



Nevada Site Specific Advisory Board (NSSAB)

Full Board Meeting

**Frank H. Rogers Science and Technology Building
755 East Flamingo Rd, Las Vegas, NV
4:00 p.m. – March 15, 2017**

Members Present: Amina Anderson, Frank Bonesteel (Vice-Chair), Michael D'Alessio, Karen Eastman, Pennie Edmond, Charles Fullen, Richard Gardner, Autumn Pietras, Steve Rosenbaum (Chair), Edward Rosemark, William Sears, Richard Stephans, Richard Twiddy

Members Absent: Michael Anderson, Arcadio Bolanos, Raymond Elgin, Donald Neill, Cecilia Flores Snyder, Jack Sypolt, Dina Williamson-Erdag

Liaisons Present: Richard Arnold (Consolidated Group of Tribes and Organizations [CGTO]), Christine Andres (State of Nevada Division of Environmental Protection [NDEP]), John Klenke (Nye County Nuclear Waste Repository Project Office [NWRPO]), Phil Klevorick (Clark County), Jonathan Penman-Brotzman (U.S. National Park Service [NPS])

Liaisons Absent: Delon Winsor (Esmeralda County Commission), Vance Payne (Nye County Emergency Management [NCEM]), Dan Schinhofen (Nye County Commission)

Student Intern: Anthony Graham (University of Nevada, Las Vegas [UNLV])

Department of Energy (DOE): Robert Boehlecke, Jhon Carilli, Catherine Hampton, Tiffany Lantow, John Myers, Kelly Snyder (Deputy Designated Federal Officer [DDFO]), Andrew Weber, Bill Wilborn

Facilitator: Barb Ulmer (Navarro)

Contractors: Irene Farnham, Brian Haight, Dona Merritt, Ken Rehfeldt (Navarro); Chuck Russell (Desert Research Institute [DRI])

Open Meeting/Chair's Opening Remarks

Chair Steve Rosenbaum informed the NSSAB that due to medical issues, Vice-Chair Frank Bonesteel will be leading the meeting this evening and the April 19, 2017 Full Board meeting. Following the Chair's and Vice-Chair's opening remarks, Member Michael D'Alessio moved to approve the agenda as presented. The motion was seconded and passed unanimously.

Public Comment

There was no public comment.

U.S. DOE Update (*Robert Boehlecke, DOE*)

Mr. Robert Boehlecke opened with an update that the Federal budget for fiscal year (FY) 2017 is currently under a continuing resolution. The Environmental Management (EM) Nevada Program is operating under similar funding levels as FY 2016 with no current negative impacts on planned activities. For FY 2018, EM Nevada is awaiting a budget announcement from the new administration.

On February 9, 2017, a tour of the Nevada National Security Site (NNSS) was provided to members of the Low-Level Waste (LLW) Stakeholders Forum. The next meeting of the LLW Stakeholders Forum will be held on May 24, 2017 in Las Vegas, Nevada.

Mr. Boehlecke noted there were a number of Federal staff and contractors that participated in the Waste Management Symposia 2017 in Phoenix, Arizona last week. In one of the plenary sessions, Sue Cange, Acting Assistant Secretary for EM (EM-1), mentioned some of the recent NNSS successes during her presentation. During a Nevada-specific meeting, Federal staff from Nevada and Headquarters (HQ) met with NDEP to share insights and discuss ongoing activities at the NNSS.

Beginning in the May/June 2017 timeframe, field activities will begin at Clean Slate II on the Tonopah Test Range. The NSSAB provided a recommendation on this Soils site in November 2016. Activities will include excavation and packaging of plutonium-contaminated soil to be disposed at the Area 5 Radioactive Waste Management Site at the NNSS.

Mr. Boehlecke reported that public comments received at DOE's public meeting and public comment period regarding the proposed mixed LLW (MLLW) cell were forwarded to NDEP for its consideration. Technical comments on the permit modification application from NDEP were recently received and will be addressed by EM Nevada. A meeting between NDEP and EM Nevada will be held in the upcoming weeks to discuss the permit modification application.

Liaison Updates

Clark County (*Phil Klevorick*)

Liaison Phil Klevorick updated that transuranic (TRU) waste shipments to the Waste Isolation Pilot Plant (WIPP) in Carlsbad, New Mexico, have been delayed for six weeks due to technical issues. WIPP has an agreement with the State of New Mexico to dispose of its TRU waste first. Once shipments resume, a DOE representative from WIPP indicated that for the first five weeks there will be one shipment per week from Idaho National Laboratory and Savannah River Site beginning the first week of April 2017. There are no TRU shipments scheduled to go through Nevada for

several years, although Nevada will be sending four to six inspectors to the Road Show for first responders for training and recertification. Liaison Klevorick attended the Waste Management Symposia 2017 last week. Information was available regarding the 29 countries in attendance at the conference. The featured country was Japan with sessions on the Fukushima accident and updates on its current nuclear program. Liaison Klevorick also reported on an interim storage facility in Holland that provides public tours. In June 2017, Liaison Klevorick will be attending the National Transportation Stakeholders Forum in Pittsburgh, Pennsylvania, and he encouraged participation by the NSSAB to discuss the transportation of nuclear materials across our nation. Lastly, Liaison Klevorick asked about the status of revitalizing a DRI study from 2003 that measured the radiation exposure risk from a truck transporting LLW to the NNSS. Mr. Boehlecke answered that it will be considered during the FY 2018 planning process, and the status will be reported to the NSSAB once a decision has been made on the study.

