

UTILITY RADIOLOGICAL SAFETY BOARD  
MEETING MINUTES  
April 9, 2018

Sima Merick, Director of Ohio Emergency Management Agency called the Utility Radiological Safety Board (URSB) Statutory Board meeting to order at 1:30 PM on April 9, 2018 which 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 - Present
DEPARTMENT OF AGRICULTURE (ODA)	TERRI GERHARDT - Present
PUBLIC UTILITIES COMMISSION (PUCO)	DANIEL FISHER - 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. Edward Golinski, Federal Emergency Management Agency (FEMA)  
Mr. Todd Lawson, Federal Emergency Management Agency (FEMA)

**II. READING OF THE January 8, 2017 MINUTES (ADOPTED)**

The board was provided a few minutes to review the January 8th minutes. There were no corrections requested. Ms. Merick asked for a motion to approve the January 8, 2018 URSB minutes as written. Mr. Fisher made a motion to accept the minutes, and Ms. Gerhardt 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. Ingestion Zone Re-entry and Recovery Advisory Group (IZRRAG) report on Ingestion Zone Planning and Training efforts.**

Ms. Rebecca Fugitt provided an oral synopsis of the report that was provided to the members reviewing prior meetings and training completed in preparation for the Ingestion Planning Exercise (IPX) that the State of Ohio will be evaluated by FEMA in 2019. She also outlined the planned meetings and training going forward until July of 2018. A complete copy of the report is available by contacting the URSB Secretary at (614) 889-7150.

UTILITY RADIOLOGICAL SAFETY BOARD  
MEETING MINUTES  
April 9, 2018

**IV. NEW BUSINESS**

**A. Member Agency Quarterly Reports**

**1. Ohio Department of Agriculture – Terri Gerhardt**

- Ms. Gerhardt introduced Ms. Jodi Taylor, Assistant Director of Food Safety at the Ohio Department of Agriculture. Ms. Taylor will be working with Ms. Gerhardt on Radiological Preparedness and Ingestion Planning for ODA.
- Ohio Department of Agriculture attended the following meetings.
  - NEPAC on January 18, 2018 in Akron.
  - Nuclear Power Plant Emergency Planning (NPPEP) meetings throughout the quarter.
  - IZRRAG meetings throughout the quarter.
- The next sampling exercise is scheduled at ODA on May 8, 2018 where everyone will have an opportunity to test any changes made to procedures following the lessons learned in the previous exercise.

**2. Public Utilities Commission – Daniel Fisher**

- Participated in the Beaver Valley Dry Run on March 22, 2018 in the Executive Room.
- Attended regular meetings of NPPEP, NPPIP.

**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 participated in one JIOPs this quarter with Davis-Besse the week of March 5<sup>th</sup>.
- Lab did collect and evaluate 213 environmental samples on power plants at or near minimum detectable activity.
- ODH staff participated in the REP Core Concepts and REP Plan Review training held by FEMA at Ohio EMA January 22-26, 2018.
- Participated in the Integrated Plant Drill with Ohio EMA on February 8, 2018 with the Beaver Valley Power Station.
- Along with Ohio EMA participated in the NEPAC meeting on January 18, 2018.
- Attended Nuclear Power Plant Emergency Planning (NPPEP) and Nuclear Power Intermediate Planning (NPPIP) meetings at OEMA.
- Multiple people participated in the TurboFRMAC training held at Ohio EMA on March 27-29. Training these additional personnel gives ODH additional depth for the dose assessment portions of the upcoming IPX.
- Participated in the RadResponder Webinar on February 21<sup>st</sup> in Preparation for the 2018 National Exercise the last week of April and first week of May, 2018.
- Participated in the Tri-County/Tri-State meeting via conference call on March 8, 2018.

UTILITY RADIOLOGICAL SAFETY BOARD  
MEETING MINUTES  
April 9, 2018

**4. Ohio EMA – Chris Salz**

Mr. Salz talking points were included in the meeting packets provided to each board member and visitor.

