I. ROLL CALL (Board Members)

EMERGENCY MANAGEMENT AGENCY    MS. NANCY DRAGANI
DEPARTMENT OF HEALTH             MR. MICHAEL SNEE
ENVIRONMENTAL PROTECTION AGENCY   MR. KEVIN CLOUSE
DEPARTMENT OF AGRICULTURE         MR. CHUCK KIRCHNER
PUBLIC UTILITIES COMMISSION      MR. DAN FISHER
DEPARTMENT OF COMMERCE           MR. JOHN SHARIER (non voting)
                                 (place of Mr. Dean Jagger)

A quorum was declared.

Other Notable Attendees:
Ms. Hilary Damaser, Attorney General’s Office
Mr. Allan Barker, NRC
Mr. Rick Collings, First Energy

II. READING OF THE APRIL 16, 2014 MINUTES (ADOPTED)

The board dispensed with the reading of the April, 2014 meeting minutes and Ms. Dragani, Ohio Emergency Management Agency, asked for additions, corrections or deletions to the minutes. There were none. Ms. Dragani proceeded with the agenda item and asked for a motion to approve the April, 2014 URSB board minutes. Mr. Snee, Ohio Department of Health, made the motion and Charles Kirchner, Department of Agriculture, seconded the motion to approve the minutes. None opposed and the motion carried.

III. OLD BUSINESS

URSB Working Group Report
The working group provides a snapshot of the status of all tasks. Please refer to this document in your packets. Ms. Dragani solicited questions on the snapshots, and there were none.

ODH
Mr. Snee reported that the Emergency Worker KI was received. Bags and inserts are being prepared for distribution. Ottawa County requested 100 additional packets. The general public KI will be received in August. ODH is in the process of receiving bids for bags and inserts for repackaging. Pam Hintz updated the board on the RadResponder Implementation. Pam reported their lab does have RadResponder, but does not have RadResponder Pro.
EPA
Mr. Clayton reported that IZRAG activities had a change in plan. EPA will consider centerline sampling and will follow the centerline plan. If requests come in for sampling inside that area, they will request federal assistance.

EMA
Mike Bear updated that the field monitoring teams are reworking the FMT procedures and incorporating the RadResponder data collection. Mr. Bear also shared that most of the staff attended the course on informational mapping and will attempt to use it during the next exercise. The URSB annual report is getting started. Ms. Dragani stated that the informational mapping is a good plan and looking forward to seeing what comes out of that plan.

ODA
Mr. Kirchner reported for the Ohio Department of Agriculture. The AG brochure has been completed and is currently being distributed.

IV. NEW BUSINESS
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:

ODA attended the NEPAC meeting held on April 24, 2014. At the request of OEMA, ODA provided a list of current locations of Farmers, Dairies, Granaries, Meat Processors and Packers, Food Processing Facilities and Food Distributors within a 50 mile radius of the Perry Nuclear Power Plant. This was done for a special sampling project. This computerized information will be available for use in future Ingestion Zone exercises. Mr. Bear added the John Wills came up with a data collection process that RAD will consider using.

ODA updated the field sampling kits used by ODA food sampling teams for Ingestion Zone exercises. Several new ODA employees are being trained for future participation in IZRAG and other radiological related exercises.

Ohio EMA
Mr. Bear updated the board regarding the new organizational chart for Ohio EMA that was recommended by the Department of Public Safety (DPS) Process Improvement team. So far, RAD does not have that many changes. The biggest change is Mike Bear’s direct report, and it was reiterated that RAD analysts do not have to move.

Director Dragani adds that based on this report Ohio EMA will return to a divisional structure to allow agency leadership to focus on big picture issues. Over the next few
years Ohio EMA will shift to a regional model and station staff in five regional offices to
better support county and local governments.

The Beaver Valley Power Station (BVPS) exercise was conducted June 17, 2014. The
scenario for the exercise involved an aircraft striking the BVPS and causing serious
damage to the facility. The state was not evaluated during the exercise, but did provide
support to Columbiana County for their evaluated participation. The Federal Emergency
Management Agency (FEMA) identified a single Area Requiring Corrective Action
(ARCA) for Columbiana County. Specifically the finding related to the way in which a
dosimetry briefing was conducted. This ARCA was successfully re-demonstrated during
the exercise and FEMA considers the issue closed. Overall FEMA characterized the
exercise as being a “clean exercise.”

