

MINUTES: MANAGEMENT REVIEW BOARD MEETING OF ILLINOIS  
JULY 19, 2018

The attendees were as follows:

In person at U.S. Nuclear Regulatory Commission (NRC) Headquarters in Rockville, Maryland:

Dan Dorman, MRB Chair, OEDO  
Marc Dapas, MRB Member, NMSS  
Andrea Silvia, MRB Member, OGC  
Lizette Roldan-Otero, Team Leader, NMSS  
Steve Poy, Team Member, NMSS

Sabrina Atack, NMSS  
Richard Chang, NMSS  
Steve Dembeck, NMSS  
Lance Rakovan, NMSS  
Paul Michalak, NMSS

By videoconference:

Scott Morris, MRB Member, Region IV  
Darren Piccirillo, Team Member, Region I  
Binesh Tharakan, Team Member, Region IV  
Michelle Hammond, Team Member, Region IV  
Ryan Craffey, Team Member, Region IV

Randy Erickson, Region IV  
James Trapp, Region I  
Mark Shaffer, Region IV  
Vivian Campbell, Region IV

By telephone:

Jared Thompson, MRB Member, AR, OAS  
Megan Shober, Team Member, WI  
Kevin Seibert, Team Member, WA  
William Robertson, IL  
Jennifer Ricker, IL  
Adnan Khayyat, IL  
Kelly Horn, IL  
Gibb Vinson, IL

Mary Burkhart, IL  
Gary Forsee, IL  
Sandi Kessinger, IL  
Dan Sampson, NY  
David Crowley, NC  
Lee Cox, NC  
Michelle Beardsley, NMSS

1. Convention. Mr. Lance Rakovan convened the meeting at approximately 1:00 p.m. (ET). He noted that this Management Review Board (MRB) meeting was open to the public. Introductions of the attendees were conducted.
2. Illinois IMPEP Review. Dr. Lizette Roldan-Otero, Team Leader, led the presentation of the Illinois Integrated Materials Performance Evaluation Program (IMPEP) review results to the MRB. She summarized the review and the team's findings for the indicators reviewed. The on-site review was conducted by a team composed of technical staff members from the U.S. Nuclear Regulatory Commission (NRC) and the States of Washington, and Wisconsin during the period of April 16-20, 2018. A draft report was issued to Illinois for factual comment on May 21, 2018. Illinois responded to the team's findings by email dated June 26, 2018. Dr. Roldan-Otero reported that the team found Illinois' performance was satisfactory for all indicators reviewed, except the common performance indicator, Technical Staffing and Training, which the team found satisfactory, but needs improvement.

### 3. Performance Indicators.

- a) Mr. Binesh Tharakan reviewed and presented the common performance indicator, **Technical Staffing and Training**. His presentation corresponded to Section 3.1 of the proposed final IMPEP report. The MRB, the team, and Illinois representatives discussed the timing, impact, and number of hiring freezes during the review period. State representatives noted steps that have been taken to address vacancies, including the status of hiring new staff. The MRB directed that the discussion involving the hiring freeze be augmented in the final report.

The team found Illinois' performance with respect to this indicator to be "satisfactory, but needs improvement." The MRB debated whether this rating was appropriate, given that the hiring freeze was outside of the control of the Illinois Agreement State Program. The MRB voted on the rating for this indicator. Two members of the MRB, as well as the OAS Liaison, voted for a "satisfactory" rating for this indicator, so the MRB directed that Illinois be found "satisfactory" for this indicator.

- b) Mr. Tharakan reviewed and presented the non-common performance indicator, **Compatibility Requirements**. His presentation corresponded to Section 4.1 of the proposed final IMPEP report. The MRB, the team, and Illinois representatives briefly discussed sunseting of Illinois regulations.

The team found Illinois' performance with respect to this indicator to be "satisfactory" and the MRB agreed.

- c) Dr. Roldan-Otero reviewed and presented the common performance indicator, **Status of Materials Inspection Program**. Her presentation corresponded to Section 3.2 of the proposed final IMPEP report. The MRB, the team, and Illinois representatives discussed the State's "deliberate decision to suspend reciprocity inspections" comment in the report and about completing the inspections that are coming due. The MRB directed that the language involving the "strengthening the reciprocity program..." statement in this Section be clarified.

The team found Illinois' performance with respect to this indicator to be "satisfactory" and the MRB agreed.

- d) Ms. Megan Shober reviewed and presented the common performance indicator, **Technical Quality of Inspections**. Her presentation corresponded to Section 3.3 of the proposed final IMPEP report. The MRB, the team, and Illinois representatives discussed violations and the reasons behind the missed inspector accompaniments. The MRB directed that the report include language that discussion of violations was validated during the inspection accompaniments, as well as including separating points about the staff shortage and supervisory accompaniments.

The team found Illinois' performance with respect to this indicator to be "satisfactory" and the MRB agreed.

- e) Ms. Michelle Hammond reviewed and presented the common performance indicator, **Technical Quality of Licensing Actions**. Her presentation corresponded to Section 3.4 of the proposed final IMPEP report. The MRB directed that the language in the report involving the two renewal applications exceeding one year be clarified. The MRB also directed that the final report include credit to the State for recognizing the financial assurance issue and taking action.

The team found Illinois' performance with respect to this indicator to be "satisfactory" and the MRB agreed.

- f) Mr. Ryan Craffey reviewed the common performance indicator, **Technical Quality of Incident and Allegation Activities**. Dr. Roldan-Otero presented the indicator. Her presentation corresponded to Section 3.5 of the proposed final IMPEP report. The MRB, the team, and Illinois representatives briefly discussed the reporting of incidents. The MRB directed that the report be augmented with additional language involving reporting to the Headquarters Operations Officer.

The team found Illinois' performance with respect to this indicator to be "satisfactory" and the MRB agreed.

- g) Mr. Steven Poy reviewed the non-common performance indicator, **Sealed Source and Device Evaluation Program**. His presentation corresponded to Section 4.2 of the proposed final IMPEP report. The team found Illinois' performance with respect to this indicator to be "satisfactory" and the MRB agreed.
- h) Mr. Kevin Seibert reviewed and presented the non-common performance indicator, **Low-Level Radioactive Waste Disposal Program**. His presentation corresponded to Section 4.3 of the proposed final IMPEP report. The team noted that this was the first time this indicator was reviewed under IMPEP. The MRB directed that the review of this indicator be removed from the final report.
- i) Mr. Seibert reviewed and presented the non-common performance indicator, **Uranium Recovery Program**. His presentation corresponded to Section 4.4 of the proposed final IMPEP report. The MRB, the team, and Illinois representatives discussed inspector accompaniments and the conduct of inspections, communication with management, and enforcement actions.

The team found Illinois' performance with respect to this indicator to be "satisfactory" and the MRB agreed.

- 4. MRB Consultation/Comments on Issuance of Report. The team recommended, and the MRB agreed, that the Illinois Agreement State Program be found adequate to protect

public health and safety and compatible with the NRC's program. Because of the change in the rating for the indicator, Technical Staffing and Training, the team recommended, and the MRB agreed, the next IMPEP review take place in approximately 5 years. The MRB directed that a periodic meeting be held in approximately 2.5 years. The final report may be found in the ADAMS using the Accession Number ML18207A322.

5. Precedents/Lessons Learned. None.
6. Comments from Members of the Public. Lee Cox, NC, provided comments.
7. Adjournment. The meeting was adjourned at approximately 4:00 p.m. (ET)