



Nevada Site Specific Advisory Board

Industrial Sites Committee Soils Committee

Atomic Testing Museum
755 E. Flamingo Road, Las Vegas, NV
5:00 p.m. – February 23, 2011

Meeting Minutes

Industrial Sites
Members Present:

Kathleen Bienenstein, Robert Johnson, John McGrail,
Michael Moore, Helen Neill (UNLV), Michael Voegele, Jim Weeks

Industrial Sites
Members Absent:

Robert Gamble (Nye County), Phil Klevorick (Clark County)

Soils Members Present:

Kathleen Bienenstein, Donna Hruska, Robert Johnson,
John McGrail, Michael Moore, Helen Neill (UNLV),
Michael Voegele, Walt Wegst

Soils Members Absent:

Robert Gamble (Nye County),

U.S. Dept. of Energy (DOE):

Rob Boehlecke, Kevin Cabble, Kelly Snyder (DDFO)

Navarro-Intera:

Lynn Kidman, Pat Matthews

Facilitator:

Denise Rupp, Navarro Research & Engineering, Inc.

SOILS

Federal Facility Agreement and Consent Order (FFACO) Appendix VI Soils Sites Description Update (Work Plan Item #7)

Kevin Cabble, Soils Federal Sub-Project Director, briefed the Committee on the draft revision FFACO Appendix VI relating to Soils strategy. This Appendix has not been previously revised. Major changes in the proposed revision include:

- Description of how Soils Corrective Action Sites (CAS) are grouped into corrective Action Units (CAU) by geographic location, type of contamination, and investigative strategy; creates more manageable CAUs with a reduced number of CASs in each
- Clarifies FFACO reporting documents by providing criteria for Closure Report (CR), corrective Action Decision document (CADD), and addition of CADD/CR
- Addition of action levels based on most exposed receptors and current/projected future land use
- Addition of Correct Action alternative (CAA) meeting to discuss potential receptors, future land use, stabilization, and monitoring

John McGrail, Soils Committee Chair, requested the Committee review the original Appendix VI and the original provided. Any questions should be submitted to Denise Rupp in the NSSAB office as soon as possible. Environmental Management will provide additional information as requested. Comments are to

be submitted to the NSSAB office by March 3. Once the comments have been compiled and sent to the Committee for review, a determination will be made to either schedule an additional Committee meeting or have the Chair draft a recommendation letter for presentation at the March 9 Full Board meeting.

Soils CAU 375 (Test Cell A and Buggy Unit Craters) Closure Scenario *(Work Plan Item #2B)*

Lynn Kidman, Navarro-Intera, briefed the Committee on the current investigations for CAU 375:

- CAU 375 is comprised of Test Cell A, Test Cell A Bunker, and Buggy Unit Craters
- Information was collected from the placement of thermoluminescent dosimeters (TLD) and gamma walk-over surveys
- Analytical results show minimal potential internal contamination at Test Cell A and Buggy Unit Craters and no contaminants of concern at the bunker
- Test Cell A/Bunker closure costs
 - Closure in Place (based on Remote Worker scenario) ~\$25 K plus \$1 K/year monitoring
 - Clean Closure ~\$25 M
- Buggy Unit Craters closure costs
 - Closure in Place (based on Remote Worker and Industrial Use scenarios) ~\$50 K plus \$2 K/year monitoring
 - Clean Closure ~\$275 M

INDUSTRIAL SITES

Due to schedule conflicts, Chair Kathleen Bienenstein stepped down as Chair. After discussion, Acting Chair, Michael Voegele, was voted Chair.

CAU 566 Rail Cars *(Work Plan Item #5)*

The Committee discussed possibilities for the disposition of rail cars located at the Engine Maintenance Assembly and Disassembly Facility.

- The rail cars include:
 - Two locomotives (not contaminated)
 - One cable spool car (contaminated)
 - Two flat cars (contaminated)
 - One manned control car (not contaminated)
 - One emplacement installation vehicle (not contaminated)
- Member Robert Johnson reported the Town of Beatty, the Beatty Chamber Commerce and the local museum had expressed interest in the locomotives, however, the cost of moving them is prohibitive
- The options for the rail cars include removing to an outside facility, removing for disposal in Area 5, or leaving in place
- The fluids have been drained and batteries removed on all but two cars (which are in the process of being drained)
- The possibility of scrap was discussed; however, this still requires the costs of transport
- Legal has advised it is possible for NSTec to declare the items as surplus
- Historical value could be appreciated by the public with display in Beatty
- Options for moving the cars was discussed, including NSTec and outside contractors
- EM will provide information on the level of contamination in the remaining cars
- If cars were to remain on the NNSS, the Committee expressed a preference to have them removed to a less visible site
- EM will provide information regarding the condition of the rail tracks in the immediate vicinity and advise as to the feasibility of transport on those rails

- Chair Voegele will draft a recommendation for committee review outlining the concept of the uncontaminated cars being sent to a local community such as Beatty and a closure scenario for the remaining contaminated cars depending on costs for moving the cars within the site
- Member Weeks will request letters of support from the Beatty Town Board, museum, and Chamber of Commerce to Assistant Manger for Environmental Management, Scott Wade, with a cc to Nevada Site Office Manager, Steve Mellington
- Chair Voegele will discuss the possibility of a letter of support with members of the Nye County Board of County Commissioners
- Kelly Snyder will provide copies of the rail car photos to the County Commissioners

The combined Industrial Sites/Soils Committee meeting adjourned at 7:00 p.m.