Although the state was not evaluated many valuable insights were drawn from the
exercise and will be incorporated into our hostile action planning.

Preparations are underway for the Perry Nuclear Power Plant Evaluated Exercise which
will take place on September 23, 2014. This will be a day time full participation exercise
for the state, meaning the State Emergency Operations Center (SEOC) will be fully
activated and Field Monitoring Teams will be participating. This exercise will use a
hostile action scenario, but the state will not be evaluated for hostile action preparations
during this exercise. Invitations to our SEOC partners requesting their participation are
being drafted.

On May 28, 2014 the Radiological Branch Chief and members of the Radiological
Branch met with representatives of FEMA, Lake County, Geauga County, Ashtabula
County, and the Perry Nuclear Power Plant to discuss the proposed extent-of-play
documents for the exercise.

Minor changes were identified for the counties and the extent-of-play documents were
finalized in June. The state is awaiting clarification from FEMA on how often waterway
clearance must be demonstrated. Once this clarification is received the state extent-of-
play will be complete.

On June 25, 2014 Lake County Emergency Management Agency and Perry Nuclear
Power Plant hosted a tabletop exercise based on a hostile action against the plant.
Scenarios of this type necessitate the inclusion of more law enforcement elements than
previously included in past nuclear power plant exercises. The purpose of the tabletop
was to develop an understanding amongst the players as to each organization’s role and
expected actions. This was accomplished by facilitators walking the group through a
scenario and the various organizations describing their actions. Points of confusion or
dissent were discussed to gain clarity on the issue.

Representatives of Ohio EMA, the Ohio Department of Health, and Ohio State Highway
Patrol participated in a tabletop exercise.
Following the June 25, 2014 table top the Ohio EMA Executive Director, Radiological Branch Chief, and Public Information Officer (PIO) met with representatives of FENOC Fleet Emergency Preparedness to discuss how the Joint Information Center (JIC) can be exercised in a more realistic and useful fashion. The following potential improvements were identified:

1. Exercise mock media players will be state PIOs rather than plant personnel. Intended to ask questions oriented toward general public interest rather than plant technical questions.
2. FENOC will modify the suggested briefing order in their Standard Operating Procedure so offsite issues are briefed first.
3. Also looking at possibly holding a tabletop exercise for state, county and utility PIOs focused on JIC/media issues.

In June, Columbus-based members of the Radiological Branch participated in an Information Mapping Training course. The course taught students formatting tools and techniques that allow the reader to quickly locate pertinent information. The Radiological Branch is incorporating these techniques into reports and procedures wherever possible. The 2015 version of the state’s Radiological Emergency Response plan will utilize this format as well.

The purchase order for the new calibration sources for the Radiological Instrument Maintenance and Calibration Laboratory (RIMC) has been received by the vendor. The vendor is in the process of renting suitable transport packaging for the new sources. RIMC personnel are coordinating with the Ohio Department of Health to identify needed radioactive materials license amendments to support the source exchange.

ODNR is proposing to provide department owned radiation detection equipment to their staff in place of the Civil Defense equipment provided by Ohio EMA. ODNR owns a stockpile of electronic dosimeters that are not being utilized which meet FEMA requirements. Ohio EMA leadership has approved of the Radiological Branch exploring this option. The Radiological Branch will meet with DPS Legal to develop a draft Memorandum of Understanding for this project.

EPA
Mr. Clayton updated his report by first discussing they had three observers at the Fermi exercise. During the evaluated exercise for Beaver Valley and Columbiana County, EPA used this opportunity to train an OEPA second shift in dose assessment, for Mr. Clayton’s position. Comments were prepared and coordinated with the Division of Drinking and Ground Waters for the June 4 submission to USEPA on the notice of preliminary rulemaking for 40 CFR 190. The decision was made to not submit at this time.