CGTO (*Richard Arnold*)

Liaison Richard Arnold stated that tribal representatives and key elders from the CGTO met in January and February 2017 regarding revegetation efforts at the 92-Acre Area at the Area 5 Radioactive Waste Manage Site. By advisement of tribal elders, an evaluation and traditional activities were performed, and a work plan for the revegetation effort will soon be submitted to EM Nevada. Liaison Arnold presented at the Waste Management Symposia on tribal and stakeholders perspectives regarding the revegetation at the 92-Acre Area. After the presentation, Liaison Arnold received interest from the Navajo Nation and the international community regarding tribal involvement in the process. The Fort Hall Shoshone-Bannock Tribes in southeast Idaho will be one of the transuranic Road Show locations that Liaison Klevorick reported in his liaison update. There will be an effort to include other tribes to participate in this Road Show and in other locations as well. In February 2017, the CGTO was involved with the Nevada Tribes Legislative Day to discuss topics of importance to the tribes with the State legislature. Liaison Arnold reported that the CGTO consists of 17 tribes that have cultural and historic ties to the NNSS. The CGTO is planning its annual meeting in April 2017 with representatives from the National Nuclear Security Administration, EM Nevada, and the Office of Legacy Management. The CGTO is involved with the Office of Nuclear Energy's Transportation Core Group that engages tribal governments in discussions regarding transportation. Liaison Arnold noted that a productive meeting was held recently with DOE/EM HQs and EM Nevada to ensure that the lines of communication are open. He will also be attending the National Tribal Energy Summit the first part of May 2017 in Washington D.C. During the summit, DOE Secretary Rick Perry is expected to meet with tribal representatives from across the nation. The summit will be followed by a meeting of the State and Tribal Working Group. Lastly, Liaison Arnold will attend the National Transportation Stakeholders Forum and meetings of the Tribal Caucus regarding any tribal concerns resulting from the transportation of DOE waste.

NWRPO (*John Klenke*)

Liaison John Klenke reported that Nye County representatives will be participating in both the Yucca Flat/Climax Mine and Rainier Mesa/Shoshone Mountain Internal Peer Reviews. Liaison Klenke noted that the results of the Nye County Tritium Monitoring Program, funded by a DOE grant, were recently released for 18 wells and two springs sampled downgradient from the NNSS. The sample results were below the detection limit of 288 picocuries per liter which is far below the maximum contamination level for drinking water set by the U.S. Environmental Protection Agency at 20,000 picocuries per liter.

NDEP (*Christine Andres*)

Liaison Christine Andres updated that Greg Lovato has been named the Administrator for NDEP. She reported that she attended the Waste Management Symposia and attended a number of presentations given by the Office of Legacy Management that provided an important perspective as NNSS sites move to closure. Liaison Andres noted that NDEP will address public comments received by DOE during its public meeting and comment period regarding the proposed MLLW cell once a decision is made whether or not to approve the permit modification application. She announced that she is the new Nevada representative for the State and Tribal Government Working Group and will attend the meeting in Washington D.C. in May 2017.

NPS (*Jonathan Penman-Brotzman*)

Liaison Jonathan Penman-Brotzman commented that the NPS is one of our national treasures, and Death Valley National Park (DVNP) has 110,000 acres in Nevada, which makes DVNP the largest national park site in Nevada. The NPS is interested in activities at the NNSS as DVNP is a close neighbor and the groundwater flow in the Death Valley Hydrogeographic Region terminates within the DVNP at Badwater Basin. Also of interest to the NPS, Liaison Penman-Brotzman added that he represents the Mohave Network of Parks in Energy and Minerals Development in which several national park sites have close proximity to LLW transportation corridors right on park boundaries. Due to a catastrophic flood in October 2015, DVNP is preparing two Environmental Assessments (EAs) that address the path forward for DVNP's Scotty's Castle and for the Bonnie Claire Road that provides access from Highway 95 into DVNP, which was totally destroyed by the flood. These EAs have aggressive schedules with a timeline for public comment in May 2017. If there is a finding of no significant impacts, then implementation of the EAs is scheduled for June 2017.

