Pasquale Razzano, URSB Secretary started the Virtual Public Meeting by introducing himself and the meeting. Holly Welch, URSB Designee for the Ohio Emergency Management Agency called the Utility Radiological Safety Board (URSB) Statutory Board meeting to order at 1:30 PM on January 11, 2021. The meeting was conducted as a live public event utilizing Microsoft TEAMS. The public invitation and link to join the meeting were posted on the URSB website and in a press release.

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

I. **ROLL CALL (Board Members)**
   
   EMERGENCY MANAGEMENT AGENCY (Ohio EMA)  
   HOLLY WELCH – Present

   DEPARTMENT OF HEALTH (ODH)  
   REBECCA FUGITT – Present

   ENVIRONMENTAL PROTECTION AGENCY (OEPA)  
   JIM SFERRA - Present

   DEPARTMENT OF AGRICULTURE (ODA)  
   TERRI GERHARDT - Present

   PUBLIC UTILITIES COMMISSION (PUCO)  
   JOHN WILLIAMS - Present

   DEPARTMENT OF COMMERCE (ODOC)  
   JOHN SHARIER- Present

   A quorum was declared.

   **Other Notable Attendees:**
   
   Mr. Sean Zalesny, Energy Harbor Nuclear (EHN)
   Mr. Allan Barker, Nuclear Regulatory Commission (NRC)
   Mr. Chris Salz, Ohio Emergency Management Agency (OEMA)
   Mr. Ed Golinski, Federal Emergency Management Agency (FEMA)

II. **APPROVAL OF THE October 13, 2020 MINUTES**

   Ms. Welch provided a few minutes for the board to review the October 13, 2020 minutes. There were no corrections requested. Ms. Welch asked for a motion to approve the July 13 minutes as written. Ms. Gerhardt made a motion to accept the minutes and Ms. Fugitt seconded the motion. A vote was called, all in favor, none opposed, the motion passed.

III. **DISTRIBUTION OF THE SFY2020 Annual Report of the URSB.**

   Ms. Welch reported that the SFY2020 Annual Report of the URSB were mailed to the Governor, the Speaker and the President. Ms. Welch also noted that the report is available electronically on the URSB MS Teams page or can be requested through the URSB Secretary, Pasquale Razzano.
IV. NEW BUSINESS

A. Extension of Virtual Meetings

Ms. Welch informed the URSB that virtual meetings have been extended through July 1, 2021 and noted that the April quarterly meeting is scheduled to be virtual.

B. Member Agency Quarterly Reports

1. Ohio Department of Agriculture – Terri Gerhardt
   - Participated in monthly NEPAC meetings.
   - Currently working on the Agriculture brochure.
   - Working with ODH with RadResponder training.

2. Public Utilities Commission – John Williams
   - Nothing significant to report.

3. Ohio Department of Health – Rebecca Fugitt
   ODH’s complete report was provided to each board member prior to the meeting, and is available by contacting the URSB Secretary at (614) 889-7150.
   - The Ohio Department of Health (ODH) had minimal involvement with the JIOP’s during the fourth quarter as most are being completed by the Nuclear Regulatory Commission (NRC) inspectors offsite. The one-day plant walkdown scheduled for October 28, 2020 to finish out the previous quarter’s Davis-Besse inspection was cancelled due to the increasing COVID numbers for Ohio. The Perry plant walkdown scheduled for October 29, 2020 was also cancelled for the same reason.
   - Currently, a total of 224 environmental samples have been collected during the 2nd quarter of SFY 2021, specifically: 91 air particulate, 91 carbon cartridges, 30 water, 5 cabbage, 1 kale, 1 turnip greens, 1 collard greens, 1 swiss chard, and 3 sediment samples. The ODH Lab analyses shows samples were near or below the Lower Limit of Detection (LLD) to date.
   - ODH attended the virtual state agency nuclear power plant emergency planning meetings on October 7, 2020, November 2, 2020 and December 2, 2020 using Microsoft TEAMS.
   - The only integrated plant practice drill scheduled for November 19, 2020 was cancelled. However, ODH conducted a virtual intermediate phase briefing/training on that afternoon for all involved state agencies using Microsoft TEAMS.
   - ODH virtually participated in the Beaver Valley Nuclear Power Station dry run on October 15, 2020 as well as the evaluated exercise on November 10, 2020. These were limited participation exercises with dose assessment and the executive room either playing virtually or social distancing where necessary due to the guidelines with the COVID-19 pandemic. The exercise was successful with the Federal Emergency Management Agency (FEMA) being able to evaluate the State using the Microsoft TEAMS platform to conduct the evaluation process virtually.
   - A virtual meeting of the Nuclear Emergency Planning and Advisory Committee (NEPAC) was held on October 22, 2020 in which ODH participated. The purpose of NEPAC is to provide a quarterly meeting in which the 10-mile planning zone counties, the state, and the nuclear power plant company come together to discuss topics of interest and is hosted by Energy Harbor. ODH reminded the counties when reviewing their Standard Operating Guidelines (SOGs) or other
documents where dose exceedance is mentioned for an emergency worker to make sure the documents indicate to contact the ODH person at the ESF-10 desk and the phone numbers were provided for this reference. The next meeting will be virtual as well and is currently scheduled for January 21, 2021.

