

UTILITY RADIOLOGICAL SAFETY BOARD OF OHIO
MEETING MINUTES
APRIL 10, 2006

Ms. Nancy Dragani called to order the April 10, 2006 meeting of the Utility Radiological Safety Board of Ohio at 1:30 p.m.

The first order of business was roll call, taken by the URSB Secretary, Martha Underwood.

I. ROLL CALL

EMERGENCY MANAGEMENT AGENCY	MS. NANCY DRAGANI
DEPARTMENT OF HEALTH	MR. ROBERT OWEN
DEPARTMENT OF AGRICULTURE	MR. ANTHONY MITCHELL
PUBLIC UTILITIES COMMISSION	MR. DAN FISHER
ENVIRONMENTAL PROTECTION AGENCY	MS. CINDY HAFNER
DEPARTMENT OF COMMERCE	MR. DEAN JAGGER

A quorum was declared.

II. READING OF THE JANUARY 9, 2006 MINUTES (ADOPTED)

The Board dispensed with reading of the January 9, 2006 minutes. Ms. Dragani asked for any additions, corrections or deletions to the minutes. Ms. Dragani asked for a motion to approve the minutes. Mr. Anthony Mitchell of the Ohio Department of Agriculture (ODA) moved to adopt the minutes and Mr. Robert Owen, of the Ohio Department of Health (ODH) seconded. The motion was carried.

III. OLD BUSINESS

A. Working Group Initiatives. Initiatives were reviewed by Carol O’Claire, EMA.

BVPS Ingestion Exercise (EMA/ODH/EPA/ODA): A full participation ingestion exercise will be conducted on June 27–28, 2006, with a dry run exercise on June 6–7, 2006. The exercise will run from 4:30 p.m. until 9:30 p.m. on the first day; the second day it will be during the daytime and will run from 9:00 a.m. until 2:00 or 3:00 p.m. The Field Team Center (FTC) will be located in Mahoning County. The extent-of-play agreement was forwarded to DHS (formerly FEMA) for review on March 29. A drill will be conducted on April 18 to practice the ingestion portions of the operation. BVPS representatives will conduct Systems training on May 18 in the Assessment Room. On May 19, a tabletop exercise will be held in the morning, and Field Team training will be conducted in the afternoon. Federal partners will participate on Day 2.

PNPP Partial Participation Exercise (EMA/ODH/EPA): A partial participation exercise will be conducted on October 24, 2006, with a dry run exercise on October 23, 2006. The extent-of-play meeting will be held in mid July.

Reactor Oversight Program (EMA): This is an NRC program used to provide continuous oversight of nuclear power plants to verify that each plant is operated in accordance with NRC rules and regulations. Key features of the new program are a risk-informed regulatory framework, risk-informed inspections, a significance determination process to evaluate inspection findings, performance indicators, a streamlined assessment process, and more clearly defined actions the

NRC will take for plants based on their performance. The URSB will continue to monitor this program especially as it relates to emergency preparedness.

RASCAL Training: RASCAL 3.1 training will be held on May 15 in the afternoon. Michael White, Radiological Field Analyst in Columbiana County, will provide the training.

KI (ODH/EMA): The shelf life of KI for the general public is approaching expiration (May 2007). The NRC position is that the original supply of the pills would not be replenished by them and that States would have to replenish the supply. Regarding the liquid KI, the Commission has not indicated what their position would be on replenishment.

The State received notice by the NRC that the NRC and HHS have liquid KI available for distribution in the 10-mile EPZ. Discussions will continue with local health departments, county EMAs, the utilities, and State agencies concerning the issues surrounding liquid KI.

Bob Owen: The shelf life of KI has an expiration date of May 2007. The NRC would not replenish it, the state would have to do that. Most of the information received back is against the acceptance of liquid KI. Ohio will probably follow not to accept liquid KI. It doesn't really lend itself well and there are side disparities with liquid KI. That will be the recommendation from the Bureau of Protection to the Director of Health.

Ohio Agriculture Brochure (ODA): Anthony Mitchell stated that the Ohio Agriculture Brochure will be reviewed and updated as necessary and distributed in the fall of 2006.

