



Nevada Site Specific Advisory Board

May 15, 2013

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Ms. Tiffany Lantow, Soils Activity Lead
Environmental Management Operations
U.S. Department of Energy, Nevada Field Office
P. O. Box 98518
Las Vegas, NV 89193-8518

SUBJECT: Recommendation Regarding Corrective Action Unit (CAU) 105:
Area 2 Yucca Flat Atmospheric Test Sites, Evaluation of Corrective
Action Alternatives (Work Plan Item #1)

Dear Ms. Lantow:

The Nevada Site Specific Advisory Board (NSSAB) was asked to provide a recommendation to the U.S. Department of Energy (DOE) regarding Corrective Action Alternatives at CAU 105: Area 2 Yucca Flat Atmospheric Test Sites.

The NSSAB considered Corrective Action Alternatives of clean closure or closure in place with use restrictions as identified in the Federal Facility Agreement and Consent Order. Three sites at CAU 105 (Shasta Site, Buried Trenches, and T2 Site) exceeded the chemical action level for lead.

After evaluating the pros and cons of clean closure or closure in place for each of the three sites, the Board recommends that DOE selects closure in place for the Shasta Site, as the Board felt that it is important to preserve the historic significance of the site. For the Buried Trenches, the Board recommends that DOE selects closure in place and fill in the one open trench as part of the closure option. Thirdly, the Board recommends the option of clean closure for the T-2 Site. This alternative will reduce the toxicity and mobility of the surface and sub-surface lead bricks contained at this site, while eliminating the need for long-term monitoring and maintenance.

Thank you for the opportunity to provide a recommendation on this work plan item for CAU 105. The NSSAB appreciates the time federal and contractor staff provided the NSSAB in briefing the subject and answering questions.

Sincerely,

Kathleen L. Bienenstein, Chair

Tiffany Lantow
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