FY 2019 Baseline Prioritization Work Plan Item #8

- **Tonight's Path Forward**
 - Baseline Overview
 - Ranking Process Explanation
 - Task Briefings
 - Soils
 - Groundwater Characterization
 - Low-Level Waste
 - Group Discussion
 - Individual Rankings
 - Prioritization Tallying
 - Final Voting

Baseline Overview, Andrew Weber, Lead Project Controls

- **EM Baseline Definition**
 - Utilized by EM as a tool to support life-cycle planning to execute our mission
 - Identifies the discrete elements and anticipated timelines of all tasks associated with the successful completion of the EM program
 - Includes scope of work, costs estimates, and schedule
- **EM Baseline Components**
 - Scope of Work – the description of all work elements that need to be accomplished
 - Cost Estimates – the estimated cost, number of hours, and type of labor resources, material, equipment, etc.
 - Schedule – timeline and prioritization of work to be completed that identifies predecessor/successor tasks

- All elements identified in the EM baseline are fully integrated
- **EM Baseline Planning Considerations**
 - Execution is dependent on receiving annual funding
 - Scope prioritized to maximize the amount of work that can be accomplished
 - Resource availability and weather conditions may impact when work can be completed (i.e., drill rigs, operators, extreme weather temperatures, frozen subsurface, etc.)
 - Risk Analysis
 - Uncertainties built into baseline
- **EM Baseline Status and Changes**
 - Contractors report monthly performance status to Nevada Field Office (NFO)
 - Baseline changes are made when scope is added, deleted, or modified
 - Change Control Boards (contractor and federal) hold routinely scheduled meetings to discuss and approve/disapprove all proposed changes
- **EM Life-Cycle Baseline for FY 2018 – 2030**

Scope	Planning Estimates (\$K)	Schedule Completion
Soils	\$17,676	FY 2020
Underground Test Area	\$298,304	FY 2030
Industrial Sites	\$77,309	FY 2030
Program Management*	\$91,380	FY 2030
Low-Level Waste	\$416,771	FY 2030
Agreements in Principle and Grants	\$66,775	FY 2030
EM Nevada Grand Total	\$968,215	FY 2030

*Includes activities such as health and safety, quality assurance, and radiation support

- **Federal Budget Process**



Example of DOE budget planning timeline

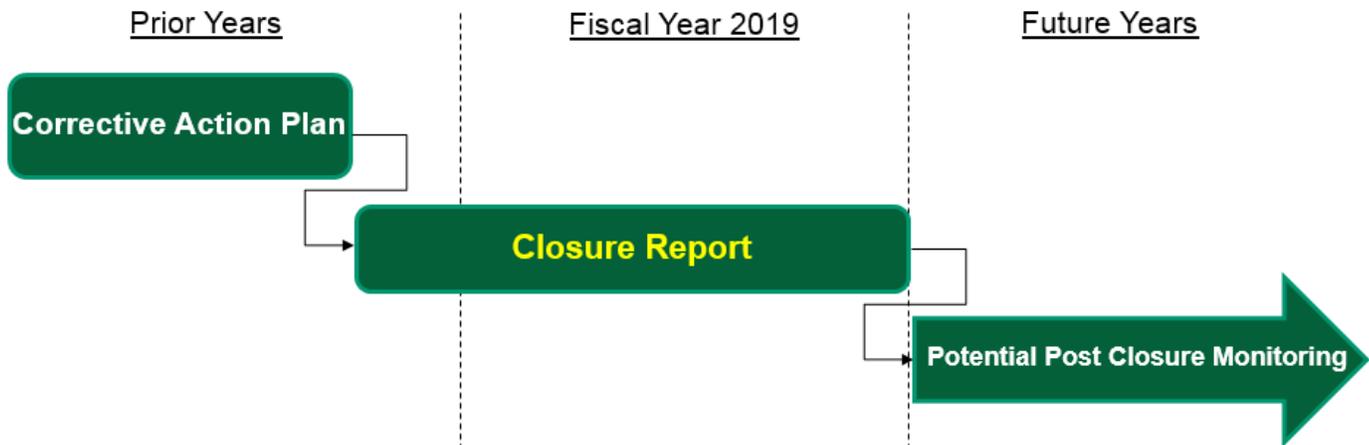
Ranking Process, Kelly Snyder, Deputy Designated Federal Officer

- **The Ranking Process**
 - Presentation of each of the 7 tasks (designated by letters)
 - Each task has been assigned a letter
 - Group discussion with members and liaisons
 - Each member will rank the tasks with 1-7 points using their worksheet
 - 7 points being highest priority and 1 point being lowest priority
 - NSSAB Office will tally the rankings and present the results to the Full Board tonight

- Further discussion, if necessary
- NSSAB will vote on final ranking recommendation

