



Nevada Site Specific Advisory Board (NSSAB)

Full Board Meeting

**National Atomic Testing Museum
755 East Flamingo, Las Vegas, NV
4:00 p.m. – September 10, 2014**

Members Present: Kathleen Bienenstein (Chair), Thomas Fisher, Donna Hruska (Vice-Chair), Janice Keiserman, Michael Moore, William Sears, Jack Sypolt

Members Absent: Arthur Goldsmith, Edward Rosemark

Liaisons Present: Christine Andres (State of Nevada Division of Environmental Protection [NDEP]), Phil Klevorick (Clark County), Genne Nelson (National Park Service [NPS]), Jonathan Penman-Brotzman (NPS)

Liaisons Absent: Richard Arnold (Consolidated Group of Tribes and Organizations), Ralph Keyes (Esmeralda County Commission), John Klenke (Nye County Nuclear Waste Repository Project Office), Mike Lemich (White Pine County Commission), Charlie Myers (Elko County Commission), Kevin Phillips (Lincoln County Commission), Dan Schinhofen (Nye County Commission)

Department of Energy (DOE): Robert Boehlecke, Jhon Carilli, Kelly Snyder (Deputy Designated Federal Officer [DDFO]), Scott Wade, Bill Wilborn

Facilitator: Barb Ulmer (Navarro-Intera [N-I])

Public Signed In: Michael Anderson (Goldfield, NV), Geoff Asmos (Lafayette, CO), David Carlson (Newport News, VA), Pennie Edmond (Las Vegas, NV), Ray Sitkiewicz (Las Vegas, NV), Angela Ramsey (N-I), Steve Rosenbaum (North Las Vegas, NV), Cecilia Snyder (Las Vegas, NV), Jim Tallant (Henderson, NV), Richard Toft (Las Vegas, NV)

Open Meeting/Announcements/Chair's Opening Remarks

Following the Chair's opening remarks, Member Michael Moore moved to approve the agenda as presented. The motion was seconded and passed unanimously.

Public Comment

Facilitator Barb Ulmer reviewed the Public Comment procedures.

Ray Sitkiewicz, a microbiologist and president of NEVACAL – Las Vegas, stated that he is interested in the cleanup methods utilized at the Nevada National Security Site (NNSS). His team has developed a system over the course of twenty years called Radiation Remediation Remedy (RRR), and he has not been able to implement the system at any location. Mr. Sitkiewicz listed areas (Czech Republic, Trojan Nuclear Plant on the Columbia River, and Savannah River) in which he has attempted to get his system into use to treat and reduce radioactive waste. He posed the question to the Board, do you want an answer or are you content with the status quo or do you want to see some change? Mr. Sitkiewicz stated that if the RRR system could be adapted and significant amount of money could be saved over the course of system implementation after the initial investment. He had additional information available at the meeting.

U.S. DOE Update (*Scott Wade, DOE*)

Scott Wade stated that DOE is waiting on congressional action on appropriations for fiscal year (FY) 2015. The budget request submitted by the President is approximately \$65 million for the NNSS. The Board will be updated with final FY 2015 budget numbers at subsequent meetings. As in previous fiscal years, it is expected that a portion of FY 2015 will be funded under continuing resolution.

Mr. Wade noted that the NNSS has received one million cubic feet (ft³) of low-level waste (LLW) in about 1,200 truckloads in FY 2014 and anticipates ending the fiscal year with the receipt of approximately 1.2 million ft³. In FY 14, environmental restoration activities have focused on soils and groundwater activities at Frenchman and Yucca Flat. DOE will publish its 2013 NNSS Environmental Report in September 2014, and it will be available on-line at www.nv.energy.gov/library/publications/aser.aspx. This report summarizes the environmental monitoring that occurs at the NNSS and includes some off-site monitoring results.

