

September 11, 2003

MEMORANDUM TO: Laura Dudes, Section Chief
New Reactors Section
New, Research and Test Reactors Program
Division of Regulatory Improvement Programs, NRR

FROM: Joseph Colaccino, Senior Project Manager */RA/*
New Reactors Section
New, Research and Test Reactors Program
Division of Regulatory Improvement Programs, NRR

SUBJECT: AUGUST 14, 2003, AP1000 TELEPHONE CONFERENCE CALL
SUMMARY

On Thursday, August 14, 2003, a telephone conference call was held with Westinghouse Electric Company (Westinghouse) representatives and Nuclear Regulatory Commission (NRC) staff to discuss AP1000 draft safety evaluation report open item (DSER OIs) 3.7.2.3-1 and 3.7.2.3-2. The call participants are listed in Attachment 1. A summary of the conference call is included below.

The NRC staff discussed three issues after reviewing the Westinghouse response to DSER OI 3.7.2.3-1 provided to the NRC in a letter dated June 24, 2003 (ADAMS Accession Number ML031770042). Specifically, the NRC staff stated that Westinghouse has not addressed the concerns discussed in the DSER of the combined effect of the basemat uplift due to seismic excitation of the nuclear island and the effect of reduction of stiffness of shear walls. The NRC staff also stated that Westinghouse did not consider impact of the basemat in their analysis, which the NRC staff believes could be significant. In addition, with regard to shear wall cracking, the NRC staff stated that it could not draw a conclusion on the effect of the floor response spectra where member forces had increased by 10 percent because Westinghouse did not provide a comparison with the previous floor response spectra.

Westinghouse stated that they did not believe that the basemat uplift effected the floor response spectra. They stated that they would consider performing one analysis with reduced stiffness. After additional discussion, Westinghouse stated they wanted to consider the staff's concerns further and discuss these issues in a future call and/or meeting.

With regard to the response to OI 3.7.2.3-2 provided to the NRC in a letter dated June 24, 2003 (ADAMS Accession Number ML031760598), the NRC staff stated that they could not understand the results of the seismic amplification and seismic response analyses for the containment. Westinghouse stated that they would discuss their approach during a future NRC audit.

Docket No. 52-006

Attachment: As stated

cc w/att: See next page

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ACCESSION NUMBER: ML032340029

OFFICE	RNRP/PM	EMEB	RNRP/SC
NAME	JColaccino	TCheng	LDudes
DATE	9/3/03	9/3/03	9/11/03

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AUGUST 14, 2003
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