- Completed move of Dose Assessment to 115
- Performed complete retest of all Power Plant phones
- Completed preparations for BVPS Dry Run
- Preparations continue for BVPS Evaluated Exercise
- Began preparations for PNPP Dry Run and Evaluated Exercise
- Scheduled Systems/Dose training 7/24/18
- Preparations continue for the upcoming DBNPS IPX
- Scheduled Systems/Dose training 2/20/2019
- 2018 Ohio REP Plan submitted to FEMA for review
- 2017 ALC submitted to FEMA for review
- Attended the Tri County/Tri State meeting in Beaver Falls
- Search continues for the vacant Rad Instrument Tech at RIMC
- Supported the SEOC for the Flooding activation
- Participated in an SAV with FEMA for 2017 REP Plan Review
- Held 2 Executive Room Training sessions
- Attended January NEPAC meeting
- Attended Systems/Dose training on 2/22/18
- Reminder to complete your financial disclosure statements for the Ohio Ethics

Commission

Mr. Salz extended a special thank you to The Ohio State University for their cooperation in allowing Ms. Rochelle Batdorf to participate in the Beaver Valley Power Station dry run exercise as the Executive Room Liaison. He also thanked the PUCO for Dan Fisher's participation in the Executive Room.

Mr. Salz stated that Ohio EMA has worked with FENOC to schedule systems and dose assessment training.

- Perry Nuclear Power Plant at Ohio EMA on July 24, 2018.
- Davis Besse Nuclear Power Station on February 20, 2019.

UTILITY RADIOLOGICAL SAFETY BOARD  
MEETING MINUTES  
April 9, 2018

**5. Environmental Protection Agency – Bill Lohner**

Mr. Lohner's quarterly report was included in the meeting packets provided to each board member and visitor.

- On March 22, 2018, Ohio EPA filled the Field Team Communicator (FTC) position in Dose Assessment at the State EOC and County Liaison/Dose Assessment at the Columbiana County EOC during the Beaver Valley Dry Run Exercise.

The FTC used the existing procedures and new checklists during the exercise. The FTC has determined that the FTC procedure needs to be revised and new electronic (PDF fillable) forms be utilized.

The goal of the revisions and checklist are to reduce redundant reporting, streamline the process, and to incorporate WebEOC and mapping technologies (Ohio Mapping Project) to facilitate quick and clear communication to the partners relying on FTC information. Bill Lohner has been attending the Nuclear Power Plant Emergency Planning (NPPEP) and Nuclear Power Plant Intermediate Planning (NPPIP) meetings whenever possible, as well as the IZRRAG meetings.

- Ohio EPA personnel have been participating in the monthly Ingestion Zone Reentry and Recovery Advisory Group (IZRRAG) planning meetings. These meeting are now focusing on the April 2019, Ingestion Zone exercise. Ohio EPA is currently reviewing Radiation Assessment Team (RAT) procedures and investigating the implementation of new technologies, like RadResponder.

Ohio EPA will be conducting a 2-day training event May 7-8, 2018, which will include the review of procedures and the use of RadResponder. Ohio EPA will also be reviewing position assignments for RAT.

**6. Department of Commerce – John Sharier**

- Nothing significant to report.

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

Mr. Barker reported on the Annual Assessment Letter from the end of the 2017 cycle. The inspection reports are available through the NRC Website. A complete copy of his notes are available by contacting the URSB secretary 614-889-7150.

**Davis Besse:** March 2, 2018 Annual Assessment Report 05000346/2017006 covering the period from January 1, 2017 to December 31, 2017. Davis Besse plant performance was in the Licensee Response (I) column for inspection and oversight. Another letter dated March 9, 2018 states The NRC is still working through the white finding for the incident related to a pump failure due to low oil level. This could potentially move Davis Besse to column II, Regulatory Response.

