

August 24, 2009

MEMORANDUM TO: William D. Reckley, Branch Chief
Project Management and Technical Review Branch
Advanced Reactor Program
Office of New Reactors

FROM: Thomas J. Kenyon, Senior Project Manager /RA/
Project Management and Technical Review Branch
Advanced Reactor Program
Office of New Reactors

SUBJECT: SUMMARY OF MEETING WITH THE WESTINGHOUSE ELECTRIC
COMPANY TO DISCUSS THE SEISMIC ISOLATION SYSTEM FOR
THE INTERNATIONAL REACTOR INNOVATIVE AND SECURE
(IRIS) DESIGN

On July 14, 2009, staff from the U.S. Nuclear Regulatory Commission (NRC) met with representatives from the Westinghouse Electric Company (Westinghouse) to discuss Westinghouse's approach for the seismic isolation system for the International Reactor Innovative and Secure (IRIS) design. The meeting was closed to the public because proprietary information was discussed. Enclosures 1 and 2 are the meeting agenda and attendees of the meeting, respectively.

The meeting opened with a presentation by Westinghouse of their planned approach to isolating the IRIS design from seismic interactions. Westinghouse's slide presentations can be obtained from the Commission's Public Document Room, at One White Flint North, 11555 Rockville Pike (first floor), Rockville, MD. It is also available electronically from the Public Electronic Reading Room found on the Internet at the following web address: <http://www.nrc.gov/reading-rm.html>. From this site, the public can gain access to the NRC's Agencywide Document Access and Management System (ADAMS), which provides text and image files of NRC's public documents in the Publicly Available Records (PARS) component of ADAMS. The ADAMS accession number for the non-proprietary presentation is ML091970568 and for the proprietary presentation is ML091970570.

Westinghouse indicated that they were planning to include base isolation as a standard feature of its design in order to make the design more site-independent. As this presented a new approach to licensing a nuclear power reactor, the pre-applicant requested the meeting to discuss certain issues identified during their analysis. Westinghouse then discussed the IRIS approach to seismic isolation. During the discussion, the meeting participants discussed

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potential licensing and technical issues (including design criteria, inspection, and maintenance issues), Westinghouse's testing plans, and results of similar non-nuclear applications of seismic isolators. At the end of the meeting, the NRC staff discussed the status of the standards being developed for seismic isolation and the work that was being done in this area.

Enclosures:

As stated

Project No. 0726

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Enclosures:
As stated

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DATE	08/24/09	08/24/09

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Meeting Agenda
Closed Meeting on Seismic Isolation System For
IRIS Reactor Design

Tuesday, July 14, 2009
1:00 p.m. – 3:30 p.m.

<u>ESTIMATED TIME</u>	<u>TOPIC</u>	<u>LEAD</u>
1:00 p.m. – 1:05 p.m.	Introduction and opening remarks	NRC/Westinghouse
1:05 p.m. – 2:05 p.m.	Feasibility Study of the Seismic Isolation System for IRIS	Westinghouse
2:05 p.m. – 3:10 p.m.	Discussion on Licensing Impact of Seismic Isolation System	NRC/Westinghouse
3:10 p.m. – 3:20 p.m.	Closing Statements	NRC/Westinghouse
3:30 p.m.	Adjourn	

Meeting Attendees
Meeting with Westinghouse on IRIS
July 14, 2009

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(Revised 05/26/2009)

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