Q: Nancy Dragani stated that there is something to consider before receiving any '07 dollars and that is they must incorporate NIMS into the radiological exercises, as well as all hazards. She asked if HHS was proposing to provide liquid KI free of cost.

A: Bob Owen answered that he was not sure how it was going to unfold. He stated that it was unanswered at this time.

Q: Nancy Dragani asked if it was unanswered as to dose.

A: Bob Owen answered yes.

B. Bob Owen reviewed the Department of Health Midwestern Radioactive Material Transportation Committee Report. Committee Meeting

The committee has not meet since the last board meeting. The committee will meet again on June 14-15, 2006, in Cedar Rapids, Iowa.

DOE Transportation External Coordination Working Group

The Working Group met in Washington, DC on March 14-15, 2006. The meeting focused on the Tribal Topic Group, Manual Review Topic Group, Security Topic Group, Rail Topic Group, and Section 180(c) Topic Group.

Manual Review Topic Group

The DOE Transportation Practices Manual was reviewed for comment by Topic Group members. States requested that their comments be included in the DOE comment/resolution matrix. Key comments noted that DOE takes title to spent nuclear fuel at the gate of nuclear power plants, thus DOE Orders apply. States are asking that DOE requirements be uniform with that of the NRC. DOE claims that their requirements are equivalent to that of NRC, thus rejected the states comments. It was also suggested that DOE establish MOUs with the nation's railroads.

Section 180 (c) Funding

A merit review panel of subject matter experts is required by DOE for evaluating every grant proposal. Each Section 180(c) grant program, the Assessment and Planning Grant and the Training Grant, must have criteria by which the panel evaluates the narrative section of the proposal. For Section 180(c), the criteria fall into two categories: procedures for safe routine transportation and those for emergency response. There are four goals for the training grant.

A draft application kit and application guidance document was distributed. An overview of submitting an electronic application for a government grant was provided.

Rail Topic Group

The group discussed what actions would be taken by all stakeholders during and before shipments, i.e., from hours to months before each shipment. Agencies involved were DOE, FRA, carriers, states and tribes. Of concern to many were the security gaps that seemed to exist at rail yards.

Spent Fuel Storage

The Private Fuel Storage facility near Salt Lake City, Nevada has received its NRC license for construction and operation of a spent fuel storage facility. The PFS has issued a letter to Congress offering its facility for interim storage of spent nuclear fuel destined for Yucca Mountain. This would require legislation on the part of Congress. A cost savings of \$460 million per year was quoted.

NARUC passed a resolution in opposition to continued on-site storage of spent nuclear fuel at reactor sites. The resolution also calls for collaboration among state-based organizations to defeat any legislative attempt to perpetuate on-site storage.

Nancy Dragani stated that they would change the agenda slightly and go to **V. Miscellaneous – State Financial Disclosure Statements**. Tammy Little stated that the Financial Disclosure Statements are due April 15. If anyone has any questions, they should call Tammy Little.

IV. NEW BUSINESS

A. National Radiological Emergency Preparedness (NREP) Conference – Darryl Walden.

Darryl Walden attended the National Radiological Emergency Preparedness (NREP) Conference in St Louis, Missouri, March 27-31, 2006. The purpose of the conference was to provide a professional forum for individuals and agencies involved in radiological emergency preparedness and response. Attendees were present from federal, state, and local emergency management agencies, radiological health programs, nuclear power utilities, and other organizations involved in radiological emergency preparedness and response. Many presentations were given in the week long conference and are available at the NREP website (<http://www.nationalrep.org/>).