UTILITY RADIOLOGICAL SAFETY BOARD  
MEETING MINUTES  
April 9, 2018

On April 4, 2018 the NRC issued a preliminary report PNO-III-18-002 for an unusual occurrence based on the Notification of Bankruptcy filed by First Energy Solutions (FENS). Items highlighted in the report:

- The NRC inspectors have not identified any apparent adverse effects on the safe operation of the plant.
- NRC will be implementing a transition to decommissioning procedure once operations are completed.
- Currently keeping the same target size of inspections but will shifting slightly toward safety culture and other things related to shut down operations.

The NRC has a new resident inspector at Davis Besse, Ms. Jacquelyn Wojewoda was announced by press release on February 7, 2018.

Mr. Barker also highlighted two inspections that are possible opportunities for JIOP: Design Basis Assurance Inspection in September, and an ALARA inspection in October.

**Perry Nuclear Power Plant:** March 2, 2018 Annual Assessment Letter reflected that PNPP was in the Regulatory Response (II) Column. Supplemental Inspection report dated March 27, 2018 shows successful completion of the NRC supplemental inspection related to their past white finding, and as such Perry moved back to the Licensee Response (I) column on April 1, 2018.

The NRC announced on April 3, 2018 that Mr. Jakob Steffes has been selected as the new Senior Resident Inspector for the Perry Nuclear Power Plant.

Mr. Barker highlighted two inspections that are possible opportunities for JIOP: Design Basis Assurance Inspection in June, and an ISFSI inspection in October.

**Beaver Valley:** The Annual Assessment Letter for Beaver Valley Power Station dated March 2, 2018 and covering the period from January 1, 2017 to December 31, 2017 confirmed that Both Units remained in the Licensee Response Column (I) because all inspection findings for the period were of very low safety significance.

Mr. Barker highlighted the upcoming Tri-Annual Fire Protection Inspection in July 2018, and the Unit 2 In-service Inspection at the end of October 2018 as potential JIOP opportunities.

**UTILITY RADIOLOGICAL SAFETY BOARD**  
**MEETING MINUTES**  
April 9, 2018

**Federal Emergency Management Agency (FEMA) – Mr. Edward Golinski and Mr. Todd Lawson**

Mr. Golinski introduced Mr. Todd Lawson who was attending the meeting and would be holding a separate FEMA Region V GIS briefing following the meeting.

- FEMA Region V REP staff have completed the 2017 Annual Letter of Certification review and submitted the approval letter to Director Merick. The ALC review went very well, with only minor comments which were quickly adjudicated.
- FEMA Region V REP staff conducted a Staff Assistance Visit (SAV) to review their comments from review of the 2016 Ohio REP Plan and Operations Manual. The visit went well and recommendations for improvement were accomplished quickly.
- A Regional Assessment Alignment Framework has been sent to Director Merick which can be discussed at her convenience.
- Dr. Mike Casey has been named the new Technical Hazards Director at FEMA Headquarters.
- FEMA V is exercise ready for the Beaver Valley Power Station exercise in June, and is on-track or ahead for the Perry Nuclear Power Plant exercise in September.
- Mr. Golinski thanked Chris Salz for his updates during the recent severe weather and tornados which were in the vicinity of the nuclear power plants. This information is critical in determining the need for a Disaster Initiated Review (DIR) in order for plants to re-start following a disaster related shutdown. The NRC and FEMA need reasonable assurance following any incident in the vicinity of a nuclear power plant in order to gauge the impact on the OROs to protect the safety of the public before the NRC allows them to re-start.
- Mr. Golinski also thanked Director Merick for allowing Mr. Salz the opportunity to travel to the upcoming Minnesota IPX, where he should gain valuable information

**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**

**2018 Evaluated Exercise Preparations**

Preparations continue to be ahead of schedule for the June 12, 2018 Evaluated Exercise. The Evaluated Exercise scenario work has been completed and the package will be provided this week. Beaver Valley completed an integrated drill on February 8 and the White Team Dry Run on March 22. The White Team performed exceptionally well, with few challenges and completed all NRC Performance Indicator Opportunities successfully.

