

May 7, 2003

MEMORANDUM TO: Mark A. Satorius, Chief
Performance Assessment Section
Inspection Program Branch
Division of Inspection Program Management
Office of Nuclear Reactor Regulation

FROM: John W. Thompson, Senior Reactor Operations Engineer */RA/*
Inspection Program Branch
Division of Inspection Program Management
Office of Nuclear Reactor Regulation

SUBJECT: PUBLIC MEETING SUMMARY ON THE MITIGATING SYSTEMS
PERFORMANCE INDEX AND REACTOR OVERSIGHT
PROCESS MONTHLY MEETINGS HELD ON APRIL 30 AND
MAY 1, 2003

On April 30, and May 1, 2003, a combined Mitigating Systems Performance Index/Reactor Oversight Process (MSPI/ROP) public meeting was held at the One White Flint North Building, Room 14B8 and 7B6, respectively. The staff presented the status and most recent findings of the MSPI program and pilot issues. The ongoing staff effort to enhance the simplified plant analysis risk (SPAR) models for the twenty pilot plants in the program discussed possible solutions to remaining open items as well as the proposed time line to complete development and implement the MSPI.

The May 1, 2003, ROP meeting discussed proposed changes to the significance determination process (SDP) manual chapter appendices, inspection procedural changes, and open and new Frequently Asked Questions (FAQs) on the performance indicators (PIs). Topics discussed by the staff included updated status of the ROP efficiency focus group, SDP topics for the maintenance rule and other SDPs under development and implementation schedule. The staff also provided a discussion on PI improvements and update of the industry's self assessment program.

The May 1, 2003, ROP meeting participants also discussed ongoing and new PI FAQs for the remainder of the public meeting (Attachment 8).

Attachments 1 and 2 contain the attendance lists for the combined MSPI/ROP public meeting. Attachments 3 and 4 contain the agenda for both days and the MSPI time line, with Attachment 5 the slides used in the briefing of the ongoing research results for MSPI open issues. Attachment 6 contains STP MSPI FAQ.

The next combined meetings of the MSPI and ROP Working Groups is scheduled for May 21 and 22, 2003, respectively.

Attachments: As stated

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Attachments: As stated

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DATE:	05/ 07/03	

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ATTENDANCE LIST
INDUSTRY/STAFF MSPI PUBLIC MEETING
April 30, 2003

NAME	AFFILIATION
John Thompson	NRC
Eugene Cobey	NRC
Donald Dube	NRC
Patrick Baranowsky	NRC
Donald Hickman	NRC
Dave Wrona	NRC
Mark Satorius	NRC
Victor McCree	NRC
Thomas C. Houghton	NEI
Greg Gibson	SoCal Edison
Jim Sumpter	NPPD
Robin Ritzman	PSEG
Duane Kanitz	APS
Gerry Sowers	APS
Don Olson	Dominion
Leonard Sueper	NMC
Kenneth M. Heffner	Progress Energy
Michael Scarpello	AEP
Rick Thomas	Entergy
Gary Gilbert	Duke
Mike Strait	Exelon
Gary Welsh	INPO

ATTENDANCE LIST
INDUSTRY/STAFF ROP PUBLIC WORKSHOP MEETING
May 1, 2003

NAME	AFFILIATION
John Thompson	NRC
Mark Satorius	NRC
Donald Hickman	NRC
Dave Wrona	NRC
Marvin Sykes	NRC
Robert Kahler	NRC
Jeff Jacobson	NRC
Robert Pascarelli	NRC
Michael Yox	CEG
Edward H. Roach	CEG
Kevin Williams	NRC
Kathryn Brock	NRC
Ted Quay	NRC
Allan Barker	NRC
Larry Turner	NRC
A. Masciantonio	NRC
Michael Scarpello	AEP
Susan D. Simpson	AEP
Jim Riley	NEI
Tom Houghton	NEI
Tony Pietrangelo	NEI
Don Olson	Dominion
John Giddens	Southern Nuclear
Greg Gibson	SoCal Edison
Jim Sumpter	NPPD
Duane Kanitz	APS/STARS
Leonard Sueper	NMC