Several topics were of particular interest to Ohio:

- The effort to integrate security based exercises into the REP exercise cycle continues. Several pilot table top exercises have been conducted and it is expected that a final policy will be implemented by 2009. The end state of this initiative is for security event scenarios to be fully integrated into the drill and exercise program to the extent that one biennial exercise in each six-year cycle is an EP (Emergency Preparedness) security exercise.
- Comments were received on the “KI to 20 miles” federal register. A final policy was promised within a month. It is likely that, if local jurisdictions wish to accept KI out to 20 miles, the states will need to reviewed their plans and procedures for implementing the program.
- EPA-400 (Manual for Protective Action Guides and Protective Actions for Nuclear Incidents) is in revision. The updated version will include Protective Action Guidelines for water and a recovery section. These issues are not addressed the current edition to EPA-400.
- The exercise schedule was established for DHS, Chicago Field Office states. Future Ohio Exercise dates are as follows:
 - 6/6-7/06 BVPS Full Participation Ingestion Dry Run
 - 6/27-28/06 BVPS Full Participation Ingestion Exercise
 - 10/4/06 PNPP Partial Participation Dry Run
 - 10/24/06 PNPP Partial Participation Exercise
 - 5/15/07 DBNPS Full Participation Exercise
 - 6/17/08 BVPS Partial Participation Exercise
 - 10/7/08 PNPP Full Participation Exercise
 - 5/12/09 DBNPS Partial Participation Exercise
 - 6/29/10 BVPS Full Participation Exercise
 - 10/26/10 PNPP Partial Participation Exercise
 - 5/17/11 DBNPS Full Participation Exercise

Q. Bob Owen asked what would be in the notice (KI).

A. Darryl Walden stated that they didn't go into detail. If a local jurisdiction wants to take KI out to 20 miles, we will not have any option but to support their choice.

Darryl Walden stated that the REP conference is expanding.

Q: Carol O'Claire asked if they have scheduled next year's conference.

A: Darryl Walden stated that it would be held in California in the latter part of April next year.

B. Federal Outreach Program – Carol O'Claire.

Carol O'Claire stated that the Federal Outreach Program that was held on March 1 was very successful approximately 70 people attended. There was a tabletop exercise in the afternoon of the first day. The FRMAC would probably be physically located in Pennsylvania and the Advanced Party Checklist would be done with three states. They would have a teleconference call or a video conference call. On the second day (March 2) FRMAC training was conducted by

DOE. They went over sampling procedures. West Virginia and Pennsylvania representatives were present.

Nancy Dragani stated that the Federal Outreach Program was outstanding. She thanked Roland Lickus for the fine job he and the NRC did in preparing this program. Pennsylvania and Beaver Valley is different for Ohio EMA. We would not contact the federal representatives without contacting Pennsylvania. Nancy thanked Carol O'Claire, Roland Lickus and Bob Owen for an excellent presentation.

C. Nuclear Regulatory Commission – Roland Lickus, representative for the NRC, presented his report.

Perry Update

On February 8, 2006, the NRC staff completed its performance review of the Perry Nuclear Power Plant. A public meeting was held on March 14, 2006, to discuss the 2005 performance review.

Overall, Perry operated in a manner that preserved public health and safety. Perry remained within the Multiple/Repetitive Degraded Cornerstone column of the Action Matrix based on two open White findings in the Mitigating Systems cornerstone and continuing performance deficiencies in Human Performance and Problem Identification and Resolution. FirstEnergy Nuclear Operating Company (FENOC) was initially notified that Perry had entered the Multiple/Repetitive Degraded Cornerstone column in our August 12, 2004, letter.

In response to Perry's transition to the Multiple/Repetitive Degraded Cornerstone column, and additional NRC inspections, FENOC provided actions they would perform to address issues in the Corrective Action Program, Human Performance Inspection Issue Follow up, and Emergency Preparedness areas. FENOC also has developed and revised a Performance Improvement Initiative (PII).

To confirm the agency's understanding of these and other specific actions that FENOC planned to take to improve and sustain performance at Perry, the NRC issued a Confirmatory Action Letter (CAL) on September 28, 2005. The NRC is in the process of conducting CAL follow up inspections, in addition to the normal baseline inspection program, to assess the status and confirm the effectiveness of FENOC's commitments and action items primarily in the areas of Problem Identification and Resolution, and Human Performance.

