



Department of Environmental Quality



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Matt Mead, Governor

Todd Parfitt, Director

July 8, 2014

Mr. Lawrence J. Corte, President
Western Nuclear, Inc.
2801 Youngfield, Suite 340,
Golden, CO 80401

RE: Reference: Title II-003
*Surface Water and Groundwater Monitoring Report,
Split Rock Uranium Mill Tailings Facility,
Source Material License SUA-56, June 13, 2014*

Dear Mr. Corte:

The Wyoming Department of Environmental Quality, Water Quality Division, Groundwater Pollution Control Section (GPC) reviewed the above referenced report providing the surface and groundwater sampling and analytical results for the first half 2014, May 2014 sampling event at the Split Rock Mill Site.

The current report states that "the parameters meet the required limits in the license and are consistent with previous values and with values predicted by the site model". GPC notes that groundwater in several monitoring wells continues to exhibit a general increase from September 2010 to the present in concentration levels in one or more constituents, pH, TDS, sulfate, and/or uranium. This is likely related to migration of the contaminant plume.

Surface water samples from the past couple of years indicated increases in TDS, uranium, and/or sulfate, which the report concluded are the result of drought conditions. Data presented in this June 2014 report appear to support the past report thesis as levels have returned to similar levels as previous years. This should be noted in future reports to determine whether future sampling events bear out this conclusion.



Thank you for including the WDEQ on the mailing list and giving us the opportunity to review this data. You may contact me at (307)332-3144 with any questions or comments on this letter. We look forward to reviewing future reports. Thank you for including the site reference identifier in the WDEQ copy information.

Sincerely,



Deborah Harris, PG
Wyoming Department of Environmental Quality
West District Supervisor
Groundwater Program/Water Quality Division

- cc: Mr. Mark Delligatti, Deputy Director, Division of Waste Management and Environmental Protection,
U.S. Nuclear Regulatory Commission, 11545 Rockville Pike, Rockville, MD 20852
✓ Mr. Nick Orlando, US NRC, Mailstop 8F5, Washington, DC 20555-0001
Mr. Louis Miller, Worthington Miller Environmental, LLC, 201 Linden, Ste. 301, Ft. Collins, CO 80524
File (2): Western Nuclear, Split Rock Mill, Fremont (reference: Title II-003) / Chron