

July 29, 2004

MEMORANDUM TO: Cathy Haney, Program Director  
Policy and Rulemaking Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

FROM: Brian Thomas, Section Chief */RA/*  
Policy and Rulemaking Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

SUBJECT: NOTICE CONCERNING PUBLIC MEETING TO OBTAIN PUBLIC INPUT  
ON REGULATORY ANALYSIS FOR RISK-INFORMED CHANGES TO  
LOSS-OF-COOLANT ACCIDENTS (10 CFR 50.46)

DATE AND TIME: Tuesday, August 17, 2004  
9:00 A.M. - 5:00 P.M.

LOCATION: Two White Flint North, Auditorium  
11545 Rockville Pike (White Flint metro stop)  
Rockville, Maryland 20852

PURPOSE: To hold a one-day public meeting at which stakeholders are invited to provide the NRC with information about the potential costs and benefits for a proposed rule that would permit power reactor licensees to implement a voluntary risk-informed alternative to current requirements for loss-of coolant accidents and for emergency core cooling systems in 10 CFR 50.46. This information will be used to complete the regulatory analysis. The meeting agenda is provided as Attachment 1. A list of questions to solicit stakeholders input on this regulatory analysis is provided as Attachment 2.

The draft rule conceptual basis and draft rule language can be viewed and downloaded electronically via the NRC's rulemaking Web site at <http://ruleforum.llnl.gov> (as of August 2, 2004).

CATEGORY 2: This is a Category 2 meeting. The public is invited to participate in this meeting at designated points during the meeting. Feedback forms will be made available. The meeting will be transcribed. A meeting summary with the list of participants and transcript will be placed on the NRC's rulemaking website.

C. Haney

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PARTICIPANTS:	<u>NRC</u>	<u>STAKEHOLDERS</u>
	B. Sheron	
	C. Ader	
	R. Barrett	
	S. Black	
	J. Gray	
	D. Matthews, et al.	

A limited number of lines are available for interested members of the public to participate in this meeting via a toll-free teleconference. For details, please call one of the NRC meeting contacts listed below.

Attachments: As stated

cc w/att: See next page

CONTACTS: George Mencinsky, NRR  
301-415-3093,  
E-mail: [gjm@nrc.gov](mailto:gjm@nrc.gov)

Brian Thomas, NRR  
301-415-1210,  
E-mail: [bet@nrc.gov](mailto:bet@nrc.gov)

Note:

The NRC's Policy Statement, "Enhancing Public Participation in NRC Meetings," effective May 28, 2002, applies to this meeting. The policy statement may be found on the NRC Web site, [www.nrc.gov](http://www.nrc.gov), and contains information regarding visitors and security.

Seating may be limited and will be available on a first-come basis. Inform the NRC meeting contact of your intention to attend by August 12, 2004. This step will ensure that sufficient copies of meeting materials are available. If reasonable accommodations are required to attend/ participate in the meeting (e.g., sign language interpreter, large format slides), please inform the NRC meeting contact by August 12, 2004, so that arrangements can be considered/made. Because meetings are sometimes canceled or rescheduled as a result of unforeseen circumstances, confirm the meeting schedule.

See next page for distribution.

C. Haney

-2-

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ADAMS ACCESSION NUMBER: ML042110314

OFFICE	NRR:DRIP:RPRP	NRR:DRIP:RPRP:SC
NAME	GMencinsky	BThomas
DATE	7/29/2004	7/29/2004

**OFFICIAL RECORD COPY**

DISTRIBUTION FOR MEETING NOTICE WITH STAKEHOLDERS ON AUGUST 17, 2004

Hard copy:

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RPRP r/f

Receptionist (OWFN/TWFN)

