

UTILITY RADIOLOGICAL SAFETY BOARD
MEETING MINUTES
April 8, 2019

Sima Merick, Director of Ohio Emergency Management Agency called the Utility Radiological Safety Board (URSB) Statutory Board meeting to order at 1:32 PM on April 8, 2019 that was held at Ohio Emergency Management Agency.

The first order of business from the agenda was the roll call taken by Peter Hill, URSB board secretary.

I. ROLL CALL (Board Members)

EMERGENCY MANAGEMENT AGENCY (Ohio EMA)	SIMA MERICK – Present
DEPARTMENT OF HEALTH (ODH)	REBECCA FUGITT – Present
ENVIRONMENTAL PROTECTION AGENCY (OEPA)	MARCUS GLASGOW - Absent
DEPARTMENT OF AGRICULTURE (ODA)	TERRI GERHARDT - Absent
PUBLIC UTILITIES COMMISSION (PUCO)	ALAN MARTIN - Present
DEPARTMENT OF COMMERCE (ODOC)	JOHN SHARIER- Present

A quorum was declared.

Other Notable Attendees:

Mr. Dale Vitale, Attorney General's Office (OAG)
Mr. Sean Zalesny, First Energy Nuclear Operating Company (FENOC)
Mr. Allan Barker, Nuclear Regulatory Commission (NRC)
Mr. Ed Golinski, Federal Emergency Management Agency (FEMA)
Mr. Brian Rutledge, Federal Emergency Management Agency (FEMA)
Mr. Joseph Kirk, ODPS Legal Services

II. READING OF THE JANUARY 14, 2019 MINUTES (ADOPTED)

The Chairwoman provided a few minutes for the board to review the January 14, 2019 minutes. There were no corrections requested. Ms. Merick asked for a motion to approve the January 14, 2019 URSB minutes as written. Ms. Fugitt made a motion to accept the minutes, and Mr. Martin seconded the motion. No discussion was needed and a vote was called. All were in favor, none opposed, the motion passed.

III. OLD BUSINESS

A. Report on the five-year rule review of the URSB

Ms. Merick introduced Mr. Joseph Kirk for Ohio Department of Public Safety, Legal Services division. Mr. Kirk stated that rule 4937-1-3 with no changes, changes to rule 4937-1-01 approved at the January meeting were filed mid-February and will go to the Joint Committee on Agency Rule Review (JCARR) later in April. If approved at JCARR the new rules would go into effect May 1, 2019.

B. Report on KI extension or replacement

Ms. Fugitt from ODH reported they are seeking quotes to have KI tested at an independent lab in order to file for an extension of expiration date. This testing is anticipated to occur in July. ODH is

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still pursuing replacement KI from the NRC, but that it does not appear that the replacement will be available prior to the expiration of the current supply.

IV. NEW BUSINESS

A. Member Agency Quarterly Reports

1. Ohio Department of Agriculture – Absent

2. Public Utilities Commission – Alan Martin

- Thirteen PUCO staff attended the RadResponder training on March 6 and 7, 2019.
- Three members participated in the Davis Besse Nuclear Power Station Dry Run exercises on March 19 and 20, 2019.
- Participated in Monthly Radiological Technology Working Group Meeting.

3. Ohio Department of Health – Rebecca Fugitt

ODH's complete report was included in the meeting packets provided to each board member and visitor, and is available by contacting the URSB Secretary at (614) 889-7150.

- ODH completed one JIOP this quarter via phone at Davis Besse for Radiological Hazard Assessment & Exposure Controls.
- Lab did collect and evaluate 212 environmental samples on power plants at or near minimum detectable activity.
- Attended Nuclear Power Plant Emergency Planning (NPPEP) and Nuclear Power Intermediate Planning (NPIIP) meetings at OEMA.
- Six members participated in the Beaver Valley Integrated Drill on January 24, 2019.
- Seven staff members participated in the Davis-Besse Integrated drill on February 5, 2019.
- Continuing to lead the IZRRAG meetings in preparation for the upcoming ingestion exercise.
- To maintain proficiency with TurboFRMAC software, problem sets continue to be distributed quarterly to individuals who have completed the Assessment Scientist 100 course provided by FRMAC. The first quarter assignment was due February 15, 2019 and a webinar was held on February 21, 2019 to go over the answers. Eight staff members completed the homework and/or the webinar.
- ODH participated in the West Central Ohio Region - Dayton Community Reception Center (CRC) Exercise February 26 – 27, 2019.

