

October 16, 2003

MEMORANDUM TO: Scott F. Newberry, Director
Division of Risk Analysis & Applications
Office of Nuclear Regulatory Research

THRU: Alan Rubin, Acting Chief / **RA** /
Probabilistic Risk Analysis Branch
Division of Risk Analysis & Applications
Office of Nuclear Regulatory Research

FROM: Mary T. Drouin / **RA** /
Probabilistic Risk Analysis Branch
Division of Risk Analysis & Applications
Office of Nuclear Regulatory Research

SUBJECT: NOTICE OF A PUBLIC WORKSHOP WITH INTERESTED
STAKEHOLDERS FOR THE DISCUSSION REGARDING THE FRAME
WORK FOR ADVANCED REACTOR LICENSING

DATE AND TIME: November 19, 2003
8:30 a.m. - 5:00 p.m.

LOCATION: Double Tree Hotel
1750 Rockville Pike
Conference Room Plaza II
Rockville, MD 20852

PURPOSE: To discuss and solicit comments on preliminary staff options on:

- (1) the new technology-neutral regulatory structure/framework for advanced reactor licensing, and
- (2) the functional performance standards (i.e., functional requirements and criteria) be for the containment design of advanced non-light water reactors.

The topics to be covered in the workshop on the framework will include:

- the proposed scope of the framework (e.g., public risk, worker risk, land contamination)
- the proposed cornerstones defining what is meant by safe nuclear power plant design, construction and operation
- the proposed guidance for establishing the qualitative safety expectations
- the proposed quantitative risk guidelines to be used in the decision-making process
- the propose criteria for selecting "design basis accidents"
- the proposed guidance for treating uncertainties via defense-in-depth including preliminary definition for defense-in-depth

*Meetings between the NRC technical staff and applicants or licensees are open for interested members of the public, petitioners, interveners, or other parties to attend as observers pursuant to "Commission Policy Statement on Staff Meeting Open to the Public," 65 Federal Register 56964, 9/20/2000. Persons other than NRC staff and NRC contractors interested in making a presentation at the workshop should notify Amarjit Singh, Office of Nuclear Regulatory Research, MS: T-10E50, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555-0001, (301) 415-0250, email: ax3@nrc.gov

PARTICIPANTS: NRC
S. Newberry T. King
M.Drouin S. Rubin

cc: See below

Members of the public who wish to attend should contact Brad Hardin at (301) 415-6561 or wbh@nrc.gov.

Distribution:

Hard Copy

DRAA Chron	Jmoore, OGC	HMiller, Region I
PRAB r/f	FEltawila, RES	LReyes, Region II
MAAitcheson, RES	JFlack, RES	RCaldwell, Region III
JDyer, NRR	MJVirgilio, NMSS	BMallett, Region IV
ACThadani, RES	MAAitcheson, RES	OPA
SBlack, NRR	DMatthews, NRR	PMNS
JStrosnider, RES	SRubin, RES	Tking, RES
SFNewberry, RES	MJohnson, NRR	JLyons, NRR
MEMayfield, RES	CEAder, RES	JWilson, NRR
MCunningham, RES		

DOCUMENT NAME: g:\ASingh\meeting notice.advancereactors.rev0. wpd

OAR in ADAMS? (Y or N) Y ADAMS ACCESSION NO.: ML TEMPLATE NO. NRC-001

Publicly Available? (Y or N) Y DATE OF RELEASE TO PUBLIC Immediate SENSITIVE? N

To receive a copy of this document, indicate in the box: "C" = Copy without enclosures "E" = Copy with enclosures "N" = No copy

OFFICE	DRAA/PRAB		DRAA/PRAB		DRAA/PRAB				
NAME	ASingh		MDrouin		A. Rubin				
DATE	10/ 16 /2003		10/ 16 /2003		10/ 16 /2003				

(RES File Code) RES _____

NOTICE OF A PUBLIC WORKSHOP WITH INTERESTED STAKEHOLDERS FOR THE DISCUSSION
REGARDING THE FRAME WORK FOR ADVANCED REACTOR LICENSING

PRELIMINARY AGENDA

November 19, 2003

Double Tree Hotel, 1750 Rockville Pike, Conference Room Plaza II

TIME

TOPIC

Morning —

8:30	-	8:40	Introduction, overview
8:40	-	9:00	Proposed scope, structure, schedule of the framework
9:40	-	10:00	Proposed guidance for establishing the safety expectations
10:00	-	10:15	BREAK
10:15	-	11:00	Proposed quantitative risk expectation (e.g., public risk, worker risk, land containation) <ul style="list-style-type: none">• high level safety objectives• surrogates
11:00	-	11:30	Proposed criteria for design expectations (e.g., guidance for selecting “design basis events”)
11:30	-	12:45	LUNCH

Afternoon —

12:45	-	1:15	Proposed guidance for treating uncertainties via defense-in-depth including preliminary defination for defense-in-depth
1:15	-	1:30	Presentation by K. Fleming on defense-in-depth
1:30	-	2:00	MIT presentation on advanced reactor framework
2:00	-	2:15	BREAK
2:15	-	4:00	NRC presentation and open discussion regarding the functional performance standards (i.e., functional requirements and criteria) for the containment design of advanced non-light water reactors.
4:00	-	5:00	Discussion/Wrap-up
5:00			Adjourn