

June 14, 2002

MEMORANDUM TO: William D. Travers
Executive Director for Operations

FROM: Ashok C. Thadani, Chairman /RA/
PRA Steering Committee

SUBJECT: ACTION ITEMS FROM APRIL 24, 2002, PRA STEERING
COMMITTEE MEETING

The PRA Steering Committee (PRASC) met in a public meeting with the Nuclear Energy Institute's Risk-Informed Regulation Working Group (RIRWG) on April 24, 2002. Attendees of the meeting are listed in the Attachment.

The meeting agenda and associated action items are as follows:

1. Risk-Informed Changes to Reactor Safety Requirements (Option 3)

The status of the staff's work to change reactor safety requirements using risk information was summarized by M. Drouin (NRC/RES). The nuclear industry's interest in three issues related to the staff's work to change 10 CFR 50.46 (emergency core cooling system requirements) - decay heat standard, LOOP/LOCA frequency and ECCS reliability, and LB LOCA redefinition - was discussed by A. Pietrangelo (NEI). Plans for discussing these issues, including upcoming meetings, were reviewed.

A. Thadani (NRC/RES) summarized the staff's process for screening and recommending additional changes to Part 50, and noted the staff's consideration of possible changes to Appendices G (fracture toughness requirements) and H (reactor vessel material toughness program requirements) after completion of the staff's work to reevaluate 10 CFR 50.61 (pressurized thermal shock). He requested industry input on the direction NRC should be heading after work on 50.46 is completed. NEI indicated that focus should be on completing ongoing projects prior to starting new ones and offered to provide more input at a later date.

Action Items: None

2. Risk-Informed Changes to Scope of Special Treatment Requirements (Option 2)

The status of the staff's work to develop a voluntary, alternative rule on the scope of special treatment requirements (10 CFR 50.69) was summarized by D. Matthews (NRC/NRR). He noted that draft rule language was available on NRC's web site. The industry indicated that substantive issues remained to be resolved. F. Gillespie (NRC/NRR) indicated discussions need to be held concerning the relationship between the draft wording in 50.69 and aspects of Part 54 (license renewal requirements).

Action Item: NRC/NRR will initiate follow-up discussions on Part 54.

3. Risk Management Technical Specifications

The status of ongoing staff work and industry interactions was summarized by Mr. Matthews. Mr. Gillespie noted that technical specification's limits (contained in 10 CFR 50.36) should continue to be discussed.

Action Item: NRC, NEI, and other interested stakeholders will continue to interact in public meetings on this subject.

4. PRA Standards and Associated Regulatory Guides

Mr. Thadani noted that the ASME standard was released on April 5, and that the staff's endorsement of the standard and NEI's peer review process (NEI-00-02) would be addressed in a new regulatory guide. Ms. Drouin provided a status report on the revision to Regulatory Guide 1.174 and the new regulatory guide (which, at the time, were the subjects of a Commission paper under internal NRC review). This new guide will be the subject of a series of separate public meetings, with the first planned to be held in late May 2002. [Subsequent to the meeting, the Commission paper was issued as SECY-02-0070, dated April 24, 2002.]

Action Item: NRC, NEI, and other interested stakeholders will continue to interact in public meetings on this subject.

5. Other

H. Ray (Southern California Edison) raised the issue of the implications of the Davis-Besse condition on the work to risk-inform regulations and regulatory processes. Mr. Thadani responded, indicating that the condition raised issues with respect to both NRC's traditional deterministic and risk-informed regulatory processes, and noted the need for greater consideration of epistemic (modeling) uncertainties in our decision making processes.

Action Items: None

6. Preparation for next meeting

The next public meeting tentatively was scheduled for late June 2002, to be held at NEI offices in Washington, DC.

Action Item: NRC/RES staff will contact NEI staff on an acceptable date (and agenda items) for the next meeting.

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DOCUMENT NAME: g:\Cunningham\NEI2-24-.wpd

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OFFICE	DRAA/PRAB	DRAA	RES	
NAME	Cunningham	Newberry	Thadani	
DATE	06/ 10/2002	06/ 14/2002	06/ 14/2002	

Attendance List

NRC PRA Steering Committee Public Meeting with
NEI Risk-Informed Regulation Working Group
April 24, 2002

Name	Organization	Phone
Christine Schulte	NRC/RES	(301) 415-6698
Mary Drouin	NRC/RES	(301) 415-6675
Mike Cheok	NRC/NRR	(301) 415-8380
Gareth Parry	NRC/NRR	(301) 415-1464
Jack Haugh	EPRI	(650) 855-2768
Scott Newberry	NRC/RES	(301) 415-5790
Tony Pietrangelo	NEI	(202) 739-8081
Biff Bradley	NEI	(202) 739-8083
Doug True	ERIN	(925) 943-7077
Mike Knapik	McGraw-Hill	(202) 383-2167
Mark Cunningham	NRC/RES	(301) 415-6189
Joe Colaccino	NRC/OEDO	(301) 415-2276
Ben George	Southern Nuclear	(205) 992-7870
Mike Schoppman	NEI	(202) 739-8011
Deann Raleigh	LIS/Sciencetech	(240) 626-9556
Eileen McKenna	NRC/NRR	(301) 415-2189
Dick Dudley	NRC/NRR	(301) 415-1116
Ashok Thadani	NRC/RES	(301) 415-6641
Steve West	NRC/NRR	(301) 415-1220
Sam Lee	NRC/NRR	(301) 415-3109
Dick Whipple	WESTINGHOUSE (WOG)	(412) 374-5232
Nancy Chapman	SERCH/BECHTEL	(301) 228-6025
Walter Justice	TVA	(423) 751-6036
John Lubinski	NRC/OE	(301) 415-2740
Jeff Jeffries	Paradigm Consulting	(919) 481-4578
Ellen Anderson	NEI	(212) 739-8117
Rick Hill	GE	(408) 925-5388

Name	Organization	Phone
John Blosser	Ameren	(573) 676-8190
Michael Mayfield	NRC/RES	(301) 415-5678
Glenn Kelly	NRC/NRR	(301) 415-1075
Ching Guey	FPL	(561) 694-3137
Glen Schinzel	STPNOC	(301) 972-7854
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David Hembree	INPO	(770) 644-8991
Bob Dennig	NRC/NRR	(301) 415-1156
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Bill Borchardt	NRC/NRR	(301) 415-1284
Chris Grimes	NRC/NRR	(301) 415-1184
Joe Gray	NRC/OGC	(301) 415-1740
Frank Gillespie	NRC/NRR	(301) 415-1267
Jim Levine	APS	(602) 250-2095
Harold Ray	SCE	(626) 302-1695
David Matthews	NRC/NRR	(301) 415-1199
Bill Bohlke	Exelon	(630) 657-3757