



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

March 19, 2018

Mr. Mark Kautsky, Acting Team Leader  
U.S. Department of Energy  
Office of Legacy Management  
2597 Legacy Way  
Grand Junction, CO 81503

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION STAFF REVIEW OF 2017  
ANNUAL INSPECTION REPORT FOR URANIUM MILL TAILINGS RADIATION  
CONTROL ACT TITLE II SITES (Docket Numbers: 40-1341, 40-8902, 40-8904,  
40-6659, 40-9090, WM-54)

Dear Mr. Kautsky:

I am writing in response to the U.S. Department of Energy (DOE) report entitled "2017 Annual Site Inspection and Monitoring Report for Uranium Mill Tailings Radiation Control Act Title II Sites" dated December 2017 (Agencywide Documents Access and Management System (ADAMS) Package Accession Number ML17346A761). The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the DOE site inspection report and has the following comments:

1. For the Maybell West, Colorado, disposal site, the 2016 inspection report noted that boundary markers BM-3 and BM-6 could not be located and that a follow-up investigation would be conducted. In our comments on the 2016 inspection report the NRC staff suggested that the results of the investigation be included in the 2017 inspection report (ADAMS Accession Number ML17097A221). However, the 2017 inspection report does not discuss the results of the investigation. It does note that BM-3 was found and that it was bent and would be replaced in 2018. There is no specific mention of BM-6 although the 2017 report states that all of the boundary monuments were inspected. Please clarify if BM-6 was located during the 2017 inspection.
2. For the Sherwood, Washington, disposal site, the NRC staff review of the 2016 inspection report noted that the DOE had conducted a survey of the disposal cell cover and requested that the DOE report for the survey be provided to the NRC when it was available. To date, the NRC has not received this report. Please provide this report as soon as possible, as the assumptions in the 2001 Long-term Surveillance Plan are that the differential settlement of the disposal cell is six feet, while the 2016 data indicated that actual settlement was 2-3 feet.

The NRC staff will provide comments on the Inspection Report for the Bluewater site under separate cover.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Part 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter will be available

M. Kautsky

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electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's ADAMS. ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html>.

If you have any questions concerning the NRC review of the report, please contact me at 301-415-6749 or by email at [Dominick.Orlando@nrc.gov](mailto:Dominick.Orlando@nrc.gov).

Sincerely,

/RA/

Dominick A. Orlando, Senior Project Manager  
Materials Decommissioning Branch  
Division of Uranium Recovery, Waste  
Management and Environmental Protection  
Office of Nuclear Material Safety and Safeguards

Docket Numbers:

40-1341

40-8902

40-8904

40-6659

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WM-54

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Docket Nos.:

- 40-1341
- 40-8902
- 40-8904
- 40-6659
- 40-9090
- WM-54

R. Evans, RIV L.Gersey, RIV

**ADAMS Accession No.: ML18031A324 \*by email**

<b>OFC</b>	DUWP	DUWP	DUWP	DUWP*
<b>NAME</b>	DOrlando	CHolston	JWhited	VKurian
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<b>OFC</b>	DUWP	DUWP		
<b>NAME</b>	SKoenick	DOrlando		
<b>DATE</b>	3/19/18	3/19/18		

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