



## *Nevada Site Specific Advisory Board*

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### **Full Board Meeting**

**Las Vegas Country Club  
3000 Joe W. Brown Drive, Las Vegas, NV  
5:00 p.m. – October 12, 2011**

**Members Present:** Kathleen Bienenstein (Chair), Matthew Clapp, Daniel Coss, Thomas Fisher, Arthur Goldsmith, Donna Hruska, Robert Johnson, John McGrail, Barry LiMarzi, Gregory Minden, Michael Moore, Michael Voegele, James Weeks, Walt Wegst (Vice-Chair), Mitzie Wilson

**Liaisons Present:** Christine Andres for Tim Murphy (State of Nevada Division of Environmental Protection [NDEP]), Cielomina Gumabon (West Career and Technical Academy [WCTA]), Phil Klevorick (Clark County), Justine Leavitt (WCTA), Scott Wade (Department of Energy [DOE])

**Liaisons Absent:** John Klenke (Nye County), Genne Nelson (National Park Service)

**U.S. Dept. of Energy (DOE):** Rob Boehlecke, Frank DiSanza, Kelly Snyder (DDFO), Bill Wilborn

**Facilitator:** Denise Rupp (Navarro-Intera)

**Scribe:** Alicia Tauber ((Navarro-Intera)

**Public Present:** Sonya Coss

### **Agenda Review**

Chair Kathleen Bienenstein welcomed new members to the Board:  
Matthew Clapp  
Daniel Coss  
Thomas Fisher  
Arthur Goldsmith  
Barry LiMarzi  
Mitzie Wilson  
Cielomina Gumabon, Liaison (WCTA)  
Justine Leavitt, Liaison (WCTA)

After review of the agenda, Member Donna Hruska moved to accept the agenda with the addition of a break. The motion was seconded and passed unanimously.

### **Liaison Updates**

All liaisons in attendance provided a brief update of their role within their organization, as well as their organization's interaction with DOE's Environmental Management.

### **Public Comment**

There was no public comment.

### **State of Nevada Division of Environmental Protection Overview** *(Christine Andres, NDEP)*

- Organizational structure and staff
- NDEP's Bureau of Federal Facilities provides programmatic and regulatory oversight of DOE's Environmental Restoration and Waste Management activities at the Nevada National Security Site (NNSS), Nevada Test and Training Range (NTTR), Tonopah Test Range, Central Nevada Test Area and Project Shoal Area
- Applicable agreements, laws, and regulations
  - Federal Facility Agreement and Consent Order (FFACO) provides regulatory oversight of cleanup operations at Federal facilities in Nevada
  - Ensures entities work together in cost-effective manner
  - Establishes framework for identifying, investigating, remediating, and monitoring historically contaminated sites
  - Defines the regulations the State of Nevada will use to direct and enforce corrective action activities
  - Provides public involvement opportunities
  - Establishes corrective action strategy for cleanup activities
    - Appendix VI is Corrective Action Strategy
    - Corrective Action Sites (CAUs) are grouped into units having common contaminants, geology, location, or other factors
    - DOE discusses priorities with NDEP
    - NDEP makes recommendations
    - Recommendations are presented for review by public and NSSAB for EM activities
    - Following recommendations, NDEP works with DOE to develop prioritization of CAUs
    - Activities overseen include Industrial Sites, Soils, and Underground Test Area (UGTA)
    - Specific closure approach is chosen for each site
    - Three closure methods include housekeeping, complex closure, and Streamlined Approach for Environmental Restoration (SAFER)
    - Closure of the UGTA sites is an iterative process that includes interim documentation ensuring NDEP's oversight and input at every step along the way

- Agreement in Principle implements existing State regulations for water pollution control, safe drinking water, underground storage tanks, corrective actions, and storage, treatment and disposal of waste
  - Storage, treatment and disposal of waste includes low-level and mixed low-level waste supporting DOE complex-wide cleanup with NDEP providing involvement from initial shipment to final disposal
- Resource Conservation and Recovery Act (RCRA) Part B permits cover hazardous waste storage, explosive ordnance disposal, mixed low-level waste cell and storage facility; Part D permits cover solid waste at four locations on the NNSS
- NDEP does not regulate transportation to and from the NNSS

### **Groundwater Update** (*Bill Wilborn, DOE*)

- Tritium contamination at the PM3 site just off Pahute Mesa was reported in a September Las Vegas Review Journal article following a public meeting on the Nevada Site-Wide Environmental Impact Statement
- Tritium was found in both the lower and upper intervals, ranging from 19-33 Picocuries Per Liter (pCi/L) (lower interval) and 37-57 pCi/L (upper interval)
- As illustrated by the particle track map, one of the conceptual models did show radionuclides would flow though the area in which they were detected
- Future representative sampling would be difficult to obtain through typical pumping
- A specific UGTA path forward is undecided pending technical discussion, however monitoring will continue

In response to questions from the Board, Mr. Wilborn will provide additional information regarding:

- Underground nuclear test *Handley* shot depth and size of underground crater
- Names of other shots in the area
- Clarification as to whether one of the underground tests cratered to the surface

### **Site-Wide Environmental Impact Statement (SWEIS) Committee Update**

(*Michael Voegele, Committee Co-Chair*)

- The SWEIS Committee completed compilation of the SWEIS comments and their draft recommendation for consideration by the Full Board
- After discussion, editorial changes/corrections to the draft recommendation letter and attached comments were made
- Dr. Voegele moved the recommendation letter and attached comments be approved with the editorial changes/corrections agreed to by the Board. The motion was seconded and passed unanimously.

### **FY 2012 Work Plan Development**

The Board discussed the Work Plan tasks and how best to approach each task. The Board will address all tasks as a Committee of the Whole with the following exceptions:

- Item 2 (FY 2012 Membership Drive)  
Seven members have agreed to serve on the Membership Committee – Kathleen Bienenstein, Arthur Goldsmith, Donna Hruska, Michael Moore, Michael Voegele, Walt Wegst, and Mitzie Wilson

- Item 4 (Review of draft “Risk-Based corrective Action Decision Process” document) four members have agreed to serve on this committee - John McGrail, Donna Hruska, Michael Voegele, and Walt Wegst

Based on Work Plan task due dates, Full Board meetings were scheduled for the following dates, with locations to be determined based on available space:

- January 18
- February 15 (if required)
- March 21
- April 11
- May 16
- July 18
- September 19

Membership and Soils Committee meetings will be scheduled as needed to ensure timely completion of the Work Plan tasks.

### **Other NSSAB Business**

- Transportation Working Group (TWG) Update (*Kathy Bienenstein, Chair*)  
The TWG has scheduled a forum from 1 p.m. to 4 p.m. October 20 at the Grant Sawyer Building and members of the Board are encouraged to participate
- EM SSAB Chairs Video Conference  
The EM SSAB Chairs Meeting will be held as a video conference on October 20 from 8 a.m. to noon. The videoconference will be available at the Nevada Site Office. Four additional seats are available. Members interested in attending should contact Ms. Rupp.
- A tour of the Nevada National Security Site is scheduled for Wednesday, October 19, 2011
- The next Full Board meeting is scheduled for 5:00 p.m., Wednesday, January 18, 2011, at a location to be determined

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

Meeting adjourned at 7:45 p.m.