



Nevada Site Specific Advisory Board

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U.S. Department of Energy,
Nevada Site Office

July 18, 2012

Mr. Rob Boehlecke,
Environmental Management Operations Manager
U.S. Department of Energy, Nevada Site Office
P. O. Box 98518
Las Vegas, NV 89193-8518

SUBJECT: Recommendation Regarding Long-term Monitoring Activities at
Closed Industrial Sites

Dear Mr. Boehlecke,

The Nevada Site Specific Advisory Board was asked to provide a recommendation to the U.S. Department of Energy regarding long-term monitoring activities at closed Industrial Sites at the Nevada National Security Site.

Overall, the Board agrees with the existing long-term monitoring approach but has several suggestions for enhancing the activities. The Board recommends the Nevada Site Office:

1. Identify ways to utilize resources efficiently to monitor high priority sites. For example, use solar powered sources and line of site communications to monitor sites with a Closed Circuit Television System, and/or sensors to alarm if someone is in the area of the closed site.
2. Find better means of barricading closed sites that can withstand arid weather conditions and keep animals out.
3. Create one document that outlines feasible options for closure monitoring in general, keeping site-specific decisions in applicable closure reports. This would allow a reader to identify the span of control that may be used at the NNSS.

4. Improve means of quality assurance by photographing, conducting aerial inspections, and have multiple people inspect the site prior to closure. This expanded process would prevent potential human error.
5. Expand the type of documentation completed during routine inspections to include photography.

The Board wishes to thank Environmental Management for the opportunity to provide a recommendation regarding long-term monitoring activities at closed Industrial Sites.

Sincerely,

A handwritten signature in black ink, appearing to read "KATHLEEN BIENENSTEIN". The signature is stylized and somewhat cursive.

Kathleen L. Bienenstein, Chair

cc: M. Nielson, DOE/HQ (EM-3.2) FORS
C. Alexander, DOE/HQ (EM-3.2) FORS
K. Snyder, PSG, NNSA/NSO, Las Vegas, NV
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