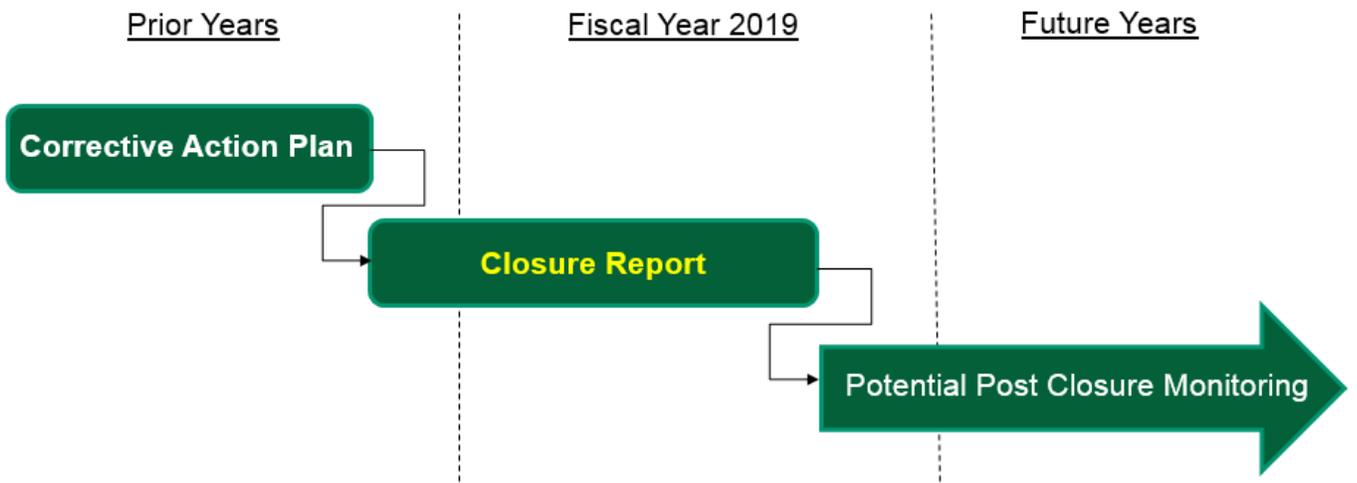
FY 2019 Soils Tasks, Tiffany Lantow, Soils Activity Lead

- **Task A – Clean Slate III Corrective Action Unit (CAU) 414**



- Description
 - Clean Slate III was the location of a plutonium dispersal test conducted in 1963 on the Nevada Test and Training Range
- Baseline work to be completed
 - Complete closure activities (type of closure activities to be determined)
 - Preparation of closure report
- Risk/consequences of delay
 - No additional public or environmental risks will result from non-completion
 - DOE maintains radiological controls
 - Area will remain off-limits for future uses
 - U.S. Air Force and NDEP agreements and schedules would be impacted

- **Task B – CAU 576**



- Description
 - CAU 576 is the location of miscellaneous radiological sites and debris on the NNSS
- Baseline work to be completed
 - Complete Closure Activities (type of closure activities to be determined)
 - Preparation of Closure Report
- Risk/consequences of delay

- No additional public or environmental risks will result from non-completion
- DOE maintains radiological controls
- Area will remain off-limits for future uses
- NDEP agreements and schedules would be impacted