ODH
Ohio Department of Health already updated the board on KI distribution during the working group report. ODH participated in two Joint Inspection Observation Program (JIOP) this quarter both were at the Perry Plant. In addition, to date a total of 236 environmental samples have been collected during the second quarter of calendar year 2014. As usual nothing showed up, which has been the trend now for many years, and we hope for continued success in that respect.

Nuclear Regulatory Commission

**Davis-Besse Nuclear Power Station**

On April 23, 2014, the first 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 control of ignition sources. Specifically, the inspectors identified two examples where the licensee did not adequately protect work areas containing combustible material from welding and grinding sparks generated in containment.

The inspectors identified that the licensee failed to maintain a containment "trash" gate closed and pinned while the area was unattended and the unit was in Mode 3. Specifically, the inspectors identified Trash Gate 3, as referenced by plant procedure DB OP 03013, “Containment Daily Inspection and Containment Closeout Inspection,” as being unpinned and open on February 1, 2014, when it should have been closed and pinned. This failure to have the trash gate closed and pinned could allow debris generated during certain design basis accidents to degrade the capability of the Emergency Core Cooling System recirculation sump.

On March 28, 2014, the NRC completed an inspection to evaluate the licensee’s actions to address the design and licensing basis of the Davis-Besse shield building with respect to the laminar cracking. In particular, the inspectors focused on testing and technical analysis and the regulatory evaluation performed by licensee’s staff and contractors to support the conclusion that acceptance of the laminar cracking in the shield building wall with respect to the design and licensing basis did not require NRC approval. The inspectors did not identify any findings or violations of more than minor significance. However, the inspectors identified an unresolved item regarding whether the licensee’s 10 CFR 50.59 evaluation provided appropriate rationale to support the licensing basis conclusion. Additional NRC evaluation is planned to resolve this inspection item.

**NRC Public Meeting**

A NRC public meeting is scheduled for Thursday, August 7, 2014, 6:00 p.m. to 7:30 p.m. (EDT) at the Carroll Township Service Complex in Oak Harbor, Ohio. The public meeting will provide opportunities to discuss NRC activities, nuclear power issues, and Davis-Besse station performance for the 2013 calendar year as well as activities related to the completed steam generator replacement.
Perry nuclear Power Plant
On May 12, 2014, the first quarter integrated inspection report for Perry was issued. Based on the results of this inspection, there was one NRC-identified finding, and one self-revealed finding both being of very low safety significance (Green) identified. The findings are as follows:

The inspectors identified that the licensee failed to establish a required 3-hour fire barrier as required by design. Specifically, on March 13, 2014, the inspectors identified four incomplete fire barrier seals in ceiling-level penetrations between the Division 1 and Division 2 battery rooms and the adjoining direct current switchgear rooms, and on March 14 identified the lack of a fire barrier seal in a ceiling-level penetration between the remote shutdown panel room and an adjoining alternating current switchgear room. The licensee implemented compensatory measures that included hourly fire watches.

A self-revealed finding was identified for the failure to maintain adequate procedures to respond to acts of nature as required by Regulatory Guide 1.33, “Quality Assurance Program Requirements.” Specifically, the cold weather procedure did not adequately direct equipment walk downs and subsequent actions to protect equipment important to safety from severe weather risks, directly resulting in freezing and breaking of fire protection piping in Unit 2 turbine power complex, elevation 593’ level. The piping provides fire protection for Unit 2 startup transformer’s deluge system and the three Unit 2 inter-bus transformer deluge systems.

Beaver Valley Power Station:
On May 15, 2014, the first 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 finding, and one self-revealed non-cited violation both being of very low safety significance (Green) identified. The finding and violation are as follows:

A self-revealed finding was identified because Beaver Valley did not evaluate technical information provided in a vendor report as required by procedures. Specifically, Beaver Valley did not take action to address the recommendation in the ABB Inc. “Life Assessment Report,” dated September 2, 2008, to prevent the running of all the main transformer oil pumps when the oil temperature is below 50°C. As a result, on January 6, 2014, the Beaver Valley main transformer failed resulting in a reactor trip. Following the trip Beaver Valley conducted an apparent cause evaluation and determined the transformer failure resulted from static electrification caused by improper cooling system operation.

