



Nevada Site Specific Advisory Board (NSSAB)

Full Board Meeting

**National Atomic Testing Museum (Frank Rogers Auditorium)
755 East Flamingo Road, Las Vegas, NV
4:00 p.m. – September 18, 2013**

Members Present: Kathleen Bienenstein (Chair), Matthew Clapp, Thomas Fisher, Arthur Goldsmith, Donna Hruska (Vice-Chair), Cheryl Kastelic, Janice Keiserman, Barry LiMarzi, Michael Moore, Edward Rosemark, William Sears, Jack Sypolt

Members Absent: Jason Abel

Liaisons Present: Richard Arnold (Consolidated Group of Tribes and Organizations [CGTO]), Frank Carbone (Nye County Commission), Mike Cipra (National Park Service [NPS]), John Klenke (Nye County Nuclear Waste Repository Project Office [NWRPO]), Phil Klevorick (Clark County), Tim Murphy (State of Nevada Division of Environmental Protection [NDEP]), Kevin Phillips (Lincoln County Commission)

Liaisons Absent: Ralph Keyes (Esmeralda County Commission), Mike Lemich (White Pine County Commission), Charlie Myers (Elko County Commission)

Department of Energy (DOE): Robert Boehlecke, Tiffany Lantow, Scott Wade, Bill Wilborn

Facilitator: Barb Ulmer (Navarro-Intera)

Others Present: Chris Andres (NDEP), Jim Haber (Las Vegas, NV), Rampur Viswanath (Las Vegas, NV), Holly Woodward (Las Vegas, NV)

Open Meeting/Announcements/Chair's Opening Remarks

Following announcements and opening remarks, Member Art Goldsmith moved to approve the agenda as presented. The motion was seconded and passed unanimously.

Public Comment

Facilitator Barb Ulmer reviewed the Public Comment procedures.

Jim Haber, the coordinator of Nevada Desert Experience, stated that based on conversations at the last meeting it was not clear to him to what extent the local liaisons co-host the Community Environmental Monitoring Program (CEMP) events, and he felt that it would be beneficial if the

liaisons were more involved in the future. Mr. Haber noted that the waste classification system makes no sense if Consolidated Edison Uranium Solidification Project (CEUSP) material is considered low-level waste, along with other waste that is called low-level waste; there must be something wrong with the system. The NSSAB is designed to raise and be concerned with these types of issues for the sake of the local communities, and Mr. Haber encouraged the NSSAB to raise these types of questions. He also stated that the Board should look at hardened on-site storage options to reduce the amount of material that is transported to the Nevada National Security Site (NNSS) and to also address the security and safety of waste before it is transported, which needs to be improved. Mr. Haber suggested that ten minutes before and ten minutes after for public comment be available, which he felt would allow and encourage more public comment. Mr. Haber concluded by stating that he felt that response to Public Comment should be permitted if the Board wishes to respond, but he understood that it is not to be expected.

U.S. DOE Update (*Scott Wade, Assistant Manager for Environmental Management*)

Scott Wade stated that the Fiscal Year (FY) 2014 budget is dependent upon final decisions of Congress, but it is expected that the Environmental Management (EM) Program budget will be approximately \$61 million for the NNSS. The Board will be updated with final FY 2014 budget numbers at subsequent meetings. As in previous fiscal years, it is expected that a portion of FY 2014 will be funded under a continuing resolution.

Mr. Wade explained that DOE's waste management processes are captured under DOE Order 435.1 Radioactive Waste Management, which describes the requirements for the management of DOE high-level waste, transuranic waste, low-level waste, and the radioactive component of mixed waste. The Department is looking to update the Order as well as its implementation. With the current schedule, Mr. Wade believes there will be webinars for public participation released in the Fall 2013 that will address DOE waste management processes; however, it is unclear if the Department will delve into waste classification. As dates are finalized, the NSSAB will be notified. Public comments that are received will be utilized to shape the Department's next actions with Order 435.1.

Mr. Wade addressed the initiative between DOE and the State of Nevada on the next steps for CEUSP material. There is a high-level working group that is meeting and engaging in a dialogue to examine elements of both the disposition and transportation of the CEUSP material. Mr. Wade noted that he is not a member of the working group. He stated that when more information is made available, the Board will be kept apprised.

Chair Kathleen Bienenstein and Mr. Wade acknowledged Member Matthew Clapp and Member Barry LiMarzi for their commitment and service to the NSSAB from 2011-2013, and presented them with a certificate of appreciation and a plaque.

