June 10, 2003

MEMORANDUM TO: Marsha Gamberoni, Deputy Director
New Reactor Licensing Project Office
Office of Nuclear Reactor Regulation

FROM: John P. Segala, Senior Project Manager ***/RA/***
New Reactor Licensing Project Office
Office of Nuclear Reactor Regulation

SUBJECT: APRIL 29, 2003, AP1000 TELEPHONE CONFERENCE CALL SUMMARY

On Tuesday, April 29, 2003, a telephone conference call was held with Westinghouse Electric Company (Westinghouse) representatives and Nuclear Regulatory Commission (NRC) staff to discuss AP1000 design questions the staff had regarding inspections, tests, analyses and acceptance criteria (ITAAC) and the amount of hydrogen generation from a zirconium-water reaction. A list of call participants is included in Attachment 1.

The following is a brief summary of the discussions regarding the staff's questions:

The NRC staff discussed their question regarding the equipment hatch hoist system and the maintenance hatch hoist system being classified as single-failure-proof systems in the AP1000 Design Control Document (DCD) Tier 2 Section 9.1.5, "Overhead Heavy Load Handling Systems," but not being tested as single failure proof in the ITAAC. Westinghouse understood the staff's comment and it was agreed to make this inconsistency an open item in Section 14.3 of the staff's draft safety evaluation report (DSER).

The NRC staff discussed their question regarding why the Atmospheric Dispersion Factors (X/Q) for the control room were not provided in DCD Tier 1 Table 5.0-1, "Site Parameters." Westinghouse understood the staff's question and agreed to research the basis for not providing the control room X/Q values in the table. It was also agreed that this issue would become an open item in the staff's DSER.

The NRC staff discussed their question regarding whether Westinghouse calculated the 788 kg of hydrogen in DCD Tier 2 Appendix 19D by using 100 percent of the active fuel clad oxidation or by using the total zirconium in the core. Westinghouse clarified that they used the total zirconium in the core to calculate the 788 kg of Hydrogen discussed in the DCD. This clarification resolved the staff's question.

Docket No. 52-006

Attachments: As stated

cc w/atts: See next page

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APRIL 29, 2003
TELEPHONE CONFERENCE CALL SUMMARY
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Leta Brown	Jim Scoble
Andre Drozd	Jim Grover
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Attachment 1

AP 1000

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