



# Nevada Site Specific Advisory Board

February 19, 2014

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 Radionuclide Decay at Use-Restricted Soil Sites (Work Plan Item #3)

Dear Ms. Lantow:

The Nevada Site Specific Advisory Board (NSSAB) was asked to provide recommendations, from a community perspective, to the U.S. Department of Energy (DOE) in regard to Radionuclide Decay at Use-Restricted Soil Sites (Work Plan Item #3) that answer the following questions: are there any improvements or enhancements to be made to the report entitled, "*Estimated Time When Dose at Selected NNSS Soils Sites Falls Below 25 mRem/year*"? What should DOE's actions be when the radionuclides in the use-restricted areas have decayed? What should DOE consider when removing use restrictions?

After receiving a briefing, review of the report and further deliberation, the NSSAB recommends that the following improvements and enhancements are included in the report:

- A definition of terms
- An inventory of radiological materials at each Corrective Action Unit
- An explanation of 25 versus 300 mRem/yr
- An explanation of Occasional Use versus Industrial Use
- Suggested reader of the report
- If land use changes, then reevaluate
- Assumptions

At this time, the NSSAB does not have additional recommendations for what DOE's actions should be when radionuclides in the use-restricted areas have decayed or what DOE should consider when removing use restrictions. The Board wishes to thank Environmental Management for the opportunity to provide meaningful input to DOE in regard to this Work Plan item.

Sincerely,

Kathleen L. Bienenstein, Chair

#### Members

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#### Administration

Barbara Ulmer, Administrator

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Kelly Snyder, DDFO

*U.S. Department of Energy,  
Nevada Field Office*

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