

June 3, 2003

MEMORANDUM TO: Patrick Baranowsky, Chief  
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FROM: Bennett Brady /RA/  
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Office of Nuclear Regulatory Research

SUBJECT: SUMMARY OF EQUIPMENT PERFORMANCE AND INFORMATION  
EXCHANGE (EPIX) AD HOC WORKING GROUP MEETING, MAY 8,  
2003

I represented the NRC at a meeting of the EPIX Ad hoc Working Group on May 8 at INPO Headquarters in Atlanta. Tom Boyce, NRR/DIPM/IIPB, also attended the meeting. The list of attendees and agenda for the meeting are shown in Attachments 1 and 2. The major items of interest to NRC staff were the implementation of Consolidated Data Entry in October 2003, the discussion of the final functional requirements to support the proposed Mitigating System Performance Index (MSPI), and a proposal to change the reliability data (demands and run hours) reporting requirements with the approval of NRC and the remaining EPIX coordinators.

- **Consolidated Data Entry (CDE) Status**

1. Consolidated Data Entry (CDE), the system that will consolidate industry reporting of data for the Reactor Oversight Process (ROP), Monthly Operating Reports (MORs), and World Association of Nuclear Operators (WANO), is on schedule.
2. INPO began industry pilot testing CDE 2.0 in March and will begin industry parallel run in early August using second and third quarters data.
3. CDE 2.0 will go into full production in October 2003. With utilities generating their first submittal for NRC in January 2004.

- **MSPI and Changes to EPIX Data**

1. The current CDE 1.0 supports collection of demands, run hours, failures, and occurrence level unavailability data collection.
2. CDE 2.0 will support collection of monthly unavailability.
3. CDE will also provide the capability to compute the MSPI.

4. Utilities will need to review their estimated demands and run hours in EPIX and have available a basis for their estimates.

- **EPIX Usage**

1. Users are using EPIX to generate about 6,000 reports per month. This compares to about 1,000 searches per month of archived NPRDS data.
2. The most frequently used search is word search.
3. One of the user specific suggestions was for reliability data output reports for industry. If the MSPI is implemented, the NRC will need to be able to retrieve reliability data for verification of a sample of indicator data.
4. In March 2001, the NEI's Nuclear Strategic Issues Advisory Committee (NSIAC) recommended that INPO:
  - Examine Working Group composition to ensure sufficient end-user representation
  - Conduct a survey of utility personnel to get more feedback from end users on EPIX's purpose and problems with output reports and data input
5. The composition of the EPIX Ad hoc Working Group has not changed as non-EPIX coordinators usually delegate attendance to EPIX coordinators. INPO plans to look at innovative ways such as Webcasts or plant visits with peer representatives to gather end user feedback, rather than membership on a committee.
6. Due to concentrating resources on CDE 2.0, the survey was deferred. INPO presented a draft survey at this meeting.

- **Proposals for Reduction in Burden**

1. One of the proposals was to replace the quarterly reporting of observed non-test demands and run hours for the four SSPI systems with the quarterly reporting of observed ESF demands and run hours, as shown in the table below:

<b>EPIX RELIABLE DATA REPORTING REQUIREMENTS FOR SSPI KEY COMPONENTS</b>	
Current Reporting	Proposed Reporting
Non-test demands and run hours - actual count (includes ESF demands/run hours and operational demands/run hours)	ESF demands and run hours - actual count each quarter
	Operational demands and run hours - one time estimate derived from six years of reporting non-test demands and run hours to EPIX
Test demands and run hours - One time estimate	Test demands and run hours - one time estimate

2. The proposed reliability data are the data that NRC has proposed for reporting to EPIX since 1999.
3. These are also the demands and run hours that are used in the currently proposed MSPI.
4. The NRC representative agreed as an action item to provide an NRC response that this was an acceptable change to NRC.
5. INPO will then take as an action item to provide this proposal to all EPIX coordinators
6. The NRC representative to the EPIX Ad Hoc Working Group gave a presentation on the NRC uses of EPIX data (Attachment 3)
  - In special studies
  - In development efforts, and
  - In NRC models and systems to provide input to and support NRC regulatory programs.

Attachments: As stated

cc: G. Welch, INPO  
G. Masters, INPO

MEMORANDUM DATED: 6/3/03

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EXCHANGE (EPIX) AD HOC WORKING GROUP MEETING, MAY 8, 2003

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Template Number: RES-006 Accession Number: \_\_\_\_\_ RES File Code: 2C-3  
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EPIX AD HOC WORKING GROUP MEETING

May 8, 2003

Attendees

Christine Bennett	Vogle
Tom Boyce	NRC
Bennett Brady	NRC
Larry Elgass	Hatch
George Felgate	INPO
Julie Gadzinski	Kewaunee
Kim Hulse	INPO
Glen Masters	INPO
Tom Mooney	Duke Poser
Stanley Levinson	Framatome ANP
Jim Maddox	Watts Bar
John Ramsdale	San Onofre
Rich Slone	INPO
Mike Strait	Exelon
Jo Anne Amick	V.C. Summer
Gary Welsh	INPO

<b>Agenda</b>	<b>Ad Hoc Working Group Meeting Agenda May 8, 2003 Room 202 A&amp;B</b>	
<u><b>Time</b></u>	<u><b>Topic</b></u>	<u><b>Facilitator</b></u>
<b>08:00 a.m.</b>	Welcome / Introductions	Gary Welsh/ Jim Maddox
<b>8:10 a.m.</b>	Action Items from Previous Meetings	Glen Masters
<b>8:30 a.m.</b>	CDE 2.0 Status and Interface with CDE 1.0	Rich Slone
<b>8:45 a.m.</b>	MSPI Status and Possible Effects on EPIX Data Collection	Glen Masters
<b>9:45 a.m.</b>	Break	
<b>10:00 a.m.</b>	Implemented Changes <ul style="list-style-type: none"> <li>• Plant Information Center</li> <li>• Reporting Quality and Timeliness Monitoring</li> <li>• Website Update</li> </ul>	Rich Slone
<b>10:30 a.m.</b>	Feedback on CDE 1.0 <ul style="list-style-type: none"> <li>• Current Usage Levels</li> <li>• User Special Requests</li> <li>• Proposals for Reduction in Reporting Burden</li> </ul>	Glen Masters
<b>11:30 a.m.</b>	Lunch	
<b>12:30 p.m.</b>	NRC Usage Update	Bennett Brady
<b>12:45 p.m.</b>	Industry Survey on EPIX Usage/Value Added	Glen Masters
<b>1:45 p.m.</b>	Break	
	Continue with Survey Discussion	
<b>3:00 p.m.</b>	Summary/Conclusions	Gary Welsh/ Glen Masters

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