- The current KI expiration was previously extended to December 2021 as this will provide time to get the new KI distributed. The KI bags and inserts arrived in October therefore, all the materials have arrived for bulk delivery. The Ohio Emergency Management Agency (Ohio EMA) requested the new state emergency worker KI in November, and it was delivered on November 20, 2020. Columbiana County EMA requested and has received their new Emergency Worker KI in December 2020. Distribution of the new General Public KI will be coordinated with the local health departments later this year as the local health departments have been inundated with the COVID-19 pandemic. Distribution of the Emergency Worker KI for the Davis-Besse and Perry plants will be coordinated with the state EMA person assigned to those plants upon request.

- RadResponder is a network used to manage, record, and share radiological data. The system is a collaborative effort of the Department of Energy (DOE), FEMA, and the US Environmental Protection Agency (US EPA). The State of Ohio has adopted RadResponder and through training and documentation has received the qualification of being “RadResponder Ready”. To remain RadResponder Ready Ohio will need to review its Concept of Operations Plan annually.

- One ODH employee has earned the RadResponder Train-the-Trainer Certificate in all four modules: Data Collections, Event Management, Organization Administrator, and RadResponder General and is now qualified to teach these modules. An Ohio RadResponder Training Working Group will develop, schedule, and coordinate the delivery of RadResponder Training to others in the state.

- Since RadResponder is an evolving and growing system, ODH staff regularly evaluate new functions to determine the appropriateness of Ohio adopting and utilizing these functions as they are developed.

- Two RASCAL dose assessment classes were offered in November by NRC through their Radiation Protection Computer Code Analysis and Maintenance Program (RAMP). The basic class on November 16, 2020 and the intermediate class on November 17, 2020. At least one person from ODH attended both classes.

- To maintain proficiency with TurboFRMAC software, problem sets are distributed quarterly to individuals who have completed the Assessment Scientist 100 course provided by FRMAC. No problem set was distributed for this quarter. However, a TurboFRMAC training class was offered on November 6, 2020 in which one ODH person attended.

- ODH observed the Air Force Radiation Assessment Team (AFRAT) exercise on October 8, 2020 to see how they utilize RadResponder.

- ODH participated in the Regional Training and Exercise Preparedness Workshop (TEPW) virtually from November 4-5, 2020.
4. Ohio EMA – Chris Salz
Mr. Salz talking points were provided to each board member prior to the meeting. He reviewed a few of them with the board; the complete list can be obtained from the URSB Secretary at 614-889-7150.