Other NSSAB Business (*Chair Kathleen Bienenstein and Vice-Chair Donna Hruska*)

Chair Bienenstein noted that included in the meeting packet was a DOE response letter, dated September 12, 2013, to the NSSAB's Recommendation Regarding the Community Environmental Monitoring Program (Work Plan Item #6).

A draft recommendation letter in response to the Waste Acceptance Review Panel (Work Plan Item #7) was reviewed and discussed by the Board. Member Michael Moore moved to accept the draft recommendation letter as written. The motion was seconded and passed unanimously.

Donna Hruska, Membership Committee Chair, reported that one application for the student liaison position was received by the NSSAB Office before the application deadline from the sixty letters sent in July 2013 to principals of public and private high schools in the Las Vegas valley. The Membership Committee will review the application and develop a path forward at its September 19, 2013, meeting.

Vice-Chair Hruska updated the NSSAB on the EM Site Specific Advisory Board (SSAB) Chairs' conference call that was held on August 27, 2013. During the budget update, it was reported that the FY 2014 budget will probably begin the year under a continuing resolution rather than a definitive budget, and the budgeting process for FY 2015 has been delayed until more clarification is received in regard to the FY 2014 budget. It was noted that on the day of the conference call, Dave Huizenga, the Assistant Secretary for EM, Frank Marcinowski, the Deputy Assistant Secretary for Waste Management, and Nevada state officials were touring the NNSS in order to continue the dialogue regarding issues concerning the transportation and disposal of CEUSP material. It was reported that actual waste received in FY 2013 at the NNSS is projected at approximately 1 million cubic feet (ft³), which is below the forecasts.

Chair Bienenstein noted that both she and Member Cheryl Kastelic will be attending the National EM SSAB Chairs' Meeting, hosted by the Portsmouth SSAB, on October 15 - 17, 2013. The draft question that Chair Bienenstein will pose to Dave Huizenga was included in the member packet. After Board discussion, the draft question will be refined to include Member input. The round robin topic highlighted an NSSAB accomplishment was also included in the member packet for Board review. After Board discussion, there were no additional comments on the round robin topic.

Liaison Updates

Clark County (*Phil Klevorick*)

Liaison Phil Klevorick thanked the Board for its interest and involvement in discussions on CEUSP material. Liaison Klevorick encouraged the NSSAB to form a committee regarding DOE Order 435.1, and also asked that DOE find out exactly how much public involvement is being requested for the update. He requested an update on the Transportation Working Group (TWG), whether the Nevada Office intends on hosting future meetings. Liaison Klevorick thanked DOE for hosting the Intergovernmental Meetings with liaisons as valuable information is provided and questions answered.

Consolidated Group of Tribes and Organizations (*Richard Arnold*)

Liaison Richard Arnold reported that the next State Tribal Intergovernmental Working Group meeting is scheduled for October 2013 in New Orleans, Louisiana. The CGTO participates in these meetings to provide cultural insight and perspectives relating to the NNSS. Liaison Arnold affirmed that CGTO is interested in the CEUSP material and has been evaluating information about U233/235 shipments to the NNSS from information shared by DOE with tribal representatives. CGTO is exploring future meeting dates with the Nevada Office in order for tribes to receive updates, conduct site tours to selected areas, and discuss current and future EM activities. CGTO is working with DOE Headquarters (HQ) as part of the National Transportation Stakeholders Forum to examine new proposed fact sheets, proposed webinars, and topics for its annual meeting scheduled for May 2014. Liaison Arnold echoed Liaison Klevorick's interest in TWG as a good venue for sharing and receiving information with the tribes. He concluded by stating that the Corrective Action Unit 550, Smoky Contamination Area has been identified for

National Historic Preservation Act eligibility, and CGTO hopes to preserve the culturally significant site through closure in place.

Lincoln County Commission (*Kevin Phillips*)

Liaison Kevin Phillips had nothing to report.

Nye County Commission (*Frank Carbone*)

Liaison Frank Carbone stated that Nye County appreciates that CEUSP material is being discussed as Nye County has a large vested interest in its path forward.

Nye County Nuclear Waste Repository Project Office (*John Klenke*)

Liaison John Klenke praised the NSSAB for trying new formats and including additional liaisons with different perspectives on EM issues. Liaison Klenke concurred that the Intergovernmental Meetings with liaisons have been beneficial.

State of Nevada Division of Environmental Protection (*Tim Murphy*)

Liaison Tim Murphy reported that he will relay any information or insights regarding U233 with the NSSAB that he receives from high-level meetings with the State of Nevada.

