Beatty TAG Meeting Summary

Date: January 19, 2017

Location: Carson City, Videoconference with RCP-Las Vegas, Teleconferenced with Nye County, US NRC, US DOE, and DRI

NRC- Duncan White will be conducting a Site visit with the RCP on February 14, 2017 for the upcoming IMPEP that will be completed this summer.

RCP update- The RCP conducted a quarterly inspection and there were no anomalies. The soil added to the cap is sloped for rain drainage. The soil is compacted to 90% of standard proctor and complete compaction of the cover soil (100% of proctor) is not desirable, since that would diminish the evaporative transpiration (ET) properties. The cap has some rough areas although it is graded. The trench markers were removed for the soil placement. The trench markers were not replaced after the soil was added. Once a final decision is made for the cap repair it will include how to handle the trench markers. There is a site visit scheduled for 1-20-2017 with the RCP and the contractors from Daniel B Stevens and Associates (DBSA). A rain event occurred at the site in December. It is forecasted to be raining during the scheduled site visit, this may help to evaluate for water shed on the interim cap.

The website statistics were discussed, there were 128 new views to the site. The average time spent on the website was under 2 minutes. Joe Pollock mentioned there has been some media interest in the TAG meetings. In the future, he will direct them to the Site website for TAG meeting summaries.

DBSA update- The contractor has submitted the overall work plan and the characterization work plan. The overall work plan has an estimated complete date of July 2017. The contract termination date is May 2017. It was expressed that the contractor would like to extend the time of the contract to July 2017. The contractor will make a formal extension request in writing. During the site visit on 1-20-2017 they will investigate the cover as it is now and see its performance as it is. The contractor, at this time, has no intention of examining the waste itself. They will be looking at surface water run-on and runoff. It was mentioned about the consideration of percolation with a cap cover being placed. The contractor stated they will be conducting moisture tension curves of the soil. One of the most important factors the contractor will be looking into is the integrity of the containers the waste is stored in. This will also be important when looking into the factor of sodium at the site, due to the fact that sodium could pull moisture from soil and react. Within the final deliverables, there will be a full explanation of the choice made in regards to characterization of the waste itself.

Data needs of the contractors- The data required from the contractors would be, what mixed waste is present at the site and where it is located. The most important starting point for the contractor will be focusing on the previous repair records. They will also need settlement records and the summary of disposal records. The contractor has not started collecting historical data yet.

USEN update- USEN is working on providing a topographical report of the interim cover. It was noted that during the interim repair at the end of the excavation, the cover material contained about 3% less clay than what is normal. There was a significant rain event in

December that resulted in runoff. However, no pools were observed forming across the LLRW cover. There is a lysimeter located at trench 11 to monitor rain amounts and temperature. A website is available with all information gathered from the lysimeter. It was discussed that this website would be provided to the TAG members after the meeting.

NDEP update- Nothing to add at this time

USGS update- USGS is completing the analysis of the spring field work with VOCs and tritium. A potential expansion in their research may include the evolution of possible contaminant exposure effects on rodents.

DOE update- Nothing to add at this time

DRI update- DRI raised the question of the amount of soil added during the interim repair. The answer was 12-15 feet in the center out to 0 at the edge for a 5% slope for runoff. DRI raised a point about if a membrane cover is to be used that differential settlement could lead to difficult and costly repairs.

Goals: Continued review of Contractor's work on completing a final EE/CA.

Next meeting March 16, 2017 11am-1pm PST