

UTILITY RADIOLOGICAL SAFETY BOARD  
MEETING MINUTES  
JANUARY 12, 2015

Ms. Sima Merick, Interim Director of Ohio Emergency Management Agency called the URSB Statutory Board meeting to order at 1:30 PM on January 12, 2015 which was held at Ohio Emergency Management Agency.

The first order of business from the agenda was the roll call taken by Melissa Wulliger, URSB Board Secretary.

**I. ROLL CALL (Board Members)**

EMERGENCY MANAGEMENT AGENCY	SIMA MERICK
DEPARTMENT OF HEALTH	MICHAEL SNEE
ENVIRONMENTAL PROTECTION AGENCY	PETER WHITEHOUSE
DEPARTMENT OF AGRICULTURE	TERRI GERHARDT
PUBLIC UTILITIES COMMISSION	DANIEL FISHER
DEPARTMENT OF COMMERCE	DEAN JAGGER

A quorum was declared.

***Other Notable Attendees:***

Ms. Hilary Damaser, Attorney General's Office  
Mr. Michael Bear, Emergency Management Agency  
Mr. David Lipp, Ohio Department of Health  
Ms. Holly Welch, Department of Public Safety  
Mr. Patrick Sheehan, Emergency Management Agency  
Mr. Allan Barker, Nuclear Regulatory Commission  
Mr. Rick Collings, FENOC  
Mr. Sean Franklin, Perry Nuclear Power Plant  
Mr. Jim Vetter, Davis-Besse Nuclear Power Station  
Mr. Zack Clayton, Ohio Environmental Protection Agency

**II. READING OF THE OCTOBER 14, 2014 MINUTES (ADOPTED)**

The board dispensed with the reading of the October, 2014 meeting minutes. Ms. Merick asked for additions, corrections or deletions to the minutes. There were none. Ms. Merick asked for a motion to approve the October, 2014 URSB board minutes. Mr. Whitehouse made a motion to accept the October, 2014 minutes and Mr. Fisher seconded the motion to approve the minutes. None opposed and the motion carried.

**III. OLD BUSINESS**

**URSB Working Group Report**

Mr. Bear opened reporting for EMA with the Interagency Radiological Emergency Preparedness report which was named URSBWG. This is a name change which will be discussed in the new business. The REP plan review revision is underway. Once completed, it will be forwarded to FEMA. The RadResponder Implementation is in progress. Work is being done to put it in place and forms are being developed. The Annual Letter of Certification will be completed shortly.

**ODH**

Mr. Snee reported for the Ohio Department of Health. Potassium Iodide (KI) has been distributed to six health departments, and the Dosimetry report has been revised. ODH did not participate in any JIOP's this quarter. Two ODH observers completed their requalifications for this program in November, 2014.

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**ODA**

Ms. Gerhardt reported that the Department of Agriculture's brochure has been started and is on target for being distributed on time.

**IV. NEW BUSINESS**

Ms. Merick called for new business. However, prior to addressing the agency updates, she discussed a change in leadership. Nancy Dragani has stepped down and moved to a different department. After January 26, 2015, a new director of Emergency Management Agency will start. His name is Evan Schumann and he comes from Ohio Task Force One where he was the Program Manager. Ms. Merick will remain as the Assistant Director here at EMA.

**URSB Working Group Quarterly Reports**

The Ohio Emergency Management Agency, the Ohio Environmental Protection Agency, the Ohio Department of Health and the Ohio Department of Agriculture all provided quarterly reports. The following are the updates:

**Ohio Emergency Management Agency**

Mr. Bear started off the reporting by updating that the final report for the Perry Nuclear Power Plant exercise was received. It has been reviewed by the State and counties, and there were no findings.

Preparations have begun for the Davis-Besse Nuclear Power Plant exercise which is a full participation exercise.

On December 17, 2014 Ohio EMA hosted a tabletop discussion facilitated by FEMA for state agencies to discuss how the various state agencies will interact in response to a HAB event at a nuclear power plant. The intent of the tabletop was to reveal any gaps that may not have been discovered during state participation during the Beaver Valley and Perry nuclear power plant exercises in 2014. The participants included representatives of Ohio EMA, Ohio Homeland Security, Ohio Department of Health, Ohio Environmental Protection Agency, and the Ohio Highway Patrol. The discussions provided FEMA with a better understanding of Ohio's concept of operations for this type of event and revealed some areas for improvement.

On September 18 and 19, 2014 the radioactive source used in the Radiological Instrument Maintenance & Calibration (RIMC) Laboratory's gamma range was replaced with a new source. The source exchange was executed without any major difficulties. The vendor and RIMC coordinated these activities with the Ohio Department of Health Bureau of Radiation Protection to verify this process occurred in compliance with all applicable rules. Several delays due to equipment availability and scheduling of OSU staff members slowed the process of recalibrating the range to NVLAP standards, but the re-calibration was completed in late December.