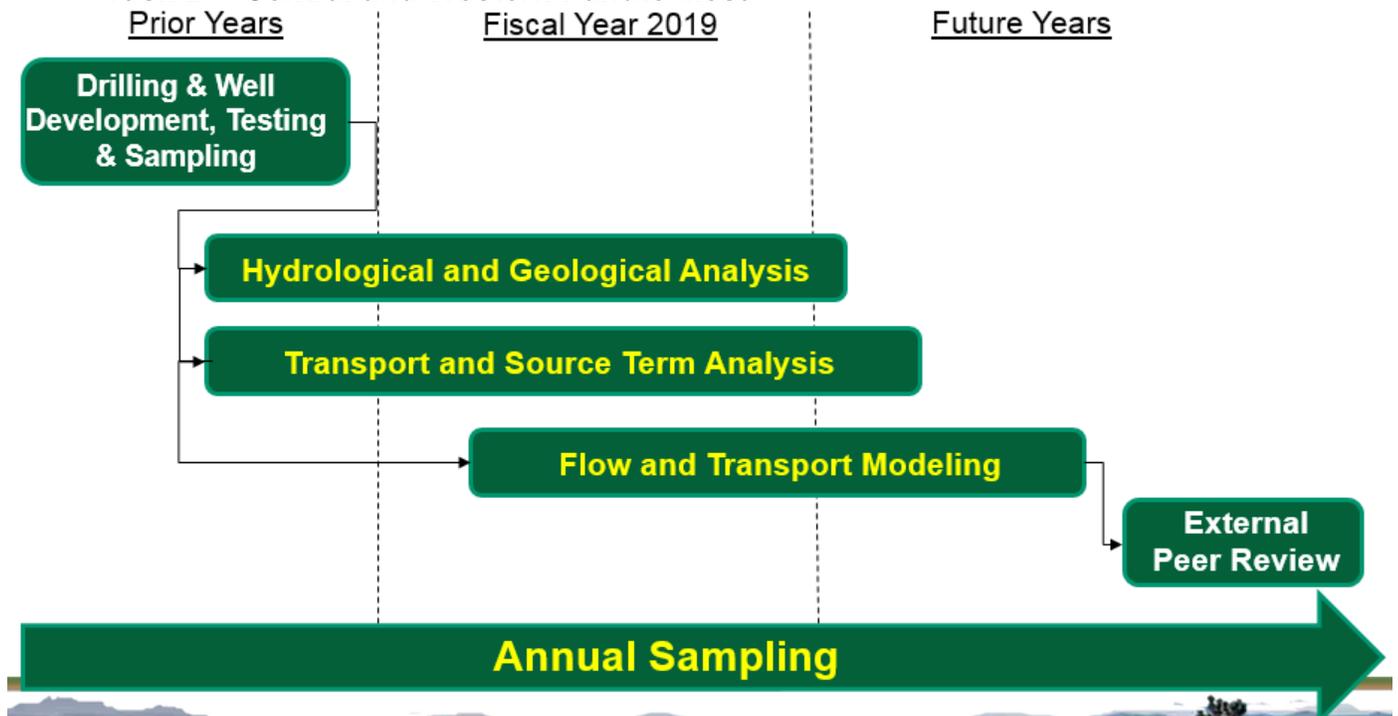
- **Task C – Air Monitoring**



- Baseline work to be completed
 - Continue air monitoring on the NNSS and the Nevada Test and Training Range
- Risk/consequences of delay
 - Data collection indicating no migration of contaminants above levels of concern would be ceased
 - Any potential consequences regarding contaminant transport would be unknown and mitigations would be delayed

FY 2019 Groundwater Characterization Tasks, Bill Wilborn, Underground Test Area (UGTA Activity Lead)

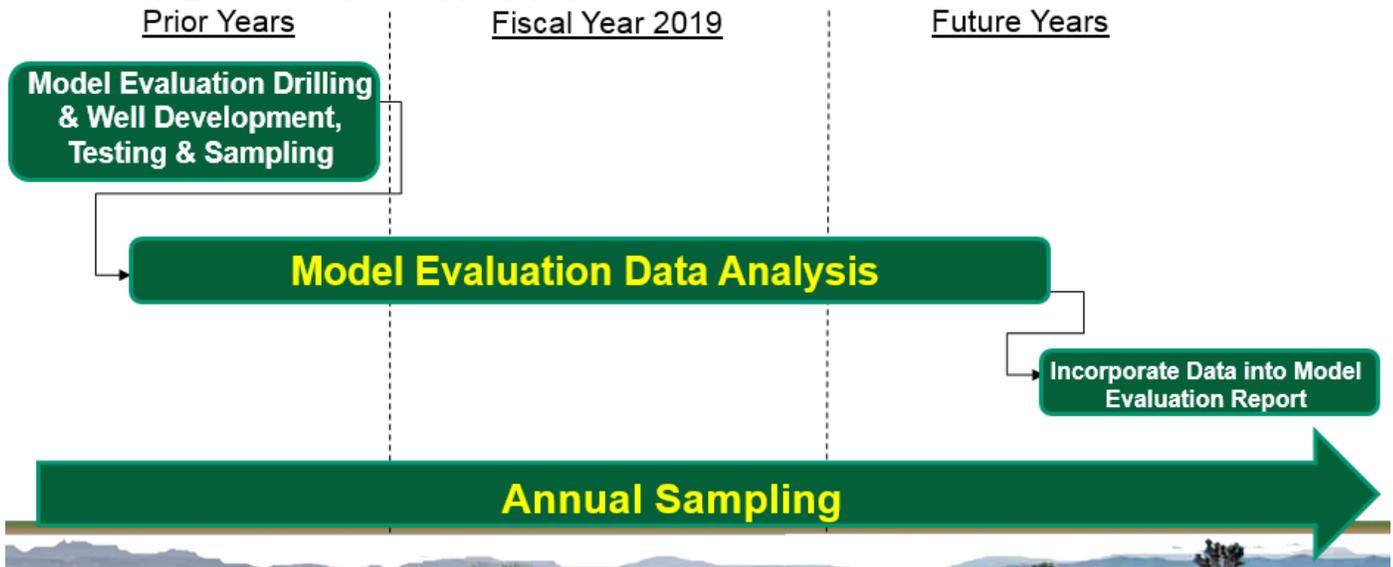
- **Task D – Central and Western Pahute Mesa**



- Baseline work to be completed
 - Complete the geologic and hydrologic data analysis