In preparation for the upcoming ingestion phase exercise, many BEHRP staff attended the following training opportunities:

- FRMAC Sampling Training – January 15, 2019
- FRMAC Dose Assessment Training – January 15, 2019
- Federal Outreach – January 16, 2019
- Davis-Besse Systems Training – February 20, 2019

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- Davis-Besse Dose Assessment Training – February 20, 2019
- RadResponder Training – March 6-7, 2019

4. Ohio EMA – Chris Salz

Mr. Salz talking points were included in the meeting packets provided to each board member and visitor. He reviewed a few of them with the board; the complete list can be obtained from the URSB Secretary at 614-889-7150.

Prior to reviewing Ohio EMA's report Mr. Salz reminded everyone that all member and designee financial disclosure statements for the Ohio Ethics Commission must be completed within 90 days of appointment. This is especially important for the new agency directors who became members upon appointment by Governor DeWine. Any questions please contact him as the coordination point for the URSB.

- Steve Bertonaschi and Pasquale Razanno traveled to Springfield, IL to complete RAAC course.
- Hosted FRMAC Field Team/ Dose Assessment Training.
- Hosted Federal Radiological Outreach Meeting.
- Created all data and rosters for Davis Besse Dry Run including IZRRAG and Field Activities.
- Submitted all county Radiological Emergency Response Plans (RERP) and SOPs to FEMA for review.
- Submitted State REP plan to FEMA for review.
- Completed and submitted Annual Letter of Certification for REP program to FEMA. Letter was accepted without requested changes March 2019.
- Updated various REP forms to separate into specific EPZs.
- PNPP Resident Analyst changed out all Emergency Worker KI when preparing dosimetry kits for annual distribution (over 5000 kits).
- PNPP Resident Analyst produced and conducted training for Lake County General Health District FMTs.
- Facilitated NEPAC meeting for the quarter.
- Conducted grant negotiations with FENOC.
- Participated in BVPS Integrated Drill.
- Participated in Davis Besse Integrated Drill
- Created data and planning for Long Term Housing and Debris Management tabletop exercises in conjunction with DBNPS Ingestion Dry Run.
- Forest Lohner started at the RIMC, and Mike Rieser returned to duty from medical leave.
- Conducted, controlled, coordinated, and participated in DBNPS Plume phase and Ingestion dry run exercises including tabletop exercises for long-term housing and debris management.
- Controller for McGruder Hospital MS-1 dry run.
- Controllers for Clay High School Monitoring and Decontamination dry run.
- Bart Ray and Chris Salz attended the annual NREP conference.

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5. Environmental Protection Agency – Bill Lohner

Ohio EPA's quarterly report was included in the meeting packets provided to each board member and visitor, and is available by contacting the URSB Secretary at 614-889-7150. Mr. Lohner chose to highlight some of the information in his report.