Additionally, the NRC has identified substantive cross-cutting issues in the areas of Problem Identification and Resolution, and Human Performance. Perry was first informed of these substantive cross-cutting issues in our mid-cycle assessment letter dated August 30, 2004, and our annual assessment letter dated March 2, 2005, respectively, and again in our mid-cycle assessment letter dated August 30, 2005. The two substantive cross-cutting issues were also reflected in recent inspection reports where examples of continuing problems in the areas of Problem Identification and Resolution, and Human Performance, were documented.

In the area of Problem Identification and Resolution, there continued to be numerous findings in the areas of corrective action, identification, and evaluation. In the area of Human Performance, there were numerous findings related to personnel performance weaknesses.

While the Corrective Action Program implementation and overall Human Performance have been, and continue to be, focal points of Perry's Performance Improvement Initiative; issues continue to be identified. As a result, the substantive cross-cutting issues in Human Performance and Problem Identification and Resolution remain open.

NRC will continue to assess Perry's performance in these areas through the implementation of the baseline inspection program, which will include a Problem Identification and Resolution inspection, and the Confirmatory Action Letter follow up inspection activities, which will be conducted as action items are completed by Perry staff.

To summarize, what is the NRC specifically doing to ensure that Perry improves?

In addition to the routine baseline inspections prescribed by the Reactor Oversight Process, the NRC is in the process of conducting Confirmatory Action Letter follow up inspections to assess and confirm the effectiveness of FENOC's specific actions to improve performance at Perry. Basically, their inspections will determine whether the licensee's performance improvement plans appear adequate to address the performance issues which exist; whether the actions planned to implement the plan are adequately accomplished; and finally, and most importantly, whether those actions are effective and plant performance has improved.

Our inspection of the Perry Phase II Performance Improvement Initiative is complete and resulted in no NRC findings and a general conclusion that the Phase II Performance Initiative (i.e., the plan for improving performance at Perry) is adequate, including improvements in the areas of human performance and corrective action program.

In addition, NRC continues to inspect Perry commitments in the Improvement Plan and other commitments in response to our Confirmatory Action Letter. In other words, we are confirming that Perry is completing necessary action items and commitments designed to improve performance (i.e., are they doing what they said they would do).

And finally, NRC will, in the future, perform inspections to determine if the plans developed and actions implemented have had the desired result.

Davis-Besse Update

On February 8, 2006, The NRC staff completed its performance review of Davis-Besse Nuclear Power Station. A public meeting has been tentatively scheduled for May 2, 2006, to discuss the 2005 performance review.

Overall, Davis-Besse operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the fourth quarter of 2005 was within the Regulatory Response column of the NRC's Action Matrix, based on one White finding associated with Emergency Preparedness siren testing and reporting of siren Performance Indicator data. We conducted supplemental inspection 95001 during the period of October 17 to 21, 2005. No findings of significance were identified and the White finding was closed. With the closure of that finding, Davis-Besse transitioned to the Licensee Response column of the NRC's Action Matrix at the end of the fourth quarter of 2005.

NRC REGULATORY ISSUE SUMMARY 2006-03

The NRC recently issued what is called a Regulatory Issue Summary (RIS) to provide guidance to licensees for requesting an exemption from the requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50, Appendix E, to hold a biennial emergency preparedness exercise.

The NRC staff identified the need for this guidance based on experience with reviewing exemption requests and answering questions from the nuclear power industry. Examples of circumstances that may require an exemption request are the impact of natural disasters on emergency preparedness and response personnel, real events on or near the scheduled exercise date, and unavoidable changes to schedules which result in the unavailability of a key exercise player or facility.

The Commission may grant exemptions from the requirements that are: authorized by law, will not present an undue risk to public health and safety, and are consistent with the common defense and security. However, the Commission will not consider granting an exemption unless special circumstances are present.

If an offsite authority notifies a licensee of its inability to participate in a scheduled exercise, or other events or circumstances make it impractical to conduct the exercise as scheduled, the licensee should decide whether to postpone the entire exercise or conduct the exercise without all required offsite authorities. Rescheduling an exercise within the same calendar year does not require an exemption. The licensee is responsible for submitting an exemption request to the NRC. An exemption must be requested for the postponement of an entire biennial exercise to the following calendar year.

