

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

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

Attachments: As stated

DISTRIBUTION:

NRC File Center

IIPB r/f

PUBLIC

Accession Number:ML031270049 (package)

| | | |
|--------------|----------------|--|
| OFC: | DIPM/IIPB | |
| NAME: | JWThompson:kig | |
| DATE: | 05/ 07/03 | |

OFFICIAL RECORD COPY

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

- | | |
|------------|--|
| 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 |