

October 17, 2002

MEMORANDUM TO: Michael R. Johnson, Chief  
Probabilistic Safety Assessment Branch  
Division of Systems Safety and Analysis  
Office of Nuclear Reactor Regulation

FROM: See-Meng Wong/**RA**/ M. Reinhart for  
Licensing Section  
Probabilistic Safety Assessment Branch

SUBJECT: PUBLIC WORKSHOP TO DISCUSS THE IMPROVEMENT FOR PHASE  
1 AND PHASE 2 FIRE PROTECTION SIGNIFICANCE  
DETERMINATION PROCESS (SDP) METHODOLOGY

DATE AND TIME: November 6-8, 2002  
9.00 a.m. - 4.30 p.m.

LOCATION: Ramada Inn Hotel Rockville  
1775 Rockville Pike  
Rockville, Maryland

PURPOSE: To discuss a proposed Phase 1 screening process for the fire protection  
SDP, and discuss proposed approaches for addressing each issue  
affecting the Phase 2 methodology to develop improvements for the  
Phase 2 fire protection SDP methodology.

BACKGROUND: Under the NRC new Reactor Oversight Process, a current version of the  
fire protection SDP methodology (Appendix F, IMC 0609A) has been  
used to determine the risk significance of fire protection inspection  
findings. Feedback from NRC staff users indicate that the fire protection  
SDP can be improved to be more effective and efficient in its use.

AGENDA TOPICS: 1. Proposed Phase 1 Screening Process  
2. Issues Affecting Phase 2 Methodology

\*Meetings between NRC technical staff and applicants or licensees are open for interested members of the public, petitioners, intervenors, or other parties to attend as observers pursuant to the Commission Policy Statement on "Staff Meetings Open to the Public: Final Policy Statement," 65 *Federal Register* 56964, 9/20/2000. Members of the public who wish to attend should contact See Meng Wong at (301)415-1125 or [SMW1@nrc.gov](mailto:SMW1@nrc.gov).

Attachments: Agenda

CONTACT: See-Meng Wong, NRR/DSSA/SPSB  
(301) 415-1125

The public is invited to this meeting. The public is also invited to participate, observe, provide comments, or raise questions and provide feedback regarding purpose, scope, clarity, and responsiveness to questions raised during the meeting. Feedback forms to record comments will also be provided.

PARTICIPANTS:

NRC

M. Cunningham J. Hannon M. Johnson  
M. Reinhart E. Weiss P. Koltay  
S. Wong G. Parry P. Lain J. Hyslop  
J. Trapp W. Rogers R. Langstaff  
R. Nease S. Nowlen (SNL)

INDUSTRY

F. Emerson, et. al

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PARTICIPANTS:

	<u>NRC</u>		<u>INDUSTRY</u>
M. Cunningham	J. Hannon	M. Johnson	F. Emerson, et. al
M. Reinhart	E. Weiss	P. Koltay	
S. Wong	G. Parry	P. Lain	J. Hyslop
J. Trapp	W. Rogers	R. Langstaff	
R. Nease	S. Nowlen (SNL)		

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Fire Protection SDP Public Workshop  
Washington Terrace Hotel, D.C.  
November 6-8, 2002

**PRELIMINARY PROGRAM**

Workshop Objectives

- (a) To discuss the Phase 1 screening methodology for the fire protection SDP methodology.
- (b) To discuss the approaches for addressing each issue affecting the Phase 2 methodology.

**WEDNESDAY, November 6**

8:30 - 8:45	Welcome and Workshop Objectives	Michael Johnson
8:45 - 9:15	Phase 1 Screening Methodology	S. Wong
9:15 - 9:45	Phase 2 Objectives and Goals	Peter Koltay
9:45 - 10:00	Break	
10:00 - 2:00	Licensing Bases Issue	M. Reinhart
12:00 - 1:30	Lunch	
1:30 - 3:00	Quantification Approach	J.S. Hyslop
3:00 - 3:15	Break	
3:15 - 4:30	Fire Scenario Development	Paul Lain
4:30	Adjourn	

**THURSDAY, November 7**

8:30 - 10:00	Fire Scenario Frequency	J.S. Hyslop
10:00 - 10:15	Break	
10:15 - 11:00	Degradation Ratings for Fixed Fire Detection Systems	Fred Emerson

11:00 - 12:00	Degradation Ratings for Fixed Fire Suppression Systems	Fred Emerson
12:00 - 1:15	Lunch	
1:15 - 2:15	Manual Suppression and Fire Brigade Response Evaluations	Paul Lain
2:15 - 3:00	Fire Barriers	Dan Frumkin
3:00 - 3:15	Break	
3:15 - 4:30	Compensatory Measures	Fred Emerson
4:30	Adjourn	

**FRIDAY, November 8**

8:30 - 10:00	Safe Shutdown Findings and Credit for Human Actions	Gareth Parry
10:00 - 10:15	Break	
10:15 - 11:15	Treatment of Appendix R Exemptions	Peter Koltay
11:15 - 12:00	Closing Plenary	Mark Reinhart
12:00	Adjourn	

Memo to M. Johnson

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