



## MEETING MINUTES

### Soils Committee

November 9, 2009

Sedan Conference Room, Nevada Site Office  
232 Energy Way, North Las Vegas, NV 89030

Members Present: John McGrail (chair), Robert Johnson, Helen Neill (UNLV), Ted Oom  
Members Absent: Bob Gamble (Nye County), Dave Hermann  
U.S. Dept. of Energy: Kevin Cabble, Kelly Snyder (DDFO)  
Navarro Nevada Environmental Services: Lynn Kidman, Patrick Matthews, Christy Sloop  
Facilitator: Denise Rupp, Navarro Research & Engineering, Inc.

Patrick Matthews and Lynn Kidman briefed the Committee on the Environmental Management Soils Sub-Project regarding Corrective Action Units (CAU) 371.

- Clean Closure costs are approximately \$31,600,000
- Closed in Place costs are estimated at less than \$200,000 (plus nominal post-closure monitoring)
- In the last two calendar years, there has been no reportable external or internal exposure to workers in any Soils Sub-Project work
- Routine breathing zone air samples for CAU 371 have indicated no significant airborne radioactivity
- Industrial use constitutes 25 millirem per year based on 2,250 hours of exposure per year
- Occasional use constitutes 25 mrem per year based on 400 hours of exposure per year
- State of Nevada Division of Environment Protection (NDEP) currently reviews closure alternatives based on industrial use although there is only occasional use at CAU 371
- Both Corrective Action Sites (CASs) in CAU 371 have identified doses in excess of 25 mrem based on industrial use; there would be no exposure based on occasional use
- The majority of the field work for CAU 371 is complete; additional walk-overs will be required to identify exposure in the highest areas of concentration and a survey of 18-03 road will be conducted
- Closed in Place would be fenced and/or posted
- Highest soil samplings on both CASs were 0.1 mrem/year

John McGrail pointed out the closer you get to perfection the more it costs. It was agreed there is not adequate funding or any real need to Clean Close all of the contaminated sites. The Committee agreed Mr. McGrail would present their findings to the Full Board and recommend Closed in Place for CAU 371. Suggestions to be included in the Full Board presentation include:

- Recommend the Department of Energy request NDEP base their review on occasional use rather than industrial use, given the remote location and extremely low need to access the site
- The process the Committee used to evaluate the closure alternatives for CAU 371 will be used as a blueprint for evaluation of future CAUs

The Committee task for evaluating closure alternatives for CAU 372 has a current due date of January 2010. Field investigation is currently under way and results will not be available until January or February. The Full Board work plan due date for this task needs to be moved to March 2010.

The meeting adjourned at 11:30 a.m.