



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

July 8, 1998

MEMORANDUM TO: Ledyard B. Marsh, Chief
Plant Systems Branch
Division of Systems Safety and Analysis
Office of Nuclear Reactor Regulation

FROM: Leon E. Whitney, Sr. Reactor Systems Engineer *EW*
Plant Systems Branch
Division of Systems Safety and Analysis
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING WORKSHOP ON POST-FIRE SAFE
SHUTDOWN CIRCUIT ANALYSIS

DATE & TIME: July 23, 1998, 8:00 a.m. - 5:00 p.m.

LOCATION: Bethesda Marriott
5151 Pookshill Rd
Bethesda, Maryland 20814

PURPOSE: Discuss with the nuclear industry and the public the status of post-fire safe shutdown circuit analysis and the implementation of circuit analysis results at commercial nuclear reactors. A summary of the questions and comments discussed at the workshop on post-fire safe shutdown circuit analysis and of staff follow up plans and actions will be generated by the staff and distributed to the registered participants after the workshop.

PARTICIPANTS: * NRC PUBLIC
B. Sheron Nuclear Energy Institute
G. Holahan Interested Members of Public and Industry
L. Marsh
S. West
P. Madden
C. Bajwa
L. Whitney, et al.

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Attachments: 1. Intent to Attend Form
2. Agenda

cc: See next page

CONTACT: Leon E. Whitney
(301) 415-3081

*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 "Commission Policy Statement on Staff Meetings Open to the Public" 59 Federal

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Ledyard B. Marsh

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Register 48340, 9/20/94. Individuals wishing to make a presentation at the workshop should contact Leon Whitney directly (LEW1@NRC.GOV). Individuals who wish to attend the workshop are encouraged to return the enclosed Intent to Attend form to Leon Whitney, U.S. Nuclear Regulatory Commission, OWFN 8D1, Washington DC, 20555.

INTENT TO ATTEND FORM

POST-FIRE SAFE SHUTDOWN CIRCUIT ANALYSIS WORKSHOP

July 23, 1998
Bethesda Marriott
5151 Pookshill Rd
Bethesda, MD 20814

It is my intention to attend the workshop. ☐

I wish to make a presentation at the workshop ☐

I have the following special needs: _____

NAME: _____

AFFILIATION: _____

ADDRESS: _____

PHONE NUMBER: () _____

Please return this form to Leon Whitney, U.S. NRC, O8D1, Washington, D.C., 20555.

POST-FIRE SAFE SHUTDOWN CIRCUIT ANALYSIS WORKSHOP AGENDA

Location: Bethesda Marriott Hotel, Pooks Hill

Date: July 23, 1998

- 7:30 - 8:00 Registration/Acceptance of Papers/Input from Industry and Public/Handout of Agenda
- 8:00 - 8:10 Introduction/Presentation of Agenda - Tad Marsh, Chief, Plant Systems Branch, NRR
- 8:10 - 8:20 Discussion of Workshop Purpose - Brian Sheron, Acting Associate Director for Technical Review
- 8:20 - 8:25 Introductory Remarks by a Public Representative
- 8:30 - 8:30 Introductory Remarks by an Industry Representative
- 8:30 - 9:00 NRC Presentation of U.S. Commercial Nuclear Reactor Plant Post-fire Safe Shutdown Circuit Analysis History and Safety Significance. NRC Discussion of the Potential Severity of Fire-induced Reactor Plant Transients - NRR/SPLB, BNL
- 9:00 - 9:15 Summary of Industry Views of the Regulatory History of the Post-fire Safe Shutdown Circuit Analysis Issues - NEI
- 9:15 - 9:30 NRC Presentation of Post-fire Safe Shutdown Circuit Analysis Issues as Recently Identified through Inspection, Licensing and Event Experience - NRR/SPLB
- Break
- 9:45 - 11:00 Industry and Public Presentations on Selected Technical Topics (five, 15 minute talks)
- 11:00 - 12:00 Public/Industry/NRC Panel Discussion on the Technical Issues Addressed in Information Notice 92-18 on "MOV Hot Shorts".
- 12:00 - 1:30 Lunch Break
- 1:30 - 2:30 Public/Industry/NRC Panel Discussion on Circuit Analysis Fault Terminology, and the Types of Assumptions Necessary Regarding Multiple Spurious Electrical Faults, Signals and/or Actuations in a Single Fire.
- 2:30 - 3:30 Public/Industry/NRC Panel Discussion of the Scope of Necessary Post-fire Safe Shutdown Circuit Analyses and Resultant Plant Modifications - Likelihood and Consequences of Circuit Damage Which Affects Post-fire Safe Shutdown Capability.
- Break
- 3:45 - 4:45 Question and Answer Session (NRC, public and industry representatives on the dais).

4:45 - 4:50 Public Closing Remarks

4:50 - 4:55 Industry Closing Remarks

4:55 - 5:00 NRC Closing Remarks

Meeting Notice

E-Mail

S. Collins/F. Miraglia
B. Sheron
G. Holahan
S. Newberry
L. Marsh
S. West
P. Madden
L. Whitney
E. Connell
P. Qualls
M. Salley
C. Bajwa
J. Holmes
D. Oudinot
L. Tran
A. Singh
R. Jenkins
N. Siu
W. Ruland, RI
A. Belisle, RII
R. Gardner, RIII
T. Stetka, RIV
T. Martin (e-mail to SLM3)
E. Hayden
C. Hehl (Reg I)
J. Wiggins (Reg I)
L. Plisco (Reg II)
J. Jaudon (Reg II)
G. Grant (Reg III)
J. Grobe (Reg III)
T. Gwynn (Reg IV)
A. Howell (Reg IV)
B. McCabe (BCM)
M. Tschiltz (MDT)
T. Hiltz (TGH)
D. Lange (DJL)
PMNS (Meeting Announcement Coordinator)

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