A Memoranda of Understanding (MOU) between Ohio EMA and the Ohio Department of Natural Resources (ODNR) formalizing the use of ODNR radiation detection equipment for nuclear power plant response has been completed. A timeline for implementation will have to be developed.

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**Ohio Department of Agriculture**

Ms. Gerhardt updated the board by sharing that the Ohio Department of Agriculture participated in scheduled Interagency Radiological Emergency Preparedness meetings. The meetings are useful in discussing radiological issues and reviewing and revising procedures and advisories in preparation for nuclear power plant training, exercises and related emergencies. ODA attended the NEPAC training on October 23, 2014 and just as a reminder Charles Kirchner retired from ODA in November and Terri Gerhardt is his designated replacement.

**Ohio Department of Health**

Ohio Department of Health ODH did not participate with the federal partners in the Joint Inspection Observation Program (JIOP) this quarter. Two ODH observers completed their requalifications for this program in November, 2014. Potassium Iodide (KI) was distributed to six local health departments.

Currently, a total of 205 environmental samples have been collected and analyzed at the ODH lab. The ODH Lab has completed their analysis of the samples collected in October and November and the results have been entered into the environmental monitoring database.

The 2013 Annual Environmental Monitoring Report has been distributed and an electronic version was posted on the Ohio Department of Health website.

**Environmental Protection Agency**

Mr. Zack Clayton shared with the board that 15 RAT (Radiological Assessment Team) attended courses as part of their continued training. EPA had two meetings at EMA to create forms in WebEOC that reported field monitoring data and how to verify unusual readings in an exercise. OEPA participated in the HAB tabletop exercise.

**Department of Commerce**

There was nothing to report at that time.

**Public Utilities Commission**

There was nothing to report at that time.

**Discussion**

Mr. Bear opens the floor discussing the URSB working group functions and structure. The purpose of the Work Group is to be open to public meeting, create the URSB annual report, plan and review policy and procedures, prepare exercises and perform duties as governed JIOP. The other tasks that are falling under URSBWG are not URSB related. The purpose and the direction should be formally driven by the URSB Board. The Board should instruct, set the rules and guidelines of the tasks requested. This may come in the form of writing or be stated. It was decided and suggested by Ms. Damasar that the Board designate agencies not individuals for simpler system of replacement. URSBWG will become an agency-tasked subcommittee of URSB and will meet on an as-needed basis. Multiple agency representatives will make up the subcommittee and can attend the meetings. However, voting will only be one vote per agency.

Mr. Snee made the motion to create a subcommittee of the URSB work group and Ms. Gerhardt seconded the motion. There was a discussion to clarify the purpose of the change and then Mr. Snee withdrew his motion and Ms. Gerhardt seconded it.

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Ms. Merick requested the motion be restated to create a subcommittee of the URSB which replaces the URSBWG and will be more board driven. The new name will be determined by the next statutory board meeting. Ms. Gerhardt made the motion and Mr. Snee seconded the motion. There was no discussion, all were in favor and none opposed. The motion passed.

Additionally, Ms. Merick asked for a motion to have the new subcommittee meet as needed and to focus on the Joint Annual Reports and the Joint Inspection Program as directed to do so by the URSB board. Mr. Jagger made this motion and Ms. Gerhardt seconded the motion. There was no discussion, all were in favor and none opposed. The motion passed.

Ms. Merick asked for a motion to create a multi-agency group who has an interest in radiological activities and issues that will have set meetings and discussions will take place on issues outside of URSB. Mr. Jagger made the motion, and Mr. Whitehouse seconded the motion. There was no discussion, and all were in favor and none opposed. The motion passed.

Mr. Bear presented a Resolution No. 2015-01 to Kevin Clouse, Ohio EPA, for his service to the Utility Radiological Safety Board of Ohio. A motion was made by Mr. Jagger to accept Resolution No. 2015-01 and Mr. Snee seconded the motion. There was no discussion, all were in favor and none opposed. The motion passed.

Mr. Bear presented a second Resolution No. 2015-02 to Nancy J. Dragani for her ten years of service as Chair of the Utility Radiological Safety Board of Ohio. A motion was made by Mr. Whitehouse to accept Resolution No. 2015-02 and Ms. Gerhardt seconded the motion. There was no discussion, all were in favor and none opposed. The motion passed.

There was no other new business discussed. Mr. Bear introduced the Mr. Barker, so that he could report regarding the Nuclear Regulatory Commission:

**Nuclear Regulatory Commission**  
**Davis-Besse Nuclear Power Station:**

Mr. Barker opened by stating that on October 23, 2014, the third quarter integrated inspection report for Davis-Besse was issued. Based on the results of this inspection, two NRC-identified findings of very low safety significance (Green) were identified. The findings are as follows:

The inspectors identified that the licensee failed to properly implement station procedures for fire protection impairments and fire watches. Specifically, a required compensatory fire watch on numerous occasions did not enter a room for which fire impairments had existed because of a door problem. Upon identification the licensee implemented corrective actions including modification of fire protection software to track administrative impairments, and placing a camera in the room until the door was repaired.

