - a. Neutronics
 - b. Fuel Performance
3. ZrB2 IFBA Implementation in CE Design and Licensing
 - a. Models and Properties
 - b. Code Modifications
 - c. Benchmarking and Verification
 - d. Approved Topical Reports Affected
 - e. Design and Licensing Impact
 - i. Fuel Performance
 - ii. Fuel Mechanical Design
 - iii. Emergency Core Cooling System Evaluations
 - iv. Non-Loss-of-Coolant Accidents
 - v. Nuclear Design
4. Conclusions
5. Topical Report Summary
6. Schedule
7. NRC Comments/Feedback