- Attended the FRMAC Technical Field training on January 15, 2019, at the Ohio Emergency Management Agency (EMA).
- Participated in the FRMAC Federal Outreach seminar at Ohio EMA on January 16, 2019.
- Participated in GIS training sponsored by OGRIP on February 15, 2019, at Ohio EMA.
- Participated in Davis-Besse IPX Controller training on March 5, 2019, at Ohio EMA.
- Participated in RadResponder training at Ohio EMA on March 6 – 7, 2019.
- Participated in the Davis-Besse Dry Run (Emergency Phase) Exercise on March 19, 2019, at Ottawa County EOC and State EOC.
- Participated in the Davis-Besse Dry Run (Ingestion Phase) Exercise on March 19 – 20, 2019, at Ohio EMA.
- Ohio EPA RAT conducted a Field Sample training session at Fremont Airport, Fremont Ohio on March 20, 2019.
- Ohio EPA RAT participated in the interagency IZRRAG field sampling dry run exercise on March 21, 2019, at the Fremont Airport, Fremont, Ohio.
- Attended all NPEPP and IZRRAG meetings
- Ohio EPA participated in the Monthly Radiological Technology Working Group Skype meetings on January 30 and February 28, 2019.
- Ohio EPA conducted a RAT Steering Committee meeting on February 1, 2019, at Ohio EMA.
- Ohio EPA participated in the Davis-Besse Dry Run After-Action Meeting at Ohio EMA on March 29, 2019.
- Ohio EPA submitted procedures for environmental media and dosimetry on February 15, 2019, with plans to update after the March 19-21, 2019, Davis-Besse Dry Run Exercise.
- Training – Ohio EPA continues to review the training requirements for RAT members. The goal of the training requirements is to ensure that all RAT members are receiving appropriate training and are ready to deploy.

Ohio EPA added additional members to the RAT to account for turnover in staff due to current and projected retirements. The new RAT team members bring internal operations experience, GIS capabilities, experience with drinking and ground water, and a Radiation Safety Officer.

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6. Department of Commerce – John Sharier

- On March 14, 2019 PCI Energy Services, LLC had requested a one-time waiver for the application and stamping of the NR nameplates for welded repairs being performed at the Perry Nuclear Plant. This request was due to the repair area being in a locked high radiation area and a dangerously high contamination area.
- On March 15, 2019, Commerce granted the one-time waiver request for the application and stamping of the NR nameplates for these repairs.
- The repairs have been successfully completed and properly documented on the NR-1 forms and will be registered with the National Board of Boiler and Pressure Vessel Inspectors.

B. Nuclear Regulatory Commission (NRC): Mr. Allan Barker

Mr. Barker reported on the annual integrated inspection reports issued on March 4, 2019 for each of the plants.

Davis Besse: On March 4, 2019, the NRC issued its end-of-cycle performance assessment of Davis-Besse. The NRC reviewed performance indicators (PIs), inspection results, and enforcement actions from January 1, 2018, through December 31, 2018. The NRC determined the performance at Davis-Besse during the most recent quarter was within the Regulatory Response Column (column 2) at the beginning of the quarter, but transitioned, on December 19, 2018, to the Licensee Response Column, the highest performance category of the NRC's Reactor Oversight Process (ROP) Action Matrix, because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at Davis-Besse.

Selected upcoming inspections from the 2019/2020 inspection schedule were identified.

Perry Nuclear Power Plant: On March 4, 2019, the NRC issued its end-of-cycle performance assessment of Perry. The NRC reviewed PIs, inspection results, and enforcement actions from January 1, 2018, through December 31, 2018. The NRC determined the performance at Perry during the most recent quarter was within the Licensee Response Column, the highest performance category of the NRC's ROP Action Matrix, because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at Perry. Mr. Barker summarized the report, and provided the complete report to the URSB, which is also available on the NRC website.

Selected upcoming inspections from the 2019/2020 inspection schedule were identified.

Beaver Valley: On March 4, 2019, the NRC issued its end-of-cycle performance assessment of Beaver Valley. The NRC reviewed PIs, inspection results, and enforcement actions from January 1, 2018, through December 31, 2018. The NRC determined the performance at Beaver Valley Units 1 and 2 during the most recent quarter was within the Licensee Response Column (Column 1) of the NRC's ROP Action Matrix, because all inspection findings had very low safety significance

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(i.e., Green), and all PIs were within the expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at Beaver Valley Units 1 and 2.

Selected upcoming inspections from the 2019/2020 inspection schedule were identified.

Mr. Barker provided the complete reports to the URSB, which are also available on the NRC website.