In regard to the Consolidated Edison Uranium Solidification Project (CEUSP) material, Mr. Wade addressed the requests from the last meeting of the Governor of Nevada/Secretary of Energy Working Group held in August 2014. DOE was asked to: (1) complete a tabletop exercise, which was held on July 23, 2014, and (2) finalize and publish a *National Environmental Policy Act* (NEPA) document at the State of Nevada's request that summarizes the risks and consequences of the transportation and disposition of the CEUSP material. Work on the NEPA document is almost complete and should be published soon. Mr. Wade reiterated that there is not a planned shipping date.

Mr. Wade will be meeting with other field managers in Idaho Falls next week, and will also spend Wednesday with the NSSAB Chair and Vice-Chair at the Environmental Management Site-

Specific Advisory Board (EM SSAB) National Chairs' Meeting in order to hear the perspectives of the eight collective Boards from across the EM complex.

Other NSSAB Business (*Kathleen Bienenstein, Chair*)

A draft recommendation letter regarding Radioactive Waste Acceptance Program (RWAP) Facility Evaluation Improvement Opportunities (Work Plan Item #7) was reviewed and discussed by the Board. Member Thomas Fisher moved to accept the draft recommendation as written. The motion was seconded and passed unanimously.

Two letters were provided to Board members for informational purposes:

- NSSAB Recommendation for Ways to Increase/Enhance Communication Regarding Waste Transportation and Disposal (Work Plan Item #9) – dated July 16, 2014
- DOE Response to NSSAB Recommendation for Ways to Increase/Enhance Communication Regarding Waste Transportation and Disposal (Work Plan Item #9) – dated August 18, 2014

Chair Kathleen Bienenstein and Vice-Chair Donna Hruska, along with Scott Wade and Robert Boehlecke, attended the RadWaste Summit the first week of September 2014. Chair Bienenstein reported that they participated on a panel of speakers for the future of disposal at the NNSS, and their presentation focused on the NSSAB's perspective regarding LLW transportation and disposal at the NNSS and highlighted the Board's relationship with DOE.

Chair Bienenstein stated that she and Vice-Chair Hruska will be attending the fall EM SSAB National Chairs' Meeting in Idaho Falls the week of September 15, 2014. The round robin topics that were decided and approved by the Board at its July 16, 2014 Full Board Meeting have been submitted to the EM SSAB. Vice-Chair Hruska added that one of the roundtable topics will focus on setting budget priorities, and each site was asked to provide information in advance of the meeting.

On July 23, 2014, Chair Bienenstein and Member Jack Sypolt attended the Transportation Emergency Preparedness Tabletop Exercise as observers. Member Sypolt noted that personnel from the Office of Secure Transportation provided an overview of the procedure for transporting radioactive materials. The presented scenario was thoroughly explored by the active participants and questions addressed. Mr. Wade added that there were representatives in attendance from Radiological Assistance Program (RAP), a very important DOE asset here in Nevada that is deployed nationally and internationally. He will look into having RAP provide a briefing on its missions and activities at a future educational session. He also noted that a tabletop was also held in Pahrump, NV to provide Nye County the same opportunity to undergo a similar scenario. Liaison Phil Klevorick highlighted that the local emergency jurisdictions in Nevada regularly work together and consequently are better prepared for an emergency.

Liaison Updates

Clark County (*Phil Klevorick*)

Liaison Klevorick reported that he also attended the RadWaste Summit and recommended that the NSSAB continue to participate in this and similar conferences in the future, especially the 2015 Waste Management Symposia in Phoenix and the planned day that features activities at the NNSS. The information provided at these conferences provides a better understanding at a

higher level of detail of the waste management activities across the DOE Complex. Many of the participants are high-level decision makers for DOE and are interested in the citizen perspective and involvement. Liaison Klevorick stated that he will be attending the Western Interstate Energy Board/Western Governors Association joint meeting scheduled in October 2014 that will focus primarily on the draft National Transportation Plan. Liaison Klevorick thanked Chair Bienenstein and Member Fisher for their participation on the Board.

NDEP (*Christine Andres*)

Liaison Chris Andres reported that she attended both the tabletop and the RadWaste Summit which were both very informative. Since there will be a number of new members on the NSSAB, Liaison Andres offered to provide a briefing to explain NDEP's roles and responsibilities as it relates to EM activities.