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Brian Sheron

Brian Thomas

Catherine Haney

Charles Ader

Charles Hammer

Christopher Grimes

David Fischer

David Lew

David Matthews

David Skeen

David Terao

Eileen McKenna

Geary Mizuno

Gene Imbro

George Mencinsky

Glenn Kelly

Hossein Hamzehee

Jack Rosenthal

Jared Wermiel

Jennifer Uhle

Joseph Gray

Joseph Shea

Margie Kotzalas

Mark Rubin

Michael Johnson

Michael Tschiltz

Ralph Landry

Richard Barrett

Richard Dudley

Robert Tregoning

Roy Mathew

Scott Burnell

Stephen Bajorek

Stephen Dinsmore

Steve Jones

Stuart Treby

Suzanne Black

Tae (TJ) Kim

Timothy Collins

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**AGENDA FOR PUBLIC MEETING  
TO OBTAIN PUBLIC INPUT ON REGULATORY ANALYSIS  
FOR RISK-INFORMED CHANGES  
TO LOSS-OF-COOLANT ACCIDENTS (10 CFR 50.46)**

**AUGUST 17, 2004**

**TWFN AUDITORIUM**

<b>9:00am-9:20am</b>	<b>Welcoming Remarks\Purpose\Groundrules</b>
<b>9:20am-9:50am</b>	<b>Conceptual Framework of Optional Revised Rule</b>
<b>9:50am-10:30am</b>	<b>Selection of Transition Break Size</b>
<b>10:30am-10:45am</b>	<b>Break</b>
<b>10:45am-11:30am</b>	<b>ECCS Requirements</b>
<b>11:30am-12:30pm</b>	<b>Lunch Break</b>
<b>12:30pm-2:00pm</b>	<b>Determining Plant Modifications Adequacy Design Change Licensing Process LOCA Frequency Reevaluations</b>
<b>2:00pm-2:15pm</b>	<b>Break</b>
<b>2:15pm-4:45pm</b>	<b>Discussion and Feedback on Regulatory Analysis Questions</b>
<b>4:45pm-5:00pm</b>	<b>Closing Remarks\Adjournment</b>

**Note:**

- 1. NRC plans to present draft conceptual basis for the draft proposed rule to assist meeting participants in understanding the revised requirements.**
- 2. After each listed presentation topic, the NRC will respond to questions requesting clarification of the topic area.**
- 3. Afternoon discussions will solicit answers to questions listed on Attachment 2.**

REQUEST FOR INFORMATION AT PUBLIC MEETING  
TO PREPARE A REGULATORY ANALYSIS FOR  
A RULE ON RISK-INFORMED CHANGES  
TO LOSS-OF-COOLANT ACCIDENTS (10 CFR 50.46)

At the public meeting on August 17, 2004, the NRC would like to obtain information about the potential costs and benefits of the above rule changes in order to complete the regulatory analysis for the proposed rule. After licensees and other stakeholders review the draft rule conceptual basis and draft rule language posted on the NRC website (<http://ruleforum.inl.gov>), the NRC would like to obtain information as described below.

1. Estimate the number and type of plants that might pursue this voluntary option. Estimate the costs of performing the ECCS reanalyses at these plants.
2. Provide the estimated number and types of plant design changes that would be permitted by the ECCS reanalyses at these plants (on a per unit basis) and the estimated costs of any decision analyses associated with such design changes.
3. Estimate the costs of additional analyses (apart from the ECCS reanalyses) required by the proposed rule to determine the acceptability of the above design changes. These costs could include but may not be limited to (1) updating probabilistic risk assessments (PRAs) to reflect the new design and to meet the PRA quality and scope requirements and (2) analyses to determine compliance with the risk acceptance criteria and the defense-in-depth criteria.
4. Estimate the number and types of plant design changes (on a per unit basis) that would meet the acceptance criteria for the additional analyses.
5. Estimate the costs of implementing the plant design changes that meet the acceptance criteria for the additional analyses.
6. Estimate any operational costs and/or savings resulting from implementing the above design changes.
7. Estimate any anticipated changes in licensee information collection, reporting, and retention burden that could result if this rulemaking is implemented.