To request NRC approval of an exercise exemption, the licensee shall submit a request for exemption which provides a basis for determining that the requested exemption is authorized by law. In addition, the request shall demonstrate that special circumstances, as set forth in 10 CFR 50.12(a)(2), are present.

A licensee request for an exemption should include a list of all drills, exercises, and other training activities conducted since the previous biennial exercise and all drills, exercises, and other training activities scheduled before the next biennial exercise. The list helps establish a basis for assurance that the licensee has regularly exercised its emergency response strategies and personnel in coordination with offsite authorities, that postponing the biennial exercise will not pose an undue risk to public health and safety, and that a good faith effort has been made to satisfy the underlying purpose of the rule.

If the NRC grants an exemption from NRC requirements to allow a biennial exercise to be postponed until the following calendar year, the licensee's exercise cycle is not affected. For example, if a licensee is scheduled to conduct its biennial exercise in an even calendar year and receives an exemption to postpone the exercise until the following odd year, future biennial exercises must still be conducted in even calendar years. If a licensee has not conducted a biennial exercise before the end of the year in which the exercise is scheduled, that licensee may be found in violation of Appendix E to 10 CFR Part 50, unless an exemption has been approved by the NRC. A licensee should submit the request as soon as possible after identifying the need.

Q: Carol O’Claire asked if Davis-Besse could not support an exercise, but FEMA had it on their books, would they have the justification for DHS to postpone the exercise? Would there be an on-site exercise?

A: Roland Lickus answered that it deals with both. They have to make the decision whether or not it can be postponed. Licensees have to come to them.

Q: Carol O’Claire asked that if they were involved in a flooding, and couldn’t support the staff, could they go to the plant?

A: Roland answered yes. It would not necessarily affect the on-site exercise.

Q: Nancy Dragani asked if they had ever had to do that in Ohio.

A: Vernon Higaki answered that yes, they have had to split the on-site and off-site exercise.

Vernon Higaki introduced Buck Kelly, the new manager for the Perry Plant.

D. Utility Reports – presented by Vernon Higaki

1. **Beaver Valley Power Station** – The Unit 1 Steam Generator Replacement Outage continues to progress. Tours of the plant were conducted for a number of offsite agencies. Refueling is complete and the reactor coolant loops are in the process of being refilled. The current expected outage completion date is 4/21/06.

Carol O’Claire thanked FENOC for allowing the state agencies to get inside containment.

Unit 2 Reactor trip 04/02/06 – Unit 2 tripped off line on Sunday, April 2 due to a failure in the generator exciter coil. An event response team was brought together to investigate the issue. A replacement coil was obtained and the plant was synchronized to the grid early Thursday morning, April 6. While off line, Unit 2 remained the top site priority, but through careful planning by the Outage Central team, there was no impact on the Unit 1 outage schedule.

Response to GL 2006-01, Steam Generator Tube Integrity and associated technical Specifications – Beaver Valley has already made their submittal to the NRC and its is currently under review.

Response to GL 2004-02, Potential Impact on Debris Blockage on Emergency Recirculation During Design-Basis Accidents at Pressurized Water Reactors – This Generic Letter (GL) addressed an industry issue on containment sumps and their associated strainers. A reanalysis of sump capabilities was performed and plant specific prototype testing is being conducted for each site. Sump screen replacements are scheduled for Unit 2 during the fall 2006 outage and Unit 1 during the fall 2007 outage. Some work to address the issue is being implemented during the current Unit 1 outage.

2006 BVPS Exercise – Preparations for the 2006 Evaluated Exercise (June 27) are underway and progressing on schedule. Exercise scenarios are complete and are being

prepared for submittal. Near term onsite activities include a mini drill on May 25, practice exercises scheduled for June 6 and 13.