While the inspectors were reviewing the circumstances surrounding a previous reportable condition (Event Notification 49546), the inspectors identified that on May 21, 2014, the licensee's control room overhead annunciator system had suffered a similar malfunction. The licensee's initial reviews of the May 21, 2014 issue determined that the matter was not reportable, and no report to the NRC Operations Center was made at that time. The event was eventually reported to the NRC through Event Notification 50252 on July 3, 2014, following discussions with the inspectors.

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The NRC issued an assessment follow-up letter for Davis-Besse on October 24, 2014. As a result of continuous review of plant performance, the NRC's evaluation consisted of a review of performance indicators and inspection results. This letter supplements but does not supersede, the mid-cycle letter issued on September 2, 2014. On October 22, 2014, the NRC forwarded a letter that stated the final significance determination of one or more greater-than-green inspection findings in the Security Cornerstone. The NRC determined the performance at Davis-Besse, to be in the Regulatory Response Column of the Reactor Oversight Process Action Matrix beginning third quarter of 2014. Therefore, the NRC plans to conduct a supplemental inspection. The NRC requests that Davis-Besse provide notification of the staff's readiness for the NRC to conduct the supplemental inspection.

The NRC regional inspection of the Davis-Besse shield building laminar crack propagation is currently in process.

**Perry Nuclear Power Plant:**

On November 4, 2014, the third quarter integrated inspection report for Perry was issued. Based on the results of this inspection, there was one self-revealed non-cited violation of very low safety significance (Green) identified. The finding is as follows:

The inspectors determined that the licensee did not perform adequate surveys to assure compliance with 10 CFR 20.1802, which requires that the licensee control and maintain constant surveillance of licensed material that is in a controlled area or unrestricted areas and that is not in storage. Specifically, on July 14, 2014, licensee surveys of the service air compressor lube oil coolers were not adequate to control licensed material from being unconditionally released from the site. On July 14, 2014, personnel at Perry were notified by a local scrap metal dealer that a dumpster of scrap metal received that day from Perry appeared to contain radioactive material. A follow-up investigation by the licensee's staff determined that two service air compressor lube oil coolers in the dumpster had dose rate readings above background and had caused the scrapyards radiation monitors to alarm. The surveys of the coolers and the dumpster at Perry before the dumpster was sent to the scrapyard had not been adequate to control licensed material from being unconditionally released from the site.

**Beaver Valley Power Station:**

On November 13, 2014, the third quarter integrated inspection report for Beaver Valley Units 1 and 2 was issued. Based on the results of this inspection, there was one self-revealed non-cited violation of very low safety significance (Green) identified. The finding is as follows:

A self-revealed non-cited violation was identified for FENOC's failure to have an adequate plant startup procedure. Specifically, 2OM-52.4A, "Raising Power from 5% to Full Load Operation," did not adequately address plant startup with one condensate pump in operation. This led to an inability to adequately control steam generator level when the second condensate pump was started which required the operators to trip the reactor. FENOC's corrective actions were to revise procedure 2OM-52.4A, and to address the human performance errors associated with this event.

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Ms. Merick introduced Mr. Collings who discussed the Utility Reports:

**Utility Reports**

Rick Collings, First Energy, opened his report by discussing some key activities at Beaver Valley. There is a scheduled NRC dry run on January 20, 2015. Loading procedures approved and posted in File Net by January 26, 2015. Start loading cask #1 January 26, 2015 and finish loading cask #4 February 27, 2015. Finish the last activity for Campaign #1 by March 4, 2015.

There were two outages scheduled for 2015: Unit 1 outage (1R23) from April 25, 2015 to May 25, 2015. Unit 2 outage (2R18) from September 26, 2015 to November 2, 1025. The Institute of Nuclear Power Operation (INPO) will be conducting an evaluation at Beaver Valley from March 2, 2105 to March 13, 2015.

Mr. Collings updated the Board on Davis-Besse as well. Davis-Besse's operating license will expire on April 22, 2017. FirstEnergy Nuclear Operating Company (FENOC) submitted an application for license renewal to extend the facility operating license to April 22, 2037.

Perry Plant completed 405 days of operation. Last October, an automatic Reactor Scram due to a loss of Feedwater caused the plant to shut down for a 60-day outage. After returning to service, the plant incurred an additional five day forced outage in November, 2014 associated with a Digital Feedwater system issue.

*To view Mr. Collings full report, please contact the URSB Board Secretary.*

**V. MISCELLANEOUS**

2015 Meeting Dates

- July 6, 2015 and October 5, 2015 are the agreed upon dates for future meetings for the URSB statutory board.

Questions from the public presented to the board

- There were none.

**VI. ADJOURNMENT**

Ms. Gerhardt made the motion to adjourn the meeting and Mr. Jagger seconded the motion. The motion passed and the meeting was adjourned at 3:25 PM.