C. Federal Emergency Management Agency (FEMA) – Mr. Ed Golinski

- FEMA REP Region V thanked Ohio and specifically Chris Salz for participating in their recent GIS project. A video featuring Mr. Salz was released at the NREP Conference in Orlando April 3 and is available on YouTube.
- FEMA Region V thanked Ohio and specifically Pete Hill for the extensive work completed in submitting Ohio's Annual Letter of Certification (ALC), which was turned around very quickly by Mr. Brian Rutledge as approved with no recommended changes.
- Several of the FEMA V radiological staff were present at the Davis Besse IPX Dry Run, as were three personnel from Minnesota's REP program. All had complementary things to say about the program and exercise.
- FEMA Region V REP has been very involved with Ohio in preparation for the upcoming Davis Besse IPX exercise and are looking forward to the evaluated exercise activities April 9 through 19 at both the state and county levels.
- FEMA received all of the State and County REP plans and Procedures and will continue to review those as soon as the evaluated exercise is completed.

D. FENOC:

Mr. Sean Zalesny, First Energy Nuclear Operating Company (FENOC) reported for the utility. A complete copy of his notes are available by contacting the URSB secretary 614-889-7150.

Beaver Valley Power Station

2019 Institute of Nuclear Power Operations (INPO) Evaluation

In March, INPO completed an extensive evaluation of performance at Beaver Valley. Beaver Valley Power Station was recognized for exemplary performance indicating the plant continues to perform among the top nuclear power plants in the country. This is the sixth consecutive time in the last twelve years Beaver Valley has received such recognition.

Beaver Valley conducted their first emergency response integrated drill on January 24, 2019. Solid performance was observed with all program drill objectives being met. Beaver Valley continues to focus on safe reliable operation through the next fuel cycles and is preparing for their NRC Program Inspection in June and their next integrated drill.

The Next Beaver Valley integrated drill is scheduled for May 1, 2019.

Davis-Besse Nuclear Power Station

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Upcoming Events and Significant Events

On Friday January 11, 2019 Davis-Besse staffed the Outage Control Center in preparation for shutting down the reactor and taking the turbine off line due to the discovery of a small steam leak on Tuesday January 8, 2019. The leak was on a socket weld on the #2 main steam isolation valve bypass return line, which is a two-inch line. The unit was taken off line to perform a weld overlay. Saturday at 0700 a plant shutdown began, and conditions were established to support the repairs. The repairs were completed and at 1732 on January 14, the unit was synchronized to the grid and ascended to full power on January 15.

The week of February 4 the World Association of Nuclear Operators (WANO) evaluated Davis-Besse during the performance of an emergency response drill, which is a component of a more extensive WANO evaluation of the entire site performed once every four years. Personnel were evaluated during an emergency response integrated drill and a fire drill. This week the evaluation continues with a team on-site evaluating crew performance in the simulator.

Preparations continue for the 2019 Evaluated Exercise scheduled for April 16. A Dry Run drill was conducted on March 19, with participation from the State of Ohio, Ottawa and Lucas County. Overall, good performance was observed, but some lessons learned were captured to ensure a high level of performance is achieved.

The next Davis-Besse integrated drill is the April 16 Evaluated Exercise.

Perry Nuclear Power Plant

Perry Refueling Outage 17

Perry reached a milestone on April 6 at 2359 when they synchronized the generator to the grid, marking the completion of the 17th refueling outage. A subsequent lube oil leak from the main turbine caused the generator to be taken off line for repairs, while the reactor remained at power on the turbine bypass valves. Repairs were made to the generator lube oil system and Perry synchronized to the grid at 1744 on Sunday, April 7. Power ascension will continue while the team performs walk downs and testing on the way to 100% power.

The next Perry integrated drill is scheduled for May 15, 2019.

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V. MISCELLANEOUS

A. Questions from the Public

None asked.

B. URSB language in H.B. 166

Ms. Holly Welch addressed the board and handed out copies of changed language in H.B. 166, the operating budget, under sections 4937.01 and 4937.05 that was added to the previously approved ORC 4937.1 and ORC 4937.5 language. This language primarily relates to the definition of an Electric Utility to include storage of spent fuel, and references the utility's decommissioning budget if not engaged in the business of producing electricity.

VI. ADJOURNMENT

Ms. Fugitt made the motion to adjourn at 2:35 PM.

A vote was taken, all affirmed, none opposed and the meeting adjourned at 2:35 PM.