NPS (*Genne Nelson*)

Liaison Genne Nelson stated that Death Valley National Park's primary interest in EM activities is the study of contaminant migration that may affect the quality of Park water supplies. Of equal interest are any activities at the NNSS that could impact water quantity that supports Park natural resources. Transportation of waste to the NNSS for disposal is of potential concern to the Park if either transportation corridors or the nature of the LLW materials transported change in the future. Liaison Nelson introduced the new NPS Liaison, Jonathan Penman-Brotzman.

Member Recognition

Mr. Wade acknowledged Chair Bienenstein and Member Fisher for their commitment, leadership, and service to the NSSAB and presented them with a certificate of appreciation.

Industrial Sites FY 2014 Wrap Up and FY 2015 Planned Activities (*Robert Boehlecke, DOE*)

- **Industrial Sites FY 2014 Wrap Up**
 - Planned: Continue to conduct Resource Conservation and Recovery Act (RCRA), Non-RCRA, and Tonopah Test Range (TTR) post-closure inspections
 - Status: All required post-closure inspections, repairs, and monitoring activities were completed in FY 2014
 - In May 2013, vegetation monitoring at Corrective Action Unit (CAU) 111 revealed that plant establishment on the cover was below expectations, and remedial revegetation was required. In October 2013, test plots were established on the northern cover to determine the most effective method of revegetation. Additional test plots will be revegetated in FY 2015.
 - Planned: Submit 2013 RCRA, Non-RCRA, and TTR monitoring reports to the State of NDEP
 - Status: All post-closure reports were submitted to NDEP on schedule in FY 2014
- **Industrial Sites FY 2014 Wrap Up Additional Activities**
 - Surveillance and maintenance activities, including engineering and safety inspections, were performed at the Engine Maintenance, Assembly and Disassembly (EMAD) Facility
 - Housekeeping cleanup activities were performed at EMAD, and hantavirus waste was disposed
- **Industrial Sites FY 2015 Planned Activities**

- Continue to conduct RCRA, Non-RCRA, and TTR post-closure inspections; revegetate the remaining CAU 111 covers
- Submit 2014 RCRA, Non-RCRA, and TTR monitoring reports to NDEP
- Prepare a report consolidating the post-closure monitoring for all sites

In response to Board questions, the following clarifications were provided:

- The revegetation at CAU 111 may not have been successful because the soil used as cover was not top soil; therefore there may be issues with the organic matter in the soil. The soil has been sent for testing and a determination about soil enhancement will be made once the results are received.
- There were not any erosion issues with the most recent rainfall; however, prior rainfall has posed a challenge.
- There are sites that have additional monitoring requirements based on excessive rainfall.
- Geotechnical fabric has been considered previously at different sites, but it was determined that utilizing this fabric at CAU 111 would not provide much relief for erosion control.
- Nonnative vegetation is intrusive and at times grows better than the native plants.

Soils FY 2014 Wrap Up and FY 2015 Planned Activities *(Rob Boehlecke, DOE)*

- **Terminology**
 - Corrective Action Investigation Plan (CAIP) - Details the investigation plan and provides information for planning investigation activities
 - Site Investigation – Act of conducting field characterization activities
 - Corrective Action Decision Document (CADD) - Describes the results of the characterization, multiple corrective action alternatives, and the recommended corrective action alternative and the rationale for its selection
 - Corrective Action Plan (CAP) - Plan for implementing the selected corrective action
 - Closure Field Work - Act of implementing the chosen corrective action in the field
 - Closure Report (CR) - Provides an overview and results of the corrective actions implemented, closure verification information, and use restriction and monitoring requirements (when applicable)
 - Streamlined Approach for Environmental Restoration (SAFER) - Process combines three corrective action documents (CAIP, CADD, and CAP); however there must be extensive process knowledge and/or existing sampling data
 - All documents must be approved by NDEP
 - Note: Corrective Action Decision Document/Closure Report (CADD/CR) can be used when only “minor” corrective actions are needed as agreed to by NDEP
- **Soils FY 2014 Wrap Up**
 - Area 9 Yucca Flat Atmospheric Test Sites (CAU 570)
 - Planned: Submit CADD/CR to NDEP – December 2013
 - Status: Submitted CADD/CR to NDEP in November 2013 and NDEP approved
 - Area 11 Plutonium Valley Dispersion Sites (CAU 366)
 - Planned: Submit CR to NDEP – December 2013
 - Status: Submitted CR to NDEP in December 2013 and NDEP approved
 - Smoky Contamination Area (CAU 550)
 - Planned: Submit CADD to NDEP – March 2014
 - Status: Submittal of CADD has been extended to FY 2015

