

May 3, 2011

MEMORANDUM TO: John R. Jolicoeur, Chief
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

FROM: Sheldon D. Stuchell, Senior Project Manager **/RA by JRowling for/**
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING PUBLIC MEETING WITH THE NUCLEAR ENERGY
INSTITUTE (NEI) AND OTHER STAKEHOLDERS TO DISCUSS
SEISMIC RISK EVALUATIONS FOR OPERATING POWER REACTORS
(TAC NO. ME4510)

DATE AND TIME: Wednesday, May 18, 2011
9:00 a.m. – 3:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission (NRC)
One White Flint
11555 Rockville Pike, Room O1F16/O1G16
Rockville, Maryland 20852

PURPOSE: To discuss the NRC's information collection needs desired from
operating power reactors and independent spent fuel storage
installations. The Office of Nuclear Reactor Regulation (NRR) requires
specific information relating to licensee facilities to enable the NRC staff
to complete the Regulatory Assessment of impact from increased seismic
hazard estimates at some operating reactor sites. NRR is developing a
potential Generic Letter to request needed data from power reactor
licensees.

MEETING CONTACT: Sheldon Stuchell
(301) 415-1847
Sheldon.Stuchell@nrc.gov

* Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings,"
(67 FR 36920), May 28, 2002

CATEGORY 2*: This is a Category 2 meeting. The public is invited to participate in this meeting by discussing issues with the NRC at designated points identified on the agenda. The NRC's Policy Statement, "Enhancing Public Participation on NRC Meetings," effective May 28, 2002, applies to this meeting. The policy statement may be found on the NRC website, www.nrc.gov, and contains information regarding visitors and security.

The NRC provides reasonable accommodation to individuals with disabilities where appropriate. If you need a reasonable accommodation to participate in a meeting or need a meeting notice, the transcript, or other information from a meeting in another format (e.g., Braille, large print) please notify the NRC's meeting contact. Determinations on requests for reasonable accommodation will be made on a case-by-case basis.

PARTICIPANTS: The NRC participants are from NRR, the Office of New Reactors (NRO), and the Office of Nuclear Regulatory Research (RES).

NRC

Jon Ake, RES
Goutam Bagchi, NRO
Nilesh Chokshi, NRO
Martin Stutzke, RES
Patrick Hiland, NRR
Steven Laur, NRR
Yong Li, NRO
Kamal Manoly, NRR
Andrea Russell, NRR

NEI/INDUSTRY

Biff Bradley, NEI
Greg Hardy, SGH
Bob Kassawara, Electric Power Research
Institute
Kimberly Keithline, NEI
Alex Marion, NEI
John Richards, Duke

Project No. 689

Enclosure:
Agenda

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AGENDA FOR THE MAY 18, 2011, PUBLIC MEETING
BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION (NRC),
THE NUCLEAR ENERGY INSTITUTE (NEI) AND OTHER STAKEHOLDERS
TO DISCUSS THE NRC'S INFORMATION COLLECTION NEEDS TO COMPLETE THE
REGULATORY ASSESSMENT OF SEISMIC HAZARD ESTIMATES

TOPIC	DURATION	PRIME
Opening Remarks, Meeting Objectives, and Introductions	9:00 – 9:10 a.m.	Hiland
Industry Opening Remarks	9:10 – 9:20 a.m.	Keithline
Information needed for Generic Issue-199 and its use in the resolution process	9:20 – 9:30 a.m.	Manoly
Discussion of method(s) to be used in developing information <ul style="list-style-type: none"> • Seismic hazard methodology (consistency from site to site): <ul style="list-style-type: none"> ○ Seismic source models; ○ Ground motion models; ○ Development of site-specific site-amplification functions; ○ Development of Review Level Earthquake (RLE) associated with Seismic Margin Analyses (SMA) 	9:30 – 11:00 a.m.	All
Public Comments	11:00 – 11:10 a.m.	
BREAK	11:10 – 11:15 a.m.	
Discussion of method(s) to be used in developing information <ul style="list-style-type: none"> • Options of plant evaluation methodology (Seismic Probabilistic Risk Assessment (PRA), PRA-Based Margin, SMA or others): <ul style="list-style-type: none"> ○ Technical and regulatory merits of using different methods (meets information needs, useable with ease in future, robustness of risk information and insights, etc.) 	11:15 – 11:59 a.m.	All
LUNCH	12:00 – 12:45 p.m.	
Discussion of method(s) to be used in developing information <ul style="list-style-type: none"> • Scope of evaluation: seismic induced fires and floods, other secondary effects: spent fuel pool? Level 2? 	12:45 – 1:50 p.m.	All

<ul style="list-style-type: none">• Quality of studies – American Society of Mechanical Engineers/American Nuclear Society (category II) and Regulatory Guide 1.200, peer review, documentation of results and information to be submitted in each of the methods• Anticipated level of effort and response time associated with each selected approach		
Public Comments	1:50 – 2:00 p.m.	
BREAK	2:00 – 2:10 p.m.	
Schedule and Strategies for overcoming resource challenges <ul style="list-style-type: none">• Prioritization of plants• Coordinated industry effort (e.g., training programs, team approach)• Phased approach and phase submittal of information• Early initiation of certain activities (system models, plant response analysis, etc.)	2:10 – 2:40 p.m.	All
Meeting Summary/Action Items/Next Steps	2:40 – 2:50 p.m.	Manoly
Closing Remarks/Meeting Adjourned	2:50 – 3:00 p.m.	Hiland