U.S. National Park Service (*Mike Cipra*)

Liaison Mike Cipra reported that their main concern is any impacts from past, present, and future NNSS activities to groundwater quality and quantity as it relates to NPS water resources. The NPS is awaiting the Record of Decision (ROD) for the Site-Wide Environmental Impact Statement (SWEIS) for the NNSS.

Liaison Discussion Wrap-Up (*Scott Wade, DOE*)

Mr. Wade restated that the public participation process for DOE Order 435.1 will probably be via webinars. There has not been any discussion about formal meetings regarding DOE Order 435.1, but the Board will be notified when additional information is available.

In regard to the possible transportation of CEUSP material, there have been concerns with the condition of State Route 160, especially north of Pahrump. Mr. Wade and Rob Boehlecke, Environmental Management Operations Manager, drove the stretch of road in question, and the Department will continue to dialogue with Nye County about its concerns.

The issuance of the ROD for the SWEIS, which is currently undergoing HQ review, is expected by the end of Calendar Year (CY) 2013.

The Greater-Than-Class-C EIS is expected to be submitted in final by the end of CY 2013 and will be accompanied by a report to Congress.

The Groundwater Open House has been scheduled for December 10, 2013, in Beatty, Nevada.

Mr. Wade concurred that the Department would also like to see the TWG restated once information is received on the current interactions between Nevada Governor's and DOE Secretary's Offices. The TWG may not be reestablished until after the beginning of CY 2014. In the future, the Department would like to see the TWG lead by the communities and its liaisons and shaped by its interests and not the Department's needs.

Industrial Sites FY 2013 Wrap Up and FY 2014 Planned Activities (Tiffany Lantow, DOE)

- **Industrial Sites FY 2013 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 2013
 - Planned: Submit 2012 RCRA, Non-RCRA, and TTR monitoring reports to NDEP
 - Status: All post-closure reports were submitted to NDEP on schedule in FY 2013
- **Industrial Sites FY 2013 Wrap Up Additional Activities**
 - Waste generated in FY 2012 during interim cleanup activities at Corrective Action Unit (CAU) 114, Area 25 Engine Maintenance, Assembly and Disassembly (EMAD) Facility, was disposed in FY 2013
 - Surveillance and maintenance activities were performed at EMAD in FY 2013, as required
 - Developed use restriction (UR) removal documentation for 16 Corrective Action Sites
- **FY 2013 NSSAB Work Plan Item**
 - Provide recommendation for removal or retention of URs at seven specific Industrial Sites
 - Status: NSSAB Recommendation (January 2013), DOE Response (February 2013)
 - Determination was made that UR removal was cost prohibitive, as it required more than the paperwork option recommended
- **Industrial Sites FY 2014 Planned Activities**
 - Continue to conduct RCRA, Non-RCRA, and TTR post-closure inspections
 - Submit 2013 RCRA, Non-RCRA, and TTR monitoring reports to NDEP

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

- When items are removed from Industrial Sites to achieve clean closure, the debris is processed and stored in the required container and disposed at the NNSS, and in certain cases the material may be recycled, if possible.
- RCRA-regulated waste is disposed in a lined landfill.
- The URs that were unable to be removed may be revisited in the future.
- The long-term monitoring that is conducted is dependent on the material within the UR.