- Small Boy (CAU 541)
 - Planned: Submit CAIP to NDEP – July 2014
 - Status: Submittal of CAIP to NDEP planned in September 2014
- Area 9 Yucca Flat Plutonium Dispersion Sites (CAU 571)
 - Planned: Complete field activities – April 2014
 - Status: Field work completed January 2014; Submitted CADD/CR to NDEP in August 2014 and awaiting NDEP approval
- Miscellaneous Soil Sites (CAU 567)
 - Planned: Complete field activities – March 2014
 - Status: Field activities completed in July 2014
- Area 3 Plutonium Dispersion Sites (CAU 568)
 - Planned: Submit CAIP to NDEP – March 2014
 - Status: Submitted CAIP to NDEP in January 2014 and NDEP approved
- **Soils FY 2014 Wrap Up Additional Activities**
 - Project 57 No. 1 Plutonium Dispersion (Nevada Test and Training Range (CAU 415)
 - Submitted SAFER Plan to NDEP in April 2014 and NDEP approved
- **FY 2014 NSSAB Work Plan Item**
 - *Provide a recommendation on which corrective action alternative (closure in place or clean closure) should be selected by the DOE for CAU 550 – Smoky Contamination Area*
 - Status
 - NSSAB Recommendation – November 2013
 - DOE Response – February 2014
 - Continuing to work with NDEP concerning the Corrective Action Alternatives for the Lead Bricks located at the Smoky Ground Zero
 - *Provide a recommendation that answers the following two questions: are there any improvements or enhancements to be made to the report that analyzes the decay rates at closed soils sites? What should DOE's actions be when the radionuclides in the use-restricted areas have decayed?*
 - Status
 - NSSAB Recommendation – February 2014
 - DOE Response – March 2014
- **FY 2015 Planned Activities**
 - Double Tracks Plutonium Dispersion (Nellis) (CAU 411)
 - Planned: Submit SAFER Plan to NDEP – March 2015
 - Clean Slate I Plutonium Dispersion (TTR) (CAU 412)
 - Planned: Submit SAFER Plan to NDEP – March 2015
 - Small Boy (CAU 541)
 - Planned: Complete field activities – August 2015
 - Area 3 Plutonium Dispersion Sites (CAU 568)
 - Planned: Submit CADD to NDEP – August 2015
 - Miscellaneous Soil Sites (CAU 567)
 - Planned: Submit CADD/CR to NDEP – December 2014
- **Proposed FY 2015 NSSAB Work Plan Items**
 - Corrective Action Alternatives for CAU 568, Area 3 Plutonium Dispersion Sites
 - Revision to the Risk-based Corrective Action Evaluation Process document
 - Soils Quality Assurance Plan

In response to Board questions, the following clarifications were provided:

- There is a resource management plan and Site-Wide Environmental Impact Statement in place at the NNSS. DOE does not anticipate that the majority of the sites on the NNSS will be used or designated to be used for industrial activities.
- There are some areas that roads were built through contaminated areas as maintenance access roads. Clean fill was brought in and the road built on top with fences erected on both sides of the road.

