

May 25, 2001

MEMORANDUM TO: Patrick Baranowsky, Chief
Operating Experience Risk Analysis Branch
Division of Risk Analysis and Applications
Office of Nuclear Regulatory Research

Steven Mays, Assistant Branch Chief
Operating Experience Risk Analysis Branch
Division of Risk Analysis and Applications
Office of Nuclear Regulatory Research

FROM: Bennett Brady
Operating Experience Risk Analysis Branch
Division of Risk Analysis and Applications
Office of Nuclear Regulatory Research

SUBJECT: SUMMARY OF EPIX AD HOC SUBCOMMITTEE AND EPIX AD HOC
WORKING GROUP MEETINGS, MAY 1 AND MAY 3, 2001

I represented the NRC at meetings of the EPIX Ad Hoc Subcommittee and EPIX Ad Hoc Working Group on May 1 and May 3, respectively, at INPO Headquarters in Atlanta. The list of attendees and agenda for the meetings are shown in Attachments 1 and 2. On May 2, I attended a training session on data entry in EPIX 4.0, the totally web-based system for data entry and retrieval to be released in September 2001.

Most of the discussion was on EPIX 4.0, the alternate proposal for reliability data reporting, and the Consolidated Data Advisory Committee (CDAC). Items of interest and actions of particular interest to NRC staff were:

- EPIX 4.0
 - Quality improvements - Concurrent to the rollout of 4.0, INPO and industry will be completing a number of database changes that will make importing data to RADS easier and more accurate:
 - Eliminating all free form fields and translating failure modes, cause codes, corrective actions and preventive actions fields into fixed fields that more closely correspond to RADS fields.
 - Ensuring that all appropriate key components have the standard industry common component names (former NPRDS Application Code names) that are used by RADS
 - Eliminating overlapping unavailability entries (two or more failed components in the same train, subsystem, or subsystem train with overlapping periods of unavailability)

- Completing missing reliability data and resolving questionable reliability entries (short time periods, excessive demands or run hours, minimal demands and run hours)
- New data or changes - EPIX 4.0 will provide a number of data fields needed by NRC users:
 - Identification of PSA failures
 - Identification of ESF failures
 - Fault exposure time
 - System train configurations
 - Excludes return-to-service test demands
 - Plant mode change (Optional until EPIX 4.0)
 - Unavailability tracking (Optional until decision by CDAC)
 - Unavailability as collected for Maintenance Rule will be reported to EPIX.
 - EPIX will map the unavailability data reported to the unavailability data required for ROP and WANO indicators.
 - EPIX 4.0 will build in the flexibility to capture the data elements of unavailability agreed to by the CDAC.
- Other EPIX 4.0 capabilities useful for NRC users:
 - Word searches of documents attached to failure reports
 - Capability to search EPIX and NPRDS archive at the same time (under consideration. This would slow down search process.)
- Alternate Rules for Reliability Data Reporting
 - At a February meeting, INPO presented a proposal for an alternate rule for reliability data reporting that would provide more of the demand data that NRC needs and reduce reporting burden on industry.
 - I presented the NRC response to the proposal (Attachment 3). This response was coordinated with the NRC RADS Coordination Group and branches in NRR and RES using reliability data.
 - The Ad Hoc Working Group members (about 18) agreed for the components in the SSPI scope to review the NRC response with their utilities and send INPO
 - An estimate of the reporting burden associated with the NRC request
 - Any problems in reporting what NRC is requesting.
 - Based on their response, INPO will
 - Revise EPIX guidance
 - Make changes in EPIX 4.x
 - For components in the expanded scope (the NRC request for additional systems/components for SSPI-type reporting), the NRC proposal will be decided by the CDAC.

- Consolidated Data Advisory Committee
 - Tim Geib, INPO, gave a presentation on the status of the project and the data entry manual.
 - The system and manual are being designed to collect data for ROP, WANO, and MOR.
 - Collection of data for Maintenance Rule is under consideration.
 - The system will map data elements reported to the indicators for ROP, and WANO.

