

July 26, 2012

MEMORANDUM TO: Robert J. Pascarelli, Chief  
Projects Management Branch  
Japan Lessons-Learned Project Directorate  
Office of Nuclear Reactor Regulation

FROM: Robert J. Fretz, Senior Project Manager */RA/*  
Projects Management Branch  
Japan Lessons-Learned Project Directorate  
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING MEETING WITH THE ELECTRIC POWER  
RESEARCH INSTITUTE TO DISCUSS SEVERE ACCIDENT  
CODES AND MODELS FOR RADIOLOGICAL RELEASE

DATE AND TIME: Wednesday, August 8, 2012  
8:30 a.m. – 4:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission  
Two White Flint North  
Room: T-2B3  
11545 Rockville Pike  
Rockville, MD 20852

PURPOSE: The purpose of this meeting is for the NRC staff to gain an understanding of the industry's analysis and assessment of various means to reduce or limit radiological releases following a severe accident in BWR Mark I and Mark II containments. Discussions will center on the use of Severe Accident Analysis Codes such as MACCS2, and MAAP in the assessment of severe accident progression with a focus on those inputs, models, key parameters and features that impact a radiological release that may cause land contamination. Scenarios with various containment venting, spraying, and flooding strategies simulated will be discussed. Possible containment failure modes will also be discussed.

CATEGORY 2: This is a Category 2 public meeting. The public is invited to participate in this meeting by providing comments and asking questions at points identified on the agenda.

MEETING CONTACT: Robert J. Fretz, NRR/JLD  
301-415-1980  
[Robert.Fretz@nrc.gov](mailto:Robert.Fretz@nrc.gov)

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

PARTICIPANTS: NRC staff, interested stakeholders and members of the public. Participants from the NRC include members of the Office of Nuclear Reactor Regulation (NRR) and Office of Nuclear Regulatory Research (RES).

NRC

R. Fretz, NRR  
R. Dennig, NRR  
R. Lee, RES  
E. Fuller, RES

Industry

R. Wachowiak, EPRI  
J. Gabor, ERIN Engineering

Interested members of the public can participate in this meeting via a toll-free audio teleconference. Please dial in using toll free number 888-769-8913 and pass code: 23610. A Webinar will also be provided for this meeting; please contact Robert Fretz at 301-415-1980 or [Robert.Fretz@nrc.gov](mailto:Robert.Fretz@nrc.gov) by August 3, 2012, if you would like information on the webinar. After August 3rd, please contact Steven Bloom at 301-415-2431 or [Steven.Bloom@nrc.gov](mailto:Steven.Bloom@nrc.gov) no later than August 7, 2012, if you would like information on the webinar. Those desiring to participate in the webinar should note that the meeting contacts may not be able to provide information on the webinar that is requested on the day of the meeting.

Due to possible interest in this topic, people who are planning to attend (either in person or via phone) are strongly encouraged to inform the meeting contact ahead of time. This will allow any necessary adjustments to the meeting location and/or teleconference arrangements to facilitate participation.

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, a 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.

Enclosure:  
Agenda

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<b>OFFICE</b>	PM: NRR/JLD/PMB	LA: NRR/DORL	BC: NRR/JLD/PMB	PM: NRR/JLD/PMB
<b>NAME</b>	RFretz	SRohrer	RPascarelli	RFretz
<b>DATE</b>	07/26/2012	07/26/2012	07/26/2012	07/26/2012

**OFFICIAL RECORD COPY**

AGENDA  
FORTHCOMING PUBLIC MEETING  
TO DISCUSS SEVERE ACCIDENT CODES AND MODELS  
FOR RADIOLOGICAL RELEASE  
Wednesday, August 8, 2012, 8:30 a.m. – 4:00 p.m. EDT

8:30 a.m. – 8:40 a.m.	Welcome and Purpose of Meeting
8:40 a.m. – 8:50 a.m.	(NRR/RES) Opening Remarks
8:50 a.m. – 9:10 a.m.	(NRR) Uncertainties in Severe Accident Analyses
9:10 a.m. – 10:30 a.m.	(EPRI) Industry's use of MAAP and MACCS2 in the assessment of severe accident progression. Topics may include: <ul style="list-style-type: none"><li>• Inputs for development of MAAP Severe Accident Models</li><li>• MACCS2 Models Affecting Radiological Releases</li><li>• Key Parameters and Variables of the Analysis</li><li>• Factors Affecting Radiological Releases following Severe Accident</li></ul>
10:30 a.m. – 10:45 a.m.	Break
10:45 a.m. – 12:00 p.m.	(EPRI) Continuation of industry's use of severe accident analysis codes in the assessment of severe accident progression.
12:00 p.m. – 1:00 p.m.	Lunch Break
1:00 p.m. – 3:15 p.m.	(EPRI/NRC) Discussions regarding use of severe accident analysis codes in the assessment of severe accident progression.
3:15 p.m. – 3:45 p.m.	Opportunity for members of the public to provide comments and ask questions of the NRC Staff.
3:45 p.m. – 4:00 p.m.	Wrap Up

Enclosure