Underground Test Area (UGTA) FY 2014 Wrap Up and FY 2015 Planned Activities (Bill Wilborn, DOE)

- **UGTA FY 2014 Wrap Up**
 - Frenchman Flat
 - Planned: Prepare and complete model evaluation report by July 2014
 - Status: Completed July 2014 and currently under review by NDEP
 - Planned: Complete sampling of three wells: RNM-2s, RNM-1, and UE-5n by September 2014
 - Status: Completed June 2014
 - Pahute Mesa
 - Planned: Complete sampling of wells ER-EC-14 and ER-EC-15 by June 2014
 - Status: Completed May 2014
 - Planned: Complete well PM-3 data evaluation report by February 2014
 - Status: Completed August 2014
 - Planned: Complete testing of well pumping technologies at wells ER-20-8 and ER-EC-11 by September 2014 (includes a Jack Pump and Blatypus system)
 - Status: Will complete at end of September 2014; Blatypus system was not ready for testing
 - Yucca Flat
 - Planned: Complete Corrective Action Decision Document by September 2014
 - Status: Draft document delayed pending technical resolution of External Peer Review (expected late 2015/early 2016)
 - Planned: Complete External Peer Review by September 2014
 - Status: Delayed pending technical resolution of External Peer Review
 - Rainier Mesa
 - Planned: Complete flow and transport model for NDEP review by July 2014
 - Status: Not completed - currently under internal Pre-emptive Review as additional analysis is expected from recommendations. Conceptual and Hydrostratigraphic Framework Models have been revised and are under review.
- **UGTA FY 2014 Wrap Up Additional Activities**
 - Continued development of Sampling Plan
 - Sampling Technologies "Draft" Testing Report completed in August 2014
 - Additional sampling conducted:
 - Yucca Flat (four wells)
 - Frenchman Flat (one well)
 - Pahute Mesa (well PM-3)
 - Two additional zones at well ER-EC-11

- Two additional zones at well ER-20-8
 - One additional zone at well ER-20-8 #2
- **FY 2014 NSSAB Work Plan Item**
 - *Provide a recommendation on what types of representation should be on the external peer review panel and how the questions could be enhanced*
 - Status
 - NSSAB Recommendation – November 2013
 - DOE Response – February 2014
 - DOE Follow-Up – March 2014
- **FY 2015 Planned Activities**
 - Complete Frenchman Flat Closure Report and submit for NDEP review by September 2015
 - Determine data collection activity for well PM-3 by March 2015
 - Complete Yucca Flat External Peer Review
 - Re-plan Corrective Action Decision Document/Corrective Action Plan after technical resolution of External Peer Review
 - Complete Rainier Mesa Flow and Transport Model Report for NDEP review by July 2015
 - Begin Rainier Mesa External Peer Review participant selection by September 2015
 - Complete first annual Sampling Report for all CAUs by September 2015
 - Complete “Final” Sampling Techniques Testing Report by December 2014
- **Proposed FY 2015 NSSAB Work Plan Items**
 - Assessment of the UGTA Quality Assurance Plan Implementation

In response to Board questions, the following clarifications were provided:

- Additional zones are within a single well. The well opening is large enough to hold several different tube systems in order to pull samples from multiple levels within the drilled well.
- In some cases, DOE can assume that the geology at a certain level is similar; however, in other areas data transferability is limited.

Waste Management FY 2014 Wrap Up and FY 2015 Planned Activities (*Jhon Carilli, DOE*)

- **Waste Management FY 2014 Wrap Up**
 - Planned: Safely dispose approximately 1.3 million ft³ of forecasted LLW and mixed low-level waste (MLLW)
 - Status: As of June 30, 2014 – the Nevada National Security Site (NNSS) safely disposed of over 781,000 ft³ LLW/MLLW
 - Planned: Open and/or operationally close disposal cells as necessary
 - Status: No new cells opened or operationally closed in FY 2014
 - Planned: Submit Annual Performance Assessment Summary to Low-Level Waste Federal Review Group (LFRG) by March 2014
 - Status: Submitted in March 2014 and final reviews pending
 - Planned: Submit annual NNSS Groundwater Monitoring Program Area 5 Radioactive Waste Management Site Data Report to NDEP by February 2014
 - Status: Submitted in February 2014 and NDEP had no comments/concerns
 - Planned: Investigate options to re-vegetate the 92-acre portion of Area 5 Radioactive Waste Management Site due to drought
 - Status: Ongoing
 - Following the plan provided to NDEP in July 2013