Attachments: As stated

cc: J. Bishop, INPO
G. Masters, INPO

MEMORANDUM DATED: 5/25/01

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WORKING GROUP MEETINGS, MAY 1 AND MAY 3, 2001

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EPIX AD HOC SUBCOMMITTEE MEETING

May 1, 2001

Attendees

Jo Ann Amick	Summer
Joe Bishop	INPO
Bennett Brady	NRC
Andy Cato	Vogtle
Paul Crossland	ANO
George Felgate	INPO
Julie Gadzinski	Kewanee
Kim Hulsey	INPO
Neil Lossing	INPO
Jim Maddox	Watts Bar
Glen Masters	INPO
Craig Nierode	Monticello
John Ramsdale	San Onofre
Steve Rowe	ANO
Pam Sergeant	Nine Mile Point
Rich Slone	INPO
Mike Strait	Exelon

EPIX AD HOC WORKING GROUP

May 3, 2001

Attendees

Jo Ann Amick	Summer
Charlie Akula	Bechtel
Joe Bishop	INPO
Bennett Brady	NRC
Martin Bridges	EPRI
Andy Cato	Vogtle
Paul Crossland	ANO
Sam Cummings	Nine Mile Point
George Felgate	INPO
Julie Gadzinski	Kewanee
Tim Geib	INPO
Ernie Hite	Duke Power
Kim Hulsey	INPO
Nancy Lauer	Bechtel
Stanley Levinson	Framatome
Neil Lossing	INPO
Jim Maddox	Watts Bar
Glen Masters	INPO
Jim Merced	Comanche Peak
John Ramsdell	San Onofre
Pam Sergeant	Nine Mile Point

Rich Slone

INPO

Mike Strait

Exelon

Gary Welsh

INPO

**Ad Hoc Subcommittee Meeting Agenda
May 1, 2001
Room 216**

0800	Welcome / Introductions – Joe Bishop / Jim Maddox
0815 - 845	Review Agenda Review Action Items from December 2000 Meeting – Joe Bishop <ul style="list-style-type: none"> • Committee members provide feedback on Web site Users Guide (12/21/00 email) • Review/reduce the number of cause codes • Select “lookup” tables posted on Web site • Failure mode translation
0845 - 0945	Prioritizing Pilot Feedback - Neil Lossing
0945 - 1000	Break
1000 - 1100	Web site Design - Glen Masters
1100 - 1130	Web Performance Issues - Neal Lossing/Glen Masters
1130 -1230	Lunch
1230 - 1330	Data Quality/Conversion Issues – Glen Masters/Neal Lossing
1330 - 1415	Proposed Revisions to 98-001- Joe Bishop
1415 - 1430	Break
1430 - 1500	Output Reports - Glen Masters
1500 - 1530	EPIX Self-Assessment Process - Glen Masters
1530 - 1600	EPIX Role in Improving Plant Performance - Joe Bishop/Jim Maddox
1600	Adjourn

	<p>Ad Hoc Working Group Meeting May 3, 2001 Room 206 A&B</p>
0800	Welcome / Introductions – Joe Bishop / Jim Maddox
0815-0830	Review Agenda Review Action Items from December 2000 Meeting – Joe Bishop <ul style="list-style-type: none"> • Efficient methods to collect obsolescence data and time to failure
0830 - 0900	Subcommittee Results from May 1, 2001 Meeting - Glen Masters
0900 - 0945	Alternate Data Reporting Rules - Glen Masters
0945 - 1000	Break
1000 - 1030	Model Changes - LCM - Neal Lossing
1030 - 1100	PI Indicators from EPIX Data - Glen Masters
1100 - 1130	Schedules of Rollout - Neil Lossing
1130	Lunch
1230 - 1300	Review Morning Results and Actions
1300 - 1415	Consolidated Data Collection - Methods - Tim Geib
1415	Break
1430 - 1530	Consolidated Reporting Manual - Format and Content - Tim Geib Consolidated Reporting Business Process - Tim Geib
1530	Adjourn

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