- Radiological Branch continues to support and staff SEOC activation for COVID-19 response.
- Continued efforts for Radiological Branch move from suite 212 to suite 203 and RIMC lab re-location to SEOC.
- Attended the Beaver Valley Power Station (BVPS) Offsite Agency Training Session (OATS).
- TEAMS County RPM training hosted by Ohio EMA led by FEMA Region V training staff.
- Conference call with Pennsylvania Emergency Management Agency (PEMA), FEMA 3, Energy Harbor, West Virginia, Hancock County, Beaver County to discuss upcoming BVPS exercise.
- TEAMS meeting with Ottawa County staff to brief on what happened with the PNPP exercise, FEMA, and the US NRC. We discussed the State’s position and our direction for BVPS and DBNPS moving forward.
- Participated in the fall conference for Ohio EMA.
- Participated in a TEAMS meeting with Centrus Corporation in Piketon and the Fusion center regarding future shipments.
- Participated in the Nuclear Power Plant Emergency Planning (NPPEP) (State partners meeting) meeting.
- TEAMS meeting with ODH’s Bureau of Environmental Health and Radiation Protection leadership to discuss current projects status including exercise preps.
- Participated in FEMA Region V REP staff Training for FEMA’s new guidance document.
- Nuclear Emergency Planning Advisory Committee (NEPAC) meeting on TEAMS.
- TEAMS meeting with DPS IT to discuss 3 laptop like machines that run our Teletrix plume tracker software for our Field Monitoring Teams for exercises for realistic exercise play
- Participated in a conference call with Perry Nuclear Power Plant Emergency Planning for their required annual QA audit.
- Conference call with the Federal Emergency Management Agency (FEMA) Region V Radiological Emergency Preparedness Regional Assistance Committee (RAC) Chair and Columbiana County Commissioner Tim Weigle and Columbiana County EMA staff to discuss their Columbiana County Commissioners concerns regarding staffing levels for the Beaver Valley Power Station (BVPS) evening exercise.
- Attended Nuclear Power Plant Emergency Planning (NPPEP) meeting.
- Participated in the Beaver Valley Power Station (BVPS) dry-run and evening partial participation virtual exercise on the TEAMS platform.
- Participated in the annual Perry Nuclear Power Plant Emergency Plan and Emergency Action Level review.
- HSEEP Webinar on Integrated Preparedness Planning Workshop Model.
- Attended Quarterly ROSS meetings.
- Assisted with the Ohio Department of Health in presenting our first annual Ingestion Zone Reentry Recovery Advisory Group (IZRRAG) TEAMS training.
- Retirement of Bart Ray, CC Resident Analyst. Peter Hill, Columbus will replace Bart in CC.
- Conducted rad safety basics for EMA staff and SEOC building partners, training sessions.
Held TEAMS meeting with ODH’s Pat Becker regarding license amendment for the RIMC.
- Piketon Annual briefing conducted virtually.
- Multiple meetings regarding the JIC/JIS concept and moving forward.
- Coordination of NPP phone relocations in Dose Assessment.
- Completed 5 Ohio RND Primary Screener training sessions.

5. Environmental Protection Agency – Jim Sferra
- Not much of significance to report beyond the activities already covered by the other agencies.
- Continue to work on equipment calibration working with Rob Stone and the staff at the RIMC.

6. Department of Commerce – John Sharier
- Nothing significant to report.

C. Nuclear Regulatory Commission (NRC): Mr. Allan Barker
Mr. Barker reported on the third quarter integrated inspection reports issued in November 2020 for each of the plants.

**Davis Besse:** On November 12, 2020, the third quarter integrated inspection report for Davis-Besse was issued. Based on the results of the inspection, there was one self-revealed finding of very low safety significance (Green) identified and is summarized as follows.

On March 25, 2020, the operators manually tripped the reactor while in mode 2 during startup following refueling outage 21. Davis-Besse was required to manually trip the reactor after a loss of two reactor coolant pumps (RCP) due to a failed fuse. Specifically, the licensee failed to adequately evaluate a replacement fuse in 2014, which led to a spurious failure resulting in a loss of the RCPs. The replacement fuse work package noted that the fuse clearing times were different but stated the difference was acceptable without a full evaluation of the shorter clearing time of the replacement fuses. The licensee determined that the shorter clearing time caused the fuse to blow in response to expected inrush current.

**Perry Nuclear Power Plant:** On November 12, 2020, the third quarter integrated inspection report for Perry was issued. Based on the results of the inspection, there were no findings or violations of more than minor significance identified during this inspection.

**Beaver Valley:** On November 13, 2020, the third quarter integrated inspection report for Beaver Valley Units 1 and 2 was issued. Based on the results of the inspection, there were no findings or violations of more than minor significance identified during this inspection.