- First test plot on northeast cover occurred in the fall 2013
 - Due to low yield, another test plot is planned south of the first test area in the fall 2014
- **FY 2014 NSSAB Work Plan Item**
 - *Review the existing RWAP Facility Evaluation process and provide a recommendation for ways the process could be improved*
 - Status
 - NSSAB Recommendation Expected September 2014
 - *Provide a recommendation on how the DOE could improve/enhance communication to communities near the NNSS regarding waste transportation and disposal*
 - Status
 - NSSAB Recommendation – July 2014
 - DOE Response – August 2014
- **FY 2015 Planned Activities**
 - Safely dispose over 1.2 million ft³ of forecasted LLW/MLLW at the NNSS
 - Submit Annual Performance Assessment Summary Report to the LFRG by April 2015
 - Submit annual NNSS Groundwater Monitoring Program Area 5 Radioactive Waste Management Site Data Report to NDEP by March 2015
- **Proposed FY 2015 NSSAB Work Plan Items**
 - Potential New RCRA Part B Permitted Mixed Waste Disposal Unit

EM Work Plan Status FY 2014 Wrap Up and FY 2015 Planned Activities (Scott Wade, DOE)

- **FY 2014 NSSAB Work Plan Item**
 - *Provide a recommendation to the DOE on ways the Open House could be enhanced in the future (i.e., format, advertising, and subject matter)*
 - Status
 - NSSAB Recommendation – February 2014
 - DOE Response – April 2014
 - *Provide a recommendation to the DOE on ways the NNSS Communication Plan for Groundwater Sampling Results could be enhanced*
 - Status
 - NSSAB Recommendation – May 2014
 - DOE Response – July 2014
 - *Provide a recommendation to the DOE regarding FY 2015-16 membership*
 - Status
 - NSSAB Recommendation – May 2014
 - DOE Response – June 2014
 - *Review FY 2016 baseline funding needs and provide a recommendation to the DOE prioritizing the work by activity*
 - Status
 - NSSAB Recommendation – March 2014
 - DOE Response – March 2014
 - Budget Guidance Issued by EM Headquarters (HQ) – April 2014
 - Integrated Priority List Submitted to EM HQ – April 2014
 - Nevada Field Office Presented Budget Briefing to EM HQ – May 2014

- *Review FY 2016 baseline funding needs and provide a recommendation to the DOE prioritizing the work by activity (continued from previous page)*
 - Status
 - Final DOE Budget to Office of Management and Budget (OMB) – September 2014
 - OMB Budget Decision Issued – TBD
 - OMB Passback – Nov/Dec 2014 (tentative)
 - President’s Budget to Congress – January 2015 (tentative)

FY 2015 Work Plan Development

Kelly Snyder, DDFO, addressed the following items in response to the FY 2014 NSSAB Member and Liaison evaluations:

- Elected officials are eligible to participate on the Board as a voting member once they have gone through the application process and appointed by EM Headquarters or as a non-voting liaison representing the interests of their organization.
- DOE is not able to provide transportation for members of the public to NSSAB meetings due to the liability and budget constraints. N-I has been researching the possibility of webinars and streaming meetings online and posting meetings on YouTube.
- Rural meetings will be planned around pertinent work plan items. The NSSAB decides the towns/cities and dates for its meetings.
- The FY 2015 proposed work plan items have been structured to include a variety of knowledge levels in order to interest new as well as current members and ensure that members feel valued in the recommendations provided to DOE.
- If a proposed work plan item requires multiple discussions, meetings have been planned to provide additional briefings and information in order to make an informed recommendation.

The Nevada Field Office presented nine work plan items related to planned FY 2015 EM activities for the NSSAB’s consideration. Work plan item 10 was proposed by the Board.