Soils FY 2013 Wrap Up and FY 2014 Planned Activities (Tiffany Lantow, 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)
- All documents must be approved by NDEP
- Note: CADD/CR used when only “minor” corrective actions are needed as agreed to by NDEP
- **Soils FY 2013 Wrap Up**
 - Area 7 Yucca Flat Atmospheric Test Sites (CAU 104)
 - Planned: Submit CADD/CAP to NDEP – October 2012 (internal target)
 - Status: Submitted CADD/CAP to NDEP in November 2012 and NDEP approved
 - Planned: Submit CR to NDEP - July 2013
 - Status: Submitted CR to NDEP in June 2013 and NDEP approved
 - Hydronuclear Sites (CAU 465)
 - Planned: Submit CR to NDEP – December 2012
 - Status: Submitted CR to NDEP in November 2012 and NDEP approved
 - Area 9 Yucca Flat Plutonium Dispersion Sites (CAU 571)
 - Planned: Submit CAIP to NDEP – August 2013
 - Status: Submitted CAIP to NDEP in July 2013 and NDEP approved
 - Area 11 Plutonium Valley Dispersion Sites (CAU 366)
 - Planned: Submit CAP to NDEP – May 2013
 - Status: Submitted to NDEP in April 2013 and NDEP approved
 - Planned: Complete closure field work – September 2013
 - Status: Closure field work completed in May 2013
 - Miscellaneous Soils Sites (CAU 567)
 - Planned: Submit CAIP to NDEP – September 2013
 - Status: Submitted CAIP to NDEP in July 2013 and NDEP approved
 - Area 3 Yucca Flat Atmospheric Test Sites (CAU 569)
 - Planned: Submit CADD to NDEP – May 2013
 - Status: Submitted CADD/CR to NDEP in April 2013 and NDEP approved
- **FY 2013 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 105 – Area 2 Yucca Flat Atmospheric Test Sites
 - Status: NSSAB Recommendation (May 2013), DOE Response (June 2013)
 - NSSAB-recommended corrective actions were implemented
 - Final CADD/CR submitted to NDEP in September 2013
- **Soils FY 2014 Planned Activities**
 - Area 9 Yucca Flat Atmospheric Test Sites (CAU 570)
 - Planned: Submit CADD/CR to NDEP – December 2013
 - Area 11 Plutonium Valley Dispersion Sites (CAU 366)
 - Planned: Submit CR to NDEP – December 2013
 - Area 3 Plutonium Dispersion Sites (CAU 568)
 - Planned: Submit CAIP to NDEP – March 2014
 - Smoky Contamination Area (CAU 550)
 - Planned: Submit CADD to NDEP – March 2014
 - Small Boy (CAU 541)

- Planned: Submit CAIP to NDEP – July 2014
 - Area 9 Yucca Flat Plutonium Dispersion Sites (CAU 571)
 - Planned: Complete field activities – April 2014
 - Miscellaneous Soil Sites (CAU 567)
 - Planned: Complete field activities – March 2014
- **Proposed FY 2014 NSSAB Work Plan Items**
 - Corrective Action Alternatives for CAU 550, Smoky Contamination Area
 - Radionuclide Decay at Use-Restricted Soil Sites

Underground Test Area (UGTA) FY 2013 Wrap Up and FY 2014 Planned Activities
(Bill Wilborn, DOE)

- **UGTA FY 2013 Wrap Up**
 - Rainier Mesa
 - Planned: Technical Basis and Agreement Document – October-December 2012
 - Status: Completed December 2012
 - Planned: Flow and Transport Model Document – October 2012-September 2013
 - Status: Draft completed July 2013; additional technical backup and justification needed to make document more complete; completion of final document – July 2014
 - Other
 - Planned: Develop UGTA Sampling Plan – October 2012-July 2013
 - Status: Completed July 2013; one revision expected based on internal comments and additional program needs
 - Pahute Mesa
 - Planned: Complete Phase II Drilling – November 2012
 - Status: Completed November 2012
 - Planned: Continue Data Analysis – Ongoing
 - Status: Continuing data analysis and evaluation until June 2015
 - Frenchman Flat
 - Planned: Model Evaluation Data Collection and Analysis – November 2012-September 2013
 - Status: On schedule to be complete by September 2013; Model Evaluation report complete by September 2014
 - Yucca Flat
 - Planned: Flow and Transport Model Document – October 2012-March 2013
 - Status: Completed in March 2013; External Peer Review planned to begin in September 2014
- **UGTA FY 2013 Wrap Up Additional Activities**
 - Complete purging and sampling of well PM-3 by September 2013
- **FY 2013 NSSAB Work Plan Item**
 - Review the draft questions developed for the Rainier Mesa/Shoshone Mountain Peer Review panel and provide recommendations on how they could be enhanced
 - Status: NSSAB Recommendation (Carried Over to FY 2014)
 - Review the Nye County Drilling Proposal and determine from a community perspective if this is something the Board recommends the DOE support