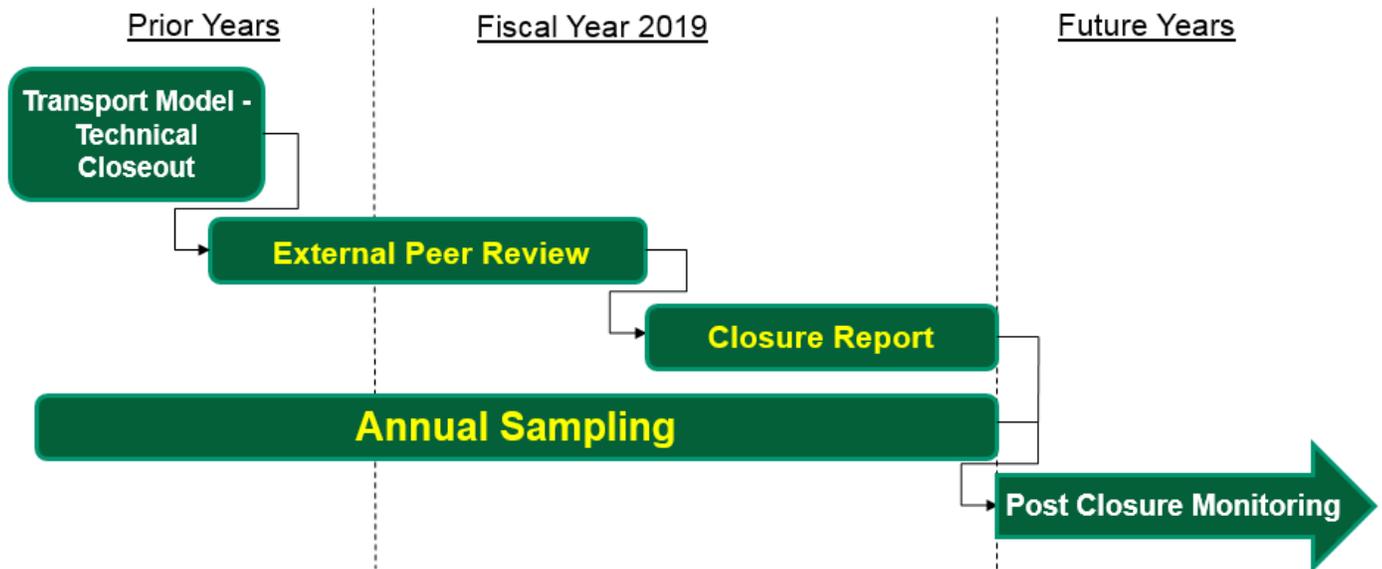
- Update the hydrogeologic framework model to include new Well ER-20-12 data and address internal peer review comments
 - Finish the conceptual model sections with respect to geology, water levels, water balance, and hydraulic properties
- Complete the transport and source analysis and evaluation
 - Fracture porosity/diffusion/sorption data
 - Source term categorization
- Present “Data Completeness” briefing to DOE EM and NDEP
 - Note: DOE cannot proceed to the modeling and contaminant forecast stage without NDEP approval
- Begin Flow and Transport Modeling
 - Focus on the Bench Area
- Risks/consequences of delay
 - Public and environment
 - Delayed ability to forecast radionuclides migration
 - Regulatory
 - NDEP agreements and schedules would be impacted

• **Task E – Yucca Flat/Climax Mine**



- Baseline work to be completed
 - Continue Model Evaluation Data Analysis
 - Analyze data from drilling, pumping, and recovery
- Risks/consequences of delay
 - Public and environment
 - Delay in closure monitoring
 - Regulatory
 - NDEP agreements and schedules would be impacted

- **Task F – Rainier Mesa/Shoshone Mountain**



- Baseline work to be completed
 - Conduct External Peer Review, respond to comments, and finalize closure document
- Risks/consequences of delay
 - Public and environment
 - Delay in closure monitoring
 - Regulatory
 - NDEP agreements and schedules would be impacted
 - Complete External Peer Review: current November 2017, proposed change to August 2019
 - Closure Report: current November 2018, proposed change to June 2020

FY 2019 Low-Level Waste Tasks, Jhon Carilli, LLW Activity Lead

- **Task G – Area 5 Radioactive Waste Management Disposal Operations**



- Maintain capability to safely receive and dispose approximately 1.2 million cubic feet of LLW/Mixed LLW
- Continue environmental monitoring activities at the Area 5 Radioactive Waste Management Complex
- Maintain disposal and safety documentation
- Continue facility evaluations of generators per the NNSS Waste Acceptance Criteria

- Risk/consequences if task not completed
 - NNSS-specific: potential for inability to dispose of own wastes; consequently forced to expend additional costs for disposal
 - DOE complex: potential for missed milestones; additional costs; inability to dispose some wastes
- Risk/consequences to the public and the environment if task not completed
 - EM Complex cleanup will be shifted to later years at an escalated cost
 - Waste stored at other DOE sites may not have a disposal path forward
 - Other DOE sites may miss regulatory milestones
- Tonight's Path Forward
 - Baseline briefing
 - The ranking process
 - Description of each task
 - Group discussion
 - Individuals rank tasks
 - Tallying of prioritizations
 - Vote on final recommendation