After reviewing the tasks, members voted on each task separately and all ten tasks received a majority vote:

DOE FY 2015 proposed NSSAB Work Plan tasks:

1. From a community perspective, provide recommendations on how the briefings for the Waste Management Symposia could be enhanced.
2. From a community perspective, provide a recommendation on which Corrective Action Alternative for CAU 568, Area 3 Plutonium Dispersion Sites should be presented to the State of Nevada for final approval.
3. From a community perspective, provide recommendations on ways the revision to the Risk-Based Corrective Action Evaluation Process document could be improved or enhanced.
4. From a community perspective, provide recommendations on ways the Soils Quality Assurance Plan could be improved or enhanced.
5. From a community perspective, provide a recommendation on how the annual Nevada National Security Site Environmental Report (NNSER) could be enhanced (i.e.,

readability, presentation of information, likes and dislikes between NNSER and other DOE sites annual Site Environmental Reports).

6. From a community perspective, provide a recommendation or preferences regarding LLW transportation routing.
7. From a community perspective, review the FY 2017 baseline funding needs and provide a recommendation prioritizing the work by activity.
8. From a community perspective, provide a recommendation on possible improvements to the UGTA assessment process and/or the UGTA Quality Assurance Plan.
9. From a community perspective, provide a recommendation on a path forward for mixed waste disposal at the NNS.
10. From a community perspective, provide recommendation(s) on way that DOE can improve/enhance communication to the public (i.e. presentations, open houses, documents, fact sheets).

Member Moore moved to approve the draft Work Plan Recommendation letter to DOE with the work plan tasks. The motion was seconded and passed unanimously.

FY 2015 Chair/Vice-Chair Election

The nominee for the Chair position was Donna Hruska, and for the Vice-Chair position was Janice Keiserman. Although both nominees were running unopposed, in following standard operating procedures, ballots were collected. Donna Hruska was elected Chair and Janice Keiserman will serve as Vice-Chair for FY 2015.

FY 2015 Meetings *(Barb Ulmer)*

- **Approval of Proposed Schedule**

A proposed schedule was provided based on the timing of briefings and due dates of recommendations included in the FY 2015 Work Plan. The Full Board meeting schedule for FY 2015 was decided by the NSSAB, as follows:

- Wednesday, November 19, 2014, Las Vegas, NV
- Wednesday, January 21, 2015, Las Vegas, NV
- Wednesday, February 18, 2015, Beatty, NV, with the Groundwater Open House to be held prior to the meeting
- Wednesday, March 25, 2015, Las Vegas, NV
- Wednesday, May 20, 2015, Las Vegas, NV
- Wednesday, July 15, 2015, Pahrump, NV
- Wednesday, September 16, 2015, Las Vegas, NV

- **Community Environmental Monitoring Program (CEMP) Workshop**

The NSSAB was invited to a CEMP Workshop on September 21, 2014. It is an opportunity to receive great general radiation training from experts in the industry. Interested members and liaisons were asked to contact the NSSAB Office.

- **NSSAB Member Orientation**

The NSSAB Orientation is open to all members and liaisons, and is scheduled from 1-6

p.m., October 8, 2014, at the National Atomic Testing Museum (Frank Rogers Auditorium), 755 East Flamingo Road, Las Vegas, Nevada. Orientation will be followed by a no-host dinner at the Bahama Breeze on the corner of Flamingo and Paradise.

- **NNSS Tour**

A NNSS Tour is open to all members and liaisons, and is scheduled for a full day on October 29, 2014. More details are forthcoming. The tour will include sites in the FY 2015 Work Plan to enrich the Board's knowledge base and assist with recommendations.

- **Next Full Board Meeting**

The next Full Board meeting is scheduled for 5 p.m., Wednesday, November 19, 2014 at the National Atomic Testing Museum, 775 East Flamingo Road, Las Vegas, Nevada. An educational session on the NNSS Environmental Report will begin at 4 p.m.

The meeting ended with an assessment. Board members encouraged that critical thinking remain a priority for both DOE and the NSSAB. Chair Bienenstein, Member Fisher, and Liaison Nelson were thanked again for their service by the Board and DOE.

Member Moore moved the meeting be adjourned. The motion was seconded and passed unanimously.

Meeting adjourned at 8:20 p.m.