- Status: NSSAB Recommendation (January 2013), DOE response (January 2013)
 - Working with EM HQ on an official DOE response to Nye County's proposal
 - Review the key parameters of the NNSS Integrated Groundwater Sampling Plan and determine if the NSSAB supports the parameters. Additionally and from a community perspective, provide recommendations for how the proposed concept of an integrated groundwater sampling plan could be enhanced.
 - Status: NSSAB Recommendation (May 2013), DOE response (June 2013)
 - NNSS Integrated Groundwater Sampling Plan has been drafted and requires additional revisions and comments are being addressed prior to finalization
- **FY 2014 Planned Activities**
 - Frenchman Flat
 - Prepare and complete model evaluation report by July 2014
 - Complete sampling of three wells: RNM-2s, RNM-1, and UE-5n by September 2014
 - Pahute Mesa
 - Complete well sampling of wells ER-EC-14 and ER-EC-15 by June 2014
 - Complete well PM-3 data evaluation report by February 2014
 - 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
 - Yucca Flat
 - Complete CADD by September 2014
 - Complete External Peer Review by September 2014
 - Rainier Mesa
 - Complete flow and transport model for NDEP review by July 2014
- **Proposed FY 2014 NSSAB Work Plan Items**
 - NNSS Communication Plan for Groundwater Sampling Results
 - Review Questions for Rainier Mesa/Shoshone Mountain Peer Review Panel – Carry Over Work Plan Item from FY 2013
 - External Peer Review for Yucca Flat
 - Groundwater Open House

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

- There is DOE guidance for the peer review process. This guidance is a model for all DOE peer reviews; so it does not cover all elements of an UGTA external peer review process.
- New locations for data collection are selected based on previously collected data, test locations, the predominant flow patterns, etc., and ranking locations by utilizing a Value of Information Analysis, based on available resources.
- Based on a press release received by the NSSAB, the Advanced Simulation Capability for Environmental Management (ASCEM) is an endeavor by DOE HQ to consolidate modeling efforts complex-wide. The Nevada Office has an ASCEM effort at Pahute Mesa. ASCEM is still in the development stage as DOE HQ is working on the software phase and determining the feasibility of implementation of ASCEM complex-wide. The Nevada Office supports ASCEM, but it does not encompass in all monitoring efforts.

Waste Management FY 2013 Wrap Up and FY 2014 Planned Activities (Rob Boehlecke, DOE)

- **Waste Management FY 2013 Wrap Up**
 - Planned: Safely dispose approximately 1.2 million ft³ of forecasted Low-Level Waste (LLW) and Mixed Low-Level Waste (MLLW)
 - Status: As of August 31, 2013 – the NNSS safely disposed of approximately 912K ft³ LLW/MLLW
 - Latest projection for FY 2013 is still 1.2 million ft³ LLW/MLLW
 - Planned: Operationally close disposal cells as necessary
 - Status: Completed construction of one disposal cell and operationally closed one disposal cell in FY 2013
 - Planned: Submit Performance Assessment Annual Summary to Low-Level Waste Federal Review Group (LFRG)
 - Status: Submitted in March 2013 and LFRG had no comments/ concerns
 - Planned: Submit Annual Groundwater Monitoring Report to NDEP
 - Status: Submitted in February 2013 and NDEP had no comments/concerns
 - Planned: NNSS Waste Acceptance Criteria
 - Status: Completed Revision 10 in June 2013
 - Planned: Annual Safety Basis Update
 - Status: Pending
 - Planned: Complete 28 Radioactive Waste Acceptance Program Facility Evaluations and MLLW verifications
 - Status: On schedule to complete by end of September 2013
- **FY 2013 NSSAB Work Plan Item**
 - Review the existing Waste Acceptance Review Panel process and provide a recommendation for ways the process could be enhanced
 - Status: NSSAB Recommendation (Expected September 2013)
- **FY 2014 Planned Activities**
 - Safely dispose approximately 1.3 million ft³ of forecasted LLW/MLLW
 - Open or operationally close disposal cells as necessary
 - Submit Performance Assessment Annual Summary to LFRG by March 2014
 - Submit Annual Groundwater Monitoring Report to NDEP by February 2014
 - Investigate options to re-vegetate the 92-acre portion of Area 5 Radioactive Waste Management Site due to drought
- **Proposed FY 2014 NSSAB Work Plan Item**
 - Radioactive Waste Acceptance Program Assessment Improvement Opportunities

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

- Soil will absorb rain water when vegetation is present and water will evaporate more quickly, which assists in keeping moisture above the waste level and allows for more control over moisture saturation.
- In recent NSSAB Monthly Reports, it was reported that two waste generators had inadequate documentation for waste shipped to the NNSS. It was investigated and determined to be paperwork discrepancies in both cases. A Corrective Action Request (CAR) was issued and shipments from these generators were suspended until the CAR was approved by the Nevada Office. In both instances, the waste was compliant and disposed properly.
- Generators must have a certified program before they can ship waste to the NNSS. During the generator approval process, the generator must prove that they meet the NNSS Waste Acceptance Criteria (WAC), which includes trained personnel and a Waste Certification

Official who attests that the waste shipped to the NNSS matches the waste profile. With RCRA-regulated waste, RWAP is required to visually inspect the packaging of the waste or by utilizing real-time-radiography (x-ray). DOE has a zero-tolerance for any generator who does not meet compliance to the NNSS WAC.