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

- There are no current plans to use the land at CAU 576 and depending on the closure path chosen may include use restrictions preventing the use of the land.
- For Clean Slate III, there are existing agreements with NDEP under the Federal Facility Agreement and Consent Order (FFACO). EM Nevada currently has a great working relationship with the U.S. Air Force who has been very responsive during collaboration on the closure activities for this site.
- For CAU 414 and 576, the funding for potential post-closure monitoring would be minimal, although any fines and penalties incurred by missing FFACO milestones may be considerable if the cleanup is delayed.
- The Soils Activity currently has three air monitoring stations on the Tonopah Test Range and will soon have an additional two stations. The Soils Activity also has two air monitoring stations on the NNSS that are utilized for EM work. These stations are mobile in order to gather data from a particulate site, but are more often left in place to gather consecutive years of data for comparison purposes. The NNSS Management and Operating contractor also operates a number of air monitoring stations at the NNSS to ensure compliance with air monitoring permits, which is funded separately from EM dollars.
- The NSSAB's baseline prioritization recommendations are utilized and considered in the decision-making process by EM Nevada and EM HQs when levels of funding are significantly reduced.
- The three Soils tasks have all been presented and discussed with the NSSAB in past Full Board meetings. If the Soils task for Air Monitoring is not fully funded in a fiscal year, there may not be money available for workers to collect samples and analyze the data; therefore there could be a potential gap in the data under that scenario.
- For the Air Monitoring task, there would be no fines as there are no milestones associated with the task, although the information would not be available for making decisions for closure paths and post closure monitoring. Under funding constraints, the air monitoring stations would probably degrade physically at the regular rate if not operated within a fiscal year.
- The baseline prioritization process for FY 2019 is initiated with the NSSAB's recommendation on its priorities from a community perspective. EM Nevada takes NSSAB

recommendations into consideration when submitting a budget request to EM HQs which then continues the process through Congressional and Presidential approval. The actual funding levels for FY 2019 will not be known until the entire process is complete and is dependent on continuing resolutions.

- Under the FFACO, EM Nevada's responsibility to remediate and close these Soils sites continues even if funding is reduced and the work is deferred into future fiscal years. Taking into account inflation and other factors, the earlier that these Soils sites are in closure, the less funding that would be required for remediation. As these will be the last two Soils sites to go into closure, any cost savings long-term may then be utilized for other EM Nevada activities for groundwater and LLW.
- The purpose of EM's air monitoring stations are to measure whether radiological contaminants are being transported in the air. Contamination spikes in these stations were noticed after the Fukushima, Japan accident.
- There are specified tasks that EM Nevada has identified as incentivized milestones for the EM contractor to earn additional funding by meeting certain metrics. If an incentivized milestone cannot be met due to no fault of either party, i.e. funding constraints, then EM Nevada is likely to approve a schedule change for the incentivized milestone in order not to impact the contractor.
- There are no immediate environmental impacts for any of the UGTA CAUs, although they are all undergoing routine monitoring.
- Central and Western Pahute Mesa is the most complicated UGTA CAU and is scheduled in the baseline to go into closure sometime in FY 2027 – 2030. Yucca Flat/Climax Mine and Rainier Mesa/Shoshone Mountain are scheduled in the baseline to go into closure in FY 2019 - 2020.
- The EM tasks presented to the NSSAB do not include the minimum-safe activities, such as, regulatory compliance, inspections of waste generators, maintenance of safety operations, and long-term monitoring of closed Soils, Industrial Sites, and UGTA sites. These are tasks that are maintained under any level of funding.

Vice-Chair Bonesteel lead a group discussion to address any further thoughts, concerns, comments, suggestions, or questions related to the work plan item for FY 2019 Baseline Prioritization. Members were encouraged to include any rationale for their rankings on the individual worksheets. After group discussion including liaison input, the agenda was adjusted to accommodate the tallying of the individual baseline prioritization worksheets; therefore "Other NSSAB Business" was moved ahead on the agenda.

Other NSSAB Business (*Frank Bonesteel, Vice-Chair*)

Four letters were provided to Board members for informational purposes:

- NSSAB Recommendation for Clean Slate II Path Forward (Work Plan Item #2) – dated November 9, 2016
- DOE Response to NSSAB Recommendation regarding Clean Slate II Path Forward (Work Plan Item #2) – dated January 18, 2017
- NSSAB Recommendation for Corrective Action Alternatives for CAU 576 (Work Plan Item #1) – dated January 18, 2017
- DOE Response to NSSAB Recommendation regarding Corrective Action Alternatives for CAU 576 (Work Plan Item #1) – dated March 6, 2017

Vice-Chair Bonesteel introduced Anthony Graham, UNLV student intern, to provide an update to the Board. After the January 2017 Full Board meeting, student intern Graham reported that he developed a newsletter to educate the UNLV student body on the NSSAB, the NNSS, and the proceedings of the meetings, and he reported receiving a positive reaction from both faculty and students. He is open to additional ideas on engaging the UNLV community and plans to have student/faculty perspectives to report at future Full Board meetings. An EM kiosk has recently been placed in the UNLV Lied Library. Student intern Graham added that he has contacted a couple of UNLV professors regarding use of the information on the kiosk for projects this semester in conjunction with a recently published graphic novel on the history of atomic testing written by an UNLV professor. Members gave student intern Graham kudos on the newsletter.

The Devils Hole Workshop is scheduled for May 3 – 5, 2017, at the Beatty Community Center, Beatty, Nevada. This workshop brings together subject matter experts to discuss a variety of groundwater topics. DOE has funding available for two members to attend the workshop. Member Edward Rosemark volunteered to attend the workshop on behalf of the NSSAB. The NSSAB Office will open up the remaining slot to members who are not in attendance and will provide attendees with the registration information.