**2018 Unit 1 Refueling Outage**

Beaver Valley is preparing for the 25th refueling outage at Unit 1 which is scheduled to begin in mid-April. As with any outage, the site is focused on performing a safe and event free refueling outage, to place the plant in condition to run continuously through the cycle to the 26th outage, in the fall of

UTILITY RADIOLOGICAL SAFETY BOARD  
MEETING MINUTES  
April 9, 2018

2019. The outage duration is currently set at 27 days. Approximately 1200 supplemental workers are expected to be assisting in this outage.

**Major Outage Projects**

- Refueling of the Unit 1 Reactor
- Reactor Vessel Head inspections
- Steam Generator cleaning and inspections

**Implementation of NEI 99-01 Rev 6 EAL Scheme**

Beaver Valley Power Station transitioned to the NEI 99-01 Revision 6 EAL scheme on February 26, 2018.

**Davis-Besse Nuclear Power Station**

**2018 Unit 1 Refueling Outage**

Davis-Besse completed the sites 20th refueling outage on March 27, 2018. The outage lasted 24 days, 14 hours and 52 minutes, which was a site record by 9 days. There were no OSHA recordable injuries, no environmental exceedances, and the overall dose goal for the outage was met. All major outage projects were completed as expected, such as 100% steam generator inspection, main generator output breaker replacement, replacement of circulating water pump number two impeller as well as repairs to the 108” circulating water line.

The next Davis-Besse integrated drill is scheduled for May 15

**Perry Nuclear Power Plant**

**Web EOC Enhancements**

Perry Emergency Preparedness staff have completed enhancements of new Web EOC boards, similar to those previously implemented at Beaver Valley. Each ERO Team has been receiving training on the use of the new boards during their quarterly table-top Emergency Preparedness drills. These new boards will be utilized during the next integrated drill which is scheduled for May 23.

**Perry Staff Changes**

The Perry Emergency Preparedness Manager has been selected to take a temporary position as an evaluator in the operations department at the Institute of Nuclear Power Operations (INPO). This assignment is an eighteen-month assignment at INPO in Atlanta. As a result, a search for a replacement will be conducted. If the search is not completed prior to the Manager reporting to INPO, the Manager of Regulatory Affairs will assume all EP Manager Responsibilities. Preparations for the 2018 Evaluated Exercise continue to be a top priority for the site and will not be affected by this change.

UTILITY RADIOLOGICAL SAFETY BOARD  
MEETING MINUTES  
April 9, 2018

**2018 Evaluated Exercise Preparations**

Preparations are underway for the Perry Evaluated Exercise. The site scenario development team is working in the simulator to develop the scenarios for the Dry Run as well as the Evaluated Exercise. Development is on schedule and the scenario development team will be working with the State and counties to ensure the scenario drives the correct offsite objectives.

**FENOC Fleet Update**

Mr. Zalesny was asked if there was any update on FENOC as a whole. He stated that the bankruptcy filings can be found at <https://cases.primeclerk.com/FES> He will send the link to Chris Salz to share with the URSB Members.

Operationally for Emergency Preparedness, it is business as usual. At the plants there will be one more refueling at PNPP, and 2 at BVPS units 1 and 2 due to their shorter 18 month refueling cycles. Davis Besse has completed their last refueling in record time as reported earlier.

For Emergency Preparedness, the project to switch all three plants to Unified RASCAL Database is still moving forward with information sharing to the contractor who has been hired by FirstEnergy to complete the database project. FENOC has not actually started working on the actual software, but the goal for implementation of URI for Davis Besse is before the Dry Run exercise in 2019.

Ohio EMA has asked both FENOC and FEMA if Mr. Zalesny could be utilized as the facilitator for the IPX due to his knowledge of both the plant and state programs, and both have agreed to the idea.

**V. MISCELLANEOUS**

**A. Questions from the Public.**

- a. There were none.

**VI. ADJOURNMENT**

Mr. Marcus Glasgow made the motion to adjourn and the meeting was adjourned at 2:21 PM.