A self-revealed non-cited violation was identified because Beaver Valley did not establish appropriate post maintenance test procedures for the Turbine Driven Auxiliary Feedwater (TDAFW) pump following trip/throttle valve maintenance that required the removal and reinstallation of the governor. Specifically, Beaver Valley identified in their apparent cause evaluation that vendor technical information regarding the verification of
stable governor operating temperature following governor compensating needle valve adjustment was not incorporated into surveillance and post maintenance testing procedures. Because of this omission, Beaver Valley did not identify an incorrect governor compensating needle valve adjustment during post maintenance testing on November 1, 2013, and declared the TDAFW pump operable when it was not able to perform its safety function. As a result, the TDAFW pump tripped on overspeed following a reactor trip on January 6, 2014.

Director Dragani thanked Lake County for hosting the URSB board meeting and complicated the facility and the staff there at the Emergency Management Agency.

**Utility Reports**
First Energy, Mr. Rick Collings reported on the following:

**Beaver Valley Power Station:**
- **A. Evaluated Exercise Results**
  The week of May 5, 2014 out of sequence field activities were demonstrated in both the Commonwealth of Pennsylvania and the State of West Virginia (FEMA Region III). Activities evaluated included:
  - Pennsylvania
    - 10 School Districts
    - 7 Back-Up Route Alerting Departments
    - 3 Reception Centers
    - 3 Care Centers
    - 1 Emergency Worker Decontamination Center
  - West Virginia
    - 1 School District
    - 1 Back-Up Route Alerting Department
    - 1 Reception Center
    - 1 Care Center
    - 1 Access I Traffic Control Point

The week of June 16 both out of sequence field activities and EOC play were demonstrated in Pennsylvania, West Virginia (FEMA Region III) and Ohio (FEMA Region V). Activities included:

- Pennsylvania
  - 1 Risk County EOC
  - 1 ICP (Incident Command Post)
  - 4 Support County EOCs
  - 20 Municipal EOCs
  - 1 Access I Traffic Control Point
  - 1 Reception Center
  - 1 Care Center
West Virginia
- 1 Risk County EOC
- 1 State EOC 1 Emergency Worker Decontamination Center
- 2 WV Field Monitoring Teams

Ohio
- 1 Risk County EOC
- 1 Emergency Worker Decontamination Center
- 1 School District
- 1 Access I Traffic Control Point
- 1 Reception Center
- 1 Care Center
- 1 Back-Up Route Alerting Department

FEMA preliminary results:
Beaver County received an ARCA due to an improper Radiological Briefing at a back-up route alerting department. The ARCA was re-demonstrated and closed.
- Hancock County received an ARCA due to improper disrobing by an Emergency Worker at the Reception Center. The ARCA was re-demonstrated and closed.
- Columbiana received an ARCA due to dosimetry issues at the Reception Center. The ARCA was re-demonstrated and closed.

Both the Pennsylvania and the West Virginia Field Monitoring Teams received a Planning Recommendation. The recommendation was to use a new EPA Manual as a reference document.

B. Unit 2 spring 2014 outage
- Fuel Transfer System improvements, including Transfer Cart and Manipulator Crane replacement
- Service Water System piping hydrolasing and leak repair
- Charging Flow Control valve replacement
- 'A' Reactor Coolant Pump seal replacement
- 'B' Feedwater Motor refurbishment
- 2-3 Battery replacement
- Turbine blade monitoring system
- Steam generator inspection, tube plugging, and tube pull for analysis
- Reactor vessel nozzle examination
- Reactor head inspections and one penetration repair
- Installation of the Palfinger crane and other work to support the future steam generator and reactor head replacement
Davis-Besse Nuclear Power Station:
NRC Confirmatory Order
The NRC encouraged utilities to move to the National Fire Protection Association (NFPA) Standard 805. The reason was some older plants while implementing Appendix R programs had a number of exceptions. The NRC wanted those plants to shift to the Probabilistic Risk Assessment method used in NFPA 805 to eliminate the exceptions. FENOC submitted a letter of intent to the NRC in December 2005 of our intent to adopt NFPA 805. FENOC communicated that NFPA 805 transition would begin at Davis­ Besse on March 1, 2007.

