

July 15, 2003

MEMORANDUM TO: Stephen Dembek, Chief, Section 2
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

FROM: Brian Benney, 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: Tuesday, August 5, 2003
12:30 p.m. - 4:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike, Room O-7B2
Rockville, Maryland

PURPOSE: Presentation for the NRC staff on WCAP-16009-P, Revision 0, "Realistic Large-Break LOCA Evaluation Methodology Using the Automated Statistical Treatment of Uncertainty Method (ASTRUM)" (see attached agenda).

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

NRC
S. Dembek, et al.

WESTINGHOUSE
J. Sechrist, et al.

Project No. 700

Attachment: Agenda (ADAMS Accession No. ML031950541)

cc w/att: See next page

MEETING CONTACT: Contact Brian Benney
(301) 415-3764
bjb@nrc.gov

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DISTRIBUTION: See next page

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NRC-001

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Project No. 700

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AGENDA

DISCUSSION OF WESTINGHOUSE TOPICAL REPORT

WCAP-16009-P, REVISION 0, "REALISTIC LARGE-BREAK LOCA EVALUATION METHODOLOGY USING THE AUTOMATED STATISTICAL TREATMENT OF UNCERTAINTY METHOD (ASTRUM)"

AUGUST 5, 2003

1. Overview of ASTRUM within CSAU Framework
 - Requirements and Code Capabilities (Element 1)
 - Assessment and Ranging of Parameters (Element 2)
 - Sensitivity and Uncertainty Analysis (Element 3)
 - Additional Parameters Considered in Uncertainty Analysis
 - Process for Determining 95/95 Peak Cladding Temperature
 - Calculation of Local and Core-wide Oxidation
2. Example PWR Application
 - Determination of Reference Transient
 - Uncertainty Analysis Results
3. Summary and Conclusions
4. Discussion of Review Process and Schedule