D. Federal Emergency Management Agency (FEMA) – Mr. Ed Golinski
- The Region V Regional Administrator James Joseph has departed FEMA RV
  - Acting Regional Administrator is Kevin Sligh
  - Acting Deputy Regional Administrator is Michael Chesney
  - Acting National Preparedness Director is William Wooten
- Reminder that the Annual Letter of Certification was due Jan 31
- FEMA RV has nine REP exercises scheduled for CY 2021
- Davis-Besse Medical Services Drill FINAL AAR is awaiting senior leadership signature
BEAVER VALLEY REPEX Final AAR was being updated after receiving Ohio EMA and Columbiana County Comments

E. Energy Harbor – Sean Zalesny
Mr. Chris Salz of Ohio EMA reported for the utility in place of Mr. Sean Zalesny due to technical difficulties and connectivity issues. A complete copy of Mr. Zalesny’s notes are available by contacting the URSB secretary 614-889-7150.

Beaver Valley Power Station

Beaver Valley Evaluated Exercise Completion

Beaver Valley completed the 2020 Evaluated Exercise and was evaluated as exemplary. There were eight Drill / Exercise Performance opportunities selected and all eight were completed satisfactorily. One notification opportunity was challenged, due to an offsite agency not being on the call, however excellent teamwork and procedural adherence resulted in the successful completion of notification within fifteen minutes. Forty-eight drill objectives were selected and all forty-eight were met. No NRC findings or issues were identified. It should be noted that this Exercise was completed with an NRC approved exemption request from the requirements of 10CFR50 Appendix E, paragraph F.2.c. requiring a full participation exercise.

Beaver Valley implemented a new siren design report, which established IPAWS as the back-up alerting method, as well as eliminating fifty-two sirens from the EPZ. A previously completed siren upgrade project, which replaced all sirens in the EPZ with newer more improved models, provided for significant overlap in sound levels. A study was conducted and determined that fifty-two of the one hundred eighteen sirens could be eliminated and still maintain 100% coverage. This updated design report was submitted to FEMA in 2020 for review and approved.

The next Beaver Valley integrated drill is scheduled for March 25, 2021.

Davis-Besse Nuclear Power Station

Evaluated Exercise Preparations

Davis-Besse continues to focus on safe and reliable operations as they proceed through the refueling cycle operating at full power, with no challenges to continued full power operation. Actions are ongoing for the preparation of the May 4, 2021 Evaluated Exercise, with training and drill development as a priority. COVID-19 continues to provide challenges to future drills, as such the team is focused on developing safe practices that enable proper drills to be implemented and evaluated, while not placing personnel at unnecessary risk for COVID-19 transmission.

The next Davis-Besse integrated drill is scheduled for February 23, 2021.

Perry Nuclear Power Plant

Preparation for Refueling
Perry continued to operate safely and reliably at full power throughout the fourth quarter of 2020. The Perry team is hard at work preparing for the 18th refueling outage, which begins on March 7 with a planned duration of 25 days. Due to the concerns with COVID-19, all unnecessary work has been removed from the outage, and only work related to plant safety or refueling is scheduled. Among those items is the scheduled completion are jet pump repairs, replacement of some control rod drive mechanisms and completion of the Division 1 under voltage / degraded voltage upgrade, which will increase the reliability of the electrical bus.

The next Perry integrated drill is scheduled for May 26, 2021.

V. MISCELLANEOUS

A. Meeting Dates for 2021: April 12 (virtual), July 12, October 12.
After announcing the meeting dates for 2021, Ms. Welch led a discussion on the Ohio Revised Code (ORC) change that has allowed the URSB to meet virtually during the pandemic. The April 12 meeting is scheduled to be virtual on MS Teams.

B. Questions from the Public
There was a Q&A dialog box opened on the virtual meeting. There were no questions from the public.

VI. ADJOURNMENT
Ms. Welch asked if there was any further discussion on any of the topics covered, and hearing none requested a motion to adjourn. Ms. Gerhardt made a motion and a vote was taken, all were in favor, none opposed and the meeting was adjourned at 2:05 PM.