2. **Davis-Besse Nuclear Power Station** – Vernon Higaki gave an update on the **EPZ sirens**. Since 2000, all emergency planning zone sirens, poles and control station have been replaced. December 2005-January 2006, the last 28 sirens and poles were replaced with Federal Signal, Model 2001DC and are equipped with battery back-up power. March 29, 2006-the annual three-minute siren test was performed with a 100% successful activation of the sirens. Vernon also reviewed the Independent Assessments – Confirmatory Action Letter Commitments.

Vernon talked about the **Security Event of 01/23/06** when a contractor reporting for the first day of outage processing reported that he was car jacked and that three individuals exited his car when it stopped at the onsite security post and ran toward State Route 2. It was determined that the story had been fabricated. The individual was charged by the Ottawa County Sheriff with inducing panic and falsification, both first-degree misdemeanors that carry a maximum penalty of six months in jail.

Q: Carol O’Claire asked if there was anything in the contractor’s background check.

A: Vernon stated that he didn’t have that information.

Outage 03/05/06-Weld crack in primary loop – The Davis-Besse Nuclear Power Station in Mode 6 (Refueling), an axial indication was discovered on the Reactor Coolant Pump 1- 1 Cold Leg Drain Line Nozzle to Elbow Weld. This was reported to the NRC as required by regulation. A weld repair is being performed in accordance with ASME Code requirements and will ensure long term integrity of the piping. Current outage status is fuel reload is complete, the reactor vessel head has been installed and tensioning of the reactor head studs is in progress.

EDG Inoperable for 14.7 days (Licensee Event Report)-01/20/06 – On January 20, 2006, while preparing Emergency Diesel Generator (EDG) 2 for testing, an investigation was performed of a tapping noise heard within the EDG. An evaluation of the decision to not more fully investigate the tapping noise when initially identified is ongoing, and the results will be reported in a supplement to this Licensee Event Report. They are revising current maintenance procedures.

Generic Letters (GLs) – Steam Generator Tube Integrity and associated technical specifications - Davis-Besse will submit NRC-requested changes by May 31, 2006. Davis-Besse’s inspection program is already aligned with NRC-requested changes. **Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accident at Pressurized Water Reactors** – Davis-Besse sump modifications were completed during the extended shutdown. Additional testing is going on.

3. **Perry Nuclear Power Plant – Incorrect Configuration of Division 1 remote shutdown panel wiring** - Buck Kelly, manager at the Perry Plant, presented the report. Buck made a correction in the first item: the date listed as January 17, 2008 – should be corrected to January 17, 2006. The first item stated that an internal wiring jumper on a switch in the Remote Shutdown Panel (RSP) was found to be installed incorrectly. The jumper was

identified as result of surveillance testing. Completed corrective actions were to rewire the switch correctly and to inform the manufacturer of the drawing and wiring error in the supplied RSP. Additional corrective actions will be to revise the necessary surveillances and the Updated Safety Analysis Report to clarify fire protection program testing requirements and to present lessons learned from this investigation to the Design Engineering Section.

Q: Carol O'Claire asked how often the surveillance tests are conducted.

A: Buck answered that it is 90 days to six months.

Alert – 02/11/06 – the Perry Plant declared an Alert classification for a fire in a ventilation fan bearing. At 3:06 p.m. a roving operator was dispatched to the fan due to increasing vibration indication. Flames were coming from a fan bearing and the fire brigade was toned out. The fire brigade responded and used a chemical extinguisher and reported the fire to be out at 3:09 p.m. At 3:15 p.m., the shift manager declared the Alert classification. This ventilation equipment is listed in the plant's emergency implementing procedure for fire and required the entry into the emergency plan. The event was terminated at 5:40 p.m. after operations personnel shifted to a second ventilation fan, and after engineering assessments were completed that other equipment in the area of the fire were not affected.

Reduction in power – 01/14/06 – A reduction in power output was conducted starting Saturday, January 14, 2006 to complete some maintenance on one of the Turbine Drive Feedwater Pumps and to perform a control rod pattern adjustment. Power was reduced to approximately 65% to perform this work. The plant returned to 100% power on January 18, 2006.