- A large percentage of DOE Facility Evaluations (FE) are unannounced; however, there are FE where the generator is given prior notification in order for the necessary paperwork to be available for review prior to the visit.

EM Work Plan Status – FY 2013 Wrap Up and FY 2014 Planned Activities (Scott Wade, DOE)

- **FY 2013 NSSAB Work Plan Items**
 - Provide a recommendation to the Department of Energy regarding potential ways the Community Environmental Monitoring Program could be enhanced to ensure it reflects current missions
 - Status: NSSAB Recommendation (August 2013), DOE Response (September 2013)
 - Review FY 2015 baseline funding needs and provide a recommendation to the Department of Energy prioritizing the work by activity
 - Status: NSSAB Recommendation (January 2013), DOE Response (February 2013)
 - Budget Guidance Issued by EM HQ April 2013
 - Nevada Office Presented Budget Briefing to EM HQ May 2013
 - Integrated Priority List Submitted to EM HQ June 2013
 - Future Activities
 - Final DOE Budget to Office of Management and Budget (OMB) September 2013
 - OMB Budget Decisions Issued TBD
 - OMB Passback ~ November 2013
 - President's Budget to Congress February 2014
- **Proposed FY 2014 NSSAB Work Plan Item**
 - FY 2016 Baseline Prioritization

FY 2014 Work Plan Development

The Nevada Office presented eight work plan items related to planned FY 2014 EM activities for the NSSAB's consideration. Work plan item 9 was proposed by the Board.

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

DOE FY 2014 proposed NSSAB Work Plan tasks:

1. Provide DOE a recommendation, from a community perspective, on which corrective action alternative (closure in place or clean closure) should be selected for CAU 550: Smoky Contamination Area.
2. Provide a recommendation, from a community perspective, on what types of representation should be on the external peer review panel for Yucca Flat and how the questions could be enhanced.

3. Provide recommendations, from a community perspective, regarding radionuclide decay at use-restricted soil sites that answer the following two questions: Are there any improvements or enhancements to be made to the report? What should DOE's actions be when the radionuclides in the use-restricted areas have decayed?
4. Provide recommendations on how the Groundwater Open House could be enhanced in the future (i.e., format, advertising, and subject matter).
5. Review the FY 2016 baseline funding needs and provide a recommendation to DOE prioritizing the work by activity.
6. Provide a recommendation to DOE on ways that the NNS Communication Plan for Groundwater Sampling Results could be enhanced from a community perspective.
7. Review the existing Radioactive Waste Acceptance Program assessment process and provide a recommendation for ways the process could be improved.
8. Provide a recommendation, from a community perspective, on how the questions for the peer review panel for Rainier Mesa/Shoshone Mountain could be enhanced. (Carry Over from FY 2013)
9. Provide a recommendation on ways, from a community perspective, that communication to the community surrounding the NNS regarding waste disposal and storage could be improved/enhanced.

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

FY 2014 Chair/Vice-Chair Election

The nominee for the Chair position was Kathleen Bienenstein, and for the Vice-Chair position was Donna Hruska. Although both nominees were running unopposed, in following standard operating procedures, ballots were collected. Kathleen Bienenstein was elected Chair and Donna Hruska will serve as Vice-Chair for FY 2014.

FY 2014 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 2014 Work Plan. The Full Board meeting schedule for FY 2014 was agreed upon as follows: November 20, February 19, March 19, May 21, July 16, and September 17.

- **NSSAB Member Orientation**

The NSSAB Member Orientation is open to all members and liaisons, and is scheduled from 1-6 p.m., October 2, at the Sahara West Library, 9600 West Sahara, Las Vegas, Nevada. Orientation will be followed by a no-host dinner at Chicago Brewing Company.

- **NNS Tour**

A NNS Tour is open to all members and liaisons, and is scheduled for a full day on November 14. More details are forthcoming. The tour will include sites in the FY 2014 Work Plan in order to customize the tour 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 20, at the National Atomic Testing Museum, 775 East Flamingo Road, Las Vegas, Nevada.

Board members appreciated the informational DOE presentations. The Board provided suggestions for outreach in order to provide information to the community more efficiently.

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

Meeting adjourned at 8:00 p.m.