MSPI WORKING GROUP PUBLIC MEETING AGENDA

April 30, 2003
OWFN 14B8

- | | | |
|------------------|---|----------------------|
| 8:00-8:15 a.m. | <u>Introductions</u> | (NRC staff/Industry) |
| 8:15-9:00 a.m. | <u>High Level Staff Overview</u> | (J. Thompson, NRR) |
| | 1. MSPI Time Line of Pilot Activities
2. Challenges for MSPI implementation | |
| 9:00-10:00 a.m. | <u>Ongoing MSPI Research Results & Discussion</u> | (Don Dube, RES) |
| | 1. Independent Verification
2. Invalid and Insensitive Indicators
3. Treatment of Common Cause in F-V
4. System Boundaries
5. Support System Initiators and Impact of F-V
6. Technical Basis for Excluding Active Valves with Low F-V/UR
7. Summary | |
| 10:00-10:15 a.m. | Public Discussion & Break | |
| 10:15-12:00 p.m. | <u>Continue Resolution of Ongoing MSPI Research</u> | (D. Dube, RES) |
| | -Continue with discussion on Technical Issues
-Questions and Answers session | |
| 12:00-1:00 p.m. | Lunch | |
| 1:00 - 2:30 p.m. | <u>Discussion on Solutions to Issues</u> | (All) |
| 2:30 - 2:45 p.m. | Public Discussion & Break | |
| 3:30 - 4:00 p.m. | <u>Improved Guidance / Action Items</u> | (All) |
| | -Identify areas/issues to resolve in the short term
-Top items requiring resolution
-Future workshop issues
-Communication and training issues | |

ROP MONTHLY WORKING GROUP MEETING

AGENDA

May 1, 2003

OWFN 7B4

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|------------|--|
| 08:00 a.m. | Welcome and Introduction |
| 0815 a.m. | General discussion on ROP inspection processes, improvements and initiatives |
| 08:30 a.m. | Discussion on Proposed SDP changes |
| 10:15 a.m. | Public Discussion & Break |
| 10:30 a.m. | Update on Self Assessment Program |
| 11:15 a.m. | Discussion on PI FAQ Processes & Improvements |
| 12:00 p.m. | Break for Lunch |
| 1:00 p.m. | Discussion of FAQs Associated w/Scrams w/LONHR |
| 2:15 p.m. | Public Discussion & Break |
| 2:30 p.m. | Discussion of other FAQs |
| 4:00 p.m. | Adjourn |

TIME LINE FOR MSPI IMPLEMENTATION

Task	Pri/Sec Lead	Start Date	Due Date
Resolve open system boundary issues	Industry/RES	-----	5/21/03
Resolve differences between SPAR and licensee PRA	RES/Industry	-----	6/30/03
Brief ACRS subcommittee on MSPI progress	RES/IIPB	-----	6/30/03
Resolve technical issues requiring industry commitment (see commitment issues matrix)	RES/IIPB	-----	8/31/03
Perform table top exercises and SDP comparisons	RES	7/1/03	8/31/03
Evaluate appropriate use of SDP for external event analysis (MSPI programmatic implementation issue)	RES/regional SRAs	-----	9/19/03
Evaluate pilot results / decide - - success or failure	RES/everybody	-----	9/30/03
Conduct ACRS subcommittee briefing update	RES/IIPB	-----	1/1/04
Conduct lessons learned workshop	IIPB/RES	1/04	1/31/04
Issue RIS on pilot program completion, referencing new MSPI in NEI 99-02	IIPB	-----	2/30/04
Modify NEI 99-02 to reflect new MSPI guidance	ROP Working Group	12/1/03	3/31/04
NRC- revise appropriate ROP procedures	IIPB	12/1/03	3/31/04
NRC -conduct regional training on MSPI	IIPB/RES	3/1/04	5/31/04
Licensees certify PRA QA standards met	Industry/NEI	5/31/04	5/31/04
New TI to support MSPI full implementation	IIPB	8/31/04	8/31/04
Industry to update procedures, train staff, etc.	Industry	10/31/04	10/31/04
Historical 3-year MSPI data submittal	Industry/NEI	10/31/04	10/31/04
Start of data collection for full implementation of MSPI	Industry	1/1/05	1/1/05