Sulfuric acid in storm drains above EPA limits – 02/10/06 – A delivery of sulfuric acid for the plant's water treatment facility was scheduled for February 10, 2006. In preparation for that delivery, a catch basin at the unloading station was noted to be full of water. This was thought to be simply rainwater. Workers started to pump the catch basin to the storm drains. The Environmental Specialist was contacted and advised that the water had to be tested for pH prior to discharging to the storm drains. The pumping operation was stopped. A sample of the water was taken and determined to contain sulfuric acid. Approximately 10 gallons of pH 2.6 water was released to the storm drains, indicating it contained approximately one milliliter of sulfuric acid. The 2.6 pH was below the lower limit of 6.5; therefore, a report to the Ohio EPA was required.

Earthquakes – Several earthquakes were reported off the coast of Lake Erie west of the Perry Plant during the past calendar quarter. There was no effect on the plant or plant operations due to these earthquakes. There were no indications in the control room of the earthquake occurrences.

4. **FENOC** – Vernon Higaki reviewed the summary of items from the **Status of December 6, 2005 items identified as assessment needs**. a) **Common initial notification forms** will require additional meeting with Ohio and Pennsylvania emergency management agency personnel. Some differences will be required based upon the needs of each State. Perry and Davis-Besse forms are being developed so there is one common form from those stations. b) **A meeting was held on March 17** with the FirstEnergy telecommunications

manager to begin developing improved information communication from Beaver Valley station to the Ohio Emergency Management Agency assessment room. **c) Benchmarking for dose assessment programs** is not complete and will be further pursued after the FENOC plant refueling outages. **d) MARCS radio system testing** and further development of capabilities from Beaver Valley will be pursued following the current refueling outage.

Greg Halnon mentioned that the EMA director in Pennsylvania, Mr. Joseph, is very interested in satellite telephones. They will also look at VHF radios.

Nancy Dragani stated that one of the lessons that came out of Katrina was that news stations use up all the band. You may have to go back to VHF.

Unescorted Access – Greg Hanlon stated that the agreements have both been signed. The State received their copy and he had his copy.

NFPA - Greg Halnon stated that on NFPA 805, FENOC is going to adopt that Beaver Valley will be first. Many states have asked for a three-year exemption because of the time it takes to get through all the analysis. FENOC tried to stay with the two years. There are provisions to ask for more time. Davis-Besse will be second – 2009-2010. Perry will be last.

Status of Tritium – Greg Halnon reviewed the fact sheet on Tritium: FENOC Tritium Detection Efforts dated April 3, 2006 on the Perry Plant and background information on Tritium. Greg stated that Davis-Besse had a spill in 1990, 91 and 93. All the dirt was dug up and there have been no issues since. Perry has an active issue now. Greg referred to the hand-drawn diagram that he had as a hand-out. He stated that they would take quarterly samples from selected points including the ESW Pump House, as part of a routine sampling program. A recent sample indicated the presence of low levels of Tritium, probably from a feedwater leak from a flange. From the diagram, he explained that the ESW Pump House feedwater flange would now be surveyed by camera to monitor for leakage. The sampling of the lake is now being done more frequently to monitor for any potential seepage into the drinking water. Presently all samples have shown negative for Tritium in the lake. They met with the Lake County Board of Health and they are doing joint samples of the lake too. They will continue to monitor it. There was some media interest. Channel 8 did a balanced report. Perry will continue to do daily samples until they are back in the normal levels.

Q: Bob Owen asked who they had working with the County Health Department because they were very concerned about this. Bob mentioned that they support additional sampling through their ODH Lab. He stated that the day the tritium was discovered, there was off-site sampling.

A: Greg Halnon answered that they were working with Lake County General Health District.

Nancy Dragani thanked Greg for his report. Nancy asked if there were any other issues or discussions that they needed to have at this time. There were none.

ADJOURNMENT

Cindy Hafner of the Environmental Protection Agency, made a motion to adjourn, it was

seconded by Anthony Mitchell of the Department of Agriculture. Nancy Dragani adjourned the meeting at 3:30 p.m. The next meeting will be July 10, 2006.

DATE

NANCY J. DRAGANI, CHAIR
UTILITY RADIOLOGICAL SAFETY BOARD