The NRC subsequently revised the associated enforcement policy in September 2008 to allow those licensees who had not yet submitted additional time to incorporate lessons learned from the process. This resulted in an extension of the enforcement discretion period to June 29, 2011. The NRC recognized that having all license amendment requests (LAR) submitted simultaneously would introduce considerable burden, and in response extended enforcement discretion once again, resulting in the Davis-Besse LAR submittal date being retargeted for July 1, 2014.

Davis­Besse also is in the process of asking for an extension of the Operating License. One of the main things the NRC expects is to limit Operating license changes during their review. NFPA 805 is a major change in approach in that it utilizes an engineered Probabilistic Risk Assessment. Beaver Valley is also implementing NFPA 805 and served as FirstEnergy’s pilot plant. Lessons learned are that project is very involved and requires significant change management. In November 2013, FENOC informed the NRC that a request for extension for the DB LAR was under consideration. This was to allow for development and implementation of modifications that would provide benefit in mitigating fire protection and response risks. A letter detailing this request was submitted to the NRC on April 1, 2014. This letter identified that the extension would be by means of a Confirmatory Order (CO) in accordance with the NRC process detailed in SECY-12-0031. The extension via the CO is a method to continue to receive enforcement discretion from the NRC should an inspection identify an issue.

The NRC issued a DRAFT CO, along with a Consent and Waiver Form that was processed and submitted by FENOC on June 25, 2014. The CO was issued for Davis­ Besse on June 30, 2014, which identifies that the submittal date of the LAR has been extended to December 31, 2015. This includes the continuance of enforcement discretion throughout this period.

Perry Nuclear Power Plant:
A hostile action table top drill held on June 25, 2014 providing key Emergency Response Organization, off-site response organizations and agency personnel with an opportunity to review and discuss their respective roles, priorities, and response actions during a Hostile Action Based Event. Over 120 individuals
were in attendance including key site and offsite decision-makers filling their roles for the:

- Control Room
- Technical Support Center
- Emergency Operating Facility
- Joint Information Center
- Incident Command Post
- Operations Staging Area
- Lake Emergency Operations Center
- Geauga Emergency Operations Center
- Ashtabula Emergency Operations Center
- State of Ohio Emergency Operations Center

Additionally, representatives from FEMA Region 5 were in attendance. The table top participants were engaged and focused during the duration leading to several areas for improvement. One key area for improvement is public information. A Hostile Action Based tabletop focused exclusively on public information functions and related operations at the Joint Information Center (JIC) is planned in August. It will be beneficial for identifying potential problem areas, defining protocols for the release of public information and achieving aligned expectations. The other areas will be addressed using the normal exercise preparation tools prior to the Evaluated Exercise on September 23.

**FENOC Fleet:**

A. Perry Mobile App

FENOC is currently in the process of developing an Emergency Preparedness Information mobile application for Perry Nuclear Power Plant. The application will contain 4 main sections; Lake County, Geauga County, Ashtabula County, and the State of Ohio. Each county will have common information (EAS stations, siren information, what to do in an evacuation, shelter in place, general information on radiation and nuclear power) as well as county specific information (pick-up locations, relocating schools, care centers, evacuation route information), forms, website links and email addresses. The counties will each have a special needs card that can be filled out and submitted to a designated email address from the mobile application. The State of Ohio will have unique information including information on the KI policy and the Department of Agriculture brochure. The mobile application will contain the FEMA required annual Emergency Public Information.

The mobile application will be posted to Google Play and the Apple App store so that it is a Universal app that loads on iPhone and iPad's. The goal for completion of this project is September 10, 2014 allowing the Apple store
enough time to review the application to ensure it is available by the Perry Evaluated Exercise on 9/23/2014.

Currently, the content and format for the application is being designed based upon the Perry Emergency Public Information brochure in 2013 and 2011, FirstEnergy "Inside FirstEnergy Nuclear Power Plants", Ohio KL policy and Department of Agriculture brochure. Once the application has been developed the counties and state will have the opportunity to proofread and approve prior to launching the application. The intent of this project is to pilot the mobile application at Perry and then determine if similar applications should be created for Davis-Besse and Beaver Valley.

