

February 2, 2001

APPLICANT: Westinghouse Electric Company

FACILITY: AP1000 Standard Plant Design

SUBJECT: SUMMARY OF MEETING ON AP1000 ANALYSIS CODES

The subject meeting was held on January 10, 2001, at the headquarters of the U.S. Nuclear Regulatory Commission (NRC) between representatives of Westinghouse and the NRC staff. Enclosure 1 is a list of meeting attendees and Enclosure 2 contains Westinghouse's presentation slides (ML010310322).

The purpose of this meeting was to provide Westinghouse with an opportunity to present their plan for demonstrating that the analysis codes that were used for the AP600 design are acceptable for use on AP1000. The applicability of the AP600 analysis codes for use in an AP1000 design certification application is one of the questions that Westinghouse has requested the NRC to evaluate during its pre-application review (see meeting summary dated July 21, 2000 @ ML003734646). Specifically, Westinghouse requested the NRC staff to determine if the AP600 codes (LOFTRAN, NOTRUMP, WCOBRA-TRAC, and WGOTHIC) are acceptable for the safety analyses of AP1000 or, if not, what changes to the codes, models, or methodologies would be required to find them acceptable. In support of their request, Westinghouse submitted WCAP-15612, "AP1000 Plant Description and Analysis Report," in December 2000 (ML003779406) and plans to submit WCAP-15613, "AP1000 Scaling Assessment and Analysis Plan," in February 2001 and the electronic version of the analysis codes and code documentation in March 2001.

The NRC staff advised Westinghouse that its preferred review approach for the analysis codes is in accordance with the guidance in Draft Standard Review Plan Section 15.0.2, "Review of Analytical Computer Codes," and Draft Regulatory Guide DG-1096, "Transient and Accident Analysis Methods." These documents were based, in part, on the NRC staff's review experience with the AP600 analysis computer codes.

/RA/

Jerry N. Wilson, Senior Policy Analyst
License Renewal and Standardization Branch
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Project No. 711

Enclosures: As stated

cc w/o enclosures: See next page

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Attendance for AP1000 Standard Plant Design
January 10, 2001

| <u>Name</u> | <u>Affiliation</u> |
|----------------|---------------------|
| C. I Grimes | NRC/NRR/DRIP/RLSB |
| Jim Gresham | Westinghouse |
| Mike Corletti | Westinghouse |
| Bob Vijuk | Westinghouse |
| Andy Gagnon | Westinghouse |
| Rick Ofstun | Westinghouse |
| Bob Kemper | Westinghouse |
| Uri Bachrach | Westinghouse |
| Rich Bickeis | McGrawhill |
| Ralph Caruso | NRC/NRR/DSSA/SRXB |
| Jerry Wermiel | NRC/NRR/DSSA/SRXB |
| Richard Lobel | NRC/NRR/DSSA/SPLB |
| Edward Throm | NRC/NRR/DSSA/SPLB |
| Walton Jensen | NRC/NRR/DSSA/SRXB |
| Y. Gene Hsii | NRC/NRR/DSSA/SRXB |
| Norm Lauben | NRC/RES/DSARE/SMSAB |
| David Bessette | NRC/RES/DSARE/SMSAB |
| Lambros Lois | NRC/NRR/DSSA/SRXB |
| Tom Miller | DOE/NE-20 |
| F. Akstulewicz | NRC/NRR/DSSA/SRXB |
| Ralph Landry | NRC/NRR/DSSA/SRXB |
| Jerry Wilson | NRC/NRR/DRIP/RLSB |

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