FY 2019 Baseline Prioritization Work Plan Item #8 (continued) – Final Results

After announcement of the ranking results and review of the draft recommendation letter for FY 2019 Baseline Prioritization, Member Twiddy moved to approve the letter with the understanding that the list of prioritizations reflects the rankings below. The motion was seconded and passed unanimously.

Rank	Task	Title
1	G	Area 5 Radioactive Waste Management Disposal Operations
2	A	Clean Slate III (CAU 414)
3	F	Rainier Mesa/Shoshone Mountain
4	E	Yucca Flat/Climax Mine
5	B	CAU 576
6	C	Air Monitoring
7	D	Central and Western Pahute Mesa

Other NSSAB Business (continued) (*Frank Bonesteel, Vice-Chair*)

The National Transportation Stakeholders Forum is scheduled for June 5 - 8, 2017, Pittsburgh, Pennsylvania. This conference brings representatives from federal, state, local, and tribal governments, private industry and other entities to discuss issues related to the continued safe transportation of radioactive waste. DOE has funding available for one member to attend the conference. Member Richard Twiddy volunteered to attend the conference on behalf of the NSSAB. Other NSSAB members are welcome to attend and pay their own travel expenses, and if interested should contact the NSSAB Office for registration information. The NSSAB Office will provide Member Richard Twiddy with the travel logistics and registration information.

Vice-Chair Bonesteel noted that planning continues for the spring EM SSAB National Chairs' Meeting hosted by the Paducah Site Office, Paducah, Kentucky on May 8 -11, 2017. Chair Rosenbaum and Vice-Chair Bonesteel will attend on behalf of the NSSAB. Other NSSAB members are welcome to attend and pay their own travel expenses, and if interested should

contact the NSSAB Office for registration information. A half-day tour of the Paducah site is scheduled for Tuesday, May 9 followed by the national chairs' meeting on Wednesday, May 10 through noon on Thursday, May 11.

Facilitator Ulmer explained that during the round robin agenda item, each of the eight local boards has five minutes to present a round robin topic(s). This is each board's opportunity to speak directly to EM-1 regarding what is important. EM-1 is already aware of the site's accomplishments and is interested in the Board's top interest/concern and/or Board's accomplishment. Facilitator Ulmer opened it up to the NSSAB to begin discussion on potential round robin topics. For interest/concerns, the NSSAB decided to concentrate on the change to a field-centric organization that provides more authority at the local sites, focusing on no lapses in safety and security processes at the NNSS. This item would also incorporate input on the impending brain drain in regard to the loss of qualified people in the nuclear industry. For accomplishments, the NSSAB chose to emphasize the local Public Information Officers transportation tabletop exercise that was conducted in Nevada in June 2016 and also the successful addition of a student intern providing public outreach to the students and faculty of UNLV. Chair Rosenbaum volunteered to bring forward a national initiative to the EM SSAB planning committee for a potential recommendation to conduct a national survey to assess potential exposure from truck transport of DOE waste across the country.

Communication Improvement Opportunities (Work Plan #9)

In response to providing recommendations on ways that DOE can improve/enhance communication to the public, Member D'Alessio suggested that the increased public involvement with the kiosk and the student intern newsletter at UNLV could be used as a model to get information into other universities/colleges in southern Nevada. Member Charles Fullen suggested conducting additional NNSS tours to high school students. DDFO Snyder responded that the Nevada's Strategic Communications Team recently attended the Southern Nevada Science Teacher Association conference and has made arrangements with teachers from Beatty and Amargosa Valley, Nevada, to provide presentations and NNSS tours to their students. DDFO Snyder encouraged members to assist in bridging the gap and introducing the Strategic Communications Team to the appropriate point of contact at their local schools to schedule presentations and/or NNSS tours. Member Autumn Pietras will work with DDFO Snyder and her college contact to arrange speaker(s) and/or an NNSS tour for students in the environmental sciences program at Nevada State College. Member Rosemark will contact the high school principal in Lincoln County to determine interest in having a speaker to talk about the EM Nevada Program.

Meeting Wrap-Up and Adjournment

Upcoming calendar of events:

- Rainer Mesa/Shoshone Mountain Internal Peer Review – March 28, 2017 at the DRI Building, Room 182 in Las Vegas, Nevada
- Next Full Board Meeting – April 19, 2017 at the Frank H. Rogers Science and Technology Building in Las Vegas, Nevada with educational session at 3 p.m. and meeting at 4 p.m.
- Devils Hole Workshop – May 3 - 5, 2017 at the Beatty Community Center in Beatty, Nevada
- EM SSAB National Chairs' Meeting – May 8 – 11, 2017 at the Paducah Site Office in Paducah, Kentucky

- LLW Stakeholders' Forum – May 24, 2017 at the Frank H. Rogers Science and Technology Building in Las Vegas, Nevada
- National Transportation Stakeholders Forum – June 5 – 8, 2017 in Pittsburgh, Pennsylvania

Any questions on the calendar of events, please contact the NSSAB Office at 702-630-0522.

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

Meeting adjourned at 7:45 p.m.