**URSB Rule Review**

Director Dragani read for the record the URSB Resolution 14-01 which is the Resolution approving proposed adoption of OAC Rule 4937-01-01, Rescinding of OAC Rule 4937-01-02, Revisions to OAC Rule 4937-1-03 and to Rescind OAC Rule 4937-1-04:

"Whereas, the Utility Radiological Safety Board of Ohio (URSB) has statutory authority under Section 4937.04(B)(6) of the Ohio Revised Code, to adopt and publish administrative rules to conduct its business and regulate the mode and manner of all investigations, examinations and studies it undertakes; and Whereas, on July 14, 2014, the URSB adopted Resolution 14-01 proposing rules to be submitted to JCARR as mandated by the Ohio Revised Code; and Whereas, Ohio Administrative Code rules 4937-1-02; 4937-1-03; 4937-1-04 were effective on May 1, 1999; and Whereas, Ohio Administrative Code rules 4937-1-01; 4937-1-02; 4937-1-03; 4937-1-04 were reviewed as required in June 2009; and Whereas, Ohio Administrative Code rules 4937-1-02; 4937-1-03; 4937-1-04 were reviewed as required or approved through extension by the Joint Committee on Agency Rule Review prior to August 2009; and Whereas, rule 4937-1-01 was rescinded effective August 20, 2009 and the Utility Radiological Safety Board has now determined the need, in accordance with R.C. 121.22(F), to revert back to having its own notification of public meetings rule and is proposing rule 4937-1-01; Whereas, rule 4937-1-02 governed the Citizen’s Advisory Council which was created by the Utility Radiological Safety Board by resolution December 14, 1990 and the Utility Radiological Safety Board has determined the Citizen’s Advisory Council is no longer serving its intended purpose and the Utility Radiological Safety Board is proposing to rescind rule 4937-1-02; Whereas, rules 4937-1-03 and 4937-1-04 are duplicative and/or can be revised into one rule and the Utility Radiological Safety Board is proposing revisions to rule 4937-1-03 and to rescind rule 4937-1-04; Now, therefore be it Resolved that the Utility Radiological Safety Board approves the proposed adoption of Ohio Administrative Code rule 4937-1-01, the proposed rescission of Ohio Administrative Code rule 4937-1-02, the proposed amendment to Ohio Administrative Code 4937-1-03, and the proposed rescission of Ohio Administrative Code rule 4937-1-04, as written.”
Director Dragani discussed the rules as described in the resolution and explained the changes in the rules. Director Dragani requested a motion to accept the resolution with a few grammatical changes. Mr. Kirchner initiated the motion and Mr. Snee seconded the motion. All were in favor and none opposed. The motion to accept the Resolution was passed with discussed grammatical changes.

The Board directs legal counsel to prepare the necessary documents and to proceed with filing the proposed rules with the Joint Committee on Agency Rule Review (JCARR). A vote was taken for the acceptance of the resolution. The members who signed FOR the Resolution were Michael Snee, Nancy Dragani, Kevin Clouse, Chuck Kirchner, and Dan Fisher. Dean Jagger was unable to sign because he was not present. None opposed.

Director Dragani also pointed out for review several Rule Summary Fiscal Analysis, (RFSA) that are required to be presented with the proposed rule changes. The board reviewed them and voted on motion to approve them. Mr. Fisher initiated the motion and Mr. Snee seconded the motion. None opposed and the motion passed.

V. MISCELLANEOUS
Questions from the public presented to the board:

- It was brought up that the Lake County requested to bag the KI’s. Mr. Snee stated that it should be a joint venture and the states will provide the bags.

- There was concern about disposing KI. Mr. Snee said that ODH will push out guidance on the best methods for the disposal of KI. It was mentioned that some pharmacies collect KI.

VI. ADJOURNMENT
Mr. Kirchner asked for a motion to adjourn the meeting and Mr. Clouse seconded the motion. The motion passed and the meeting was adjourned at 12:06 PM.