



# 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

October 27, 2015

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

RE: *Surface Water and Groundwater Monitoring Report for the First Half of 2015*  
*Source Material License SUA-56, Split Rock Uranium Mill Tailings Facility (Title II-003)*

Dear Mr. Corte:

The Wyoming Department of Environmental Quality, Water Quality Division, Groundwater Pollution Control Section (GPC) reviewed the above referenced report. It is our pleasure to respond at this time. The report provides the surface and groundwater sampling and analytical results for the first half of 2015. The data was obtained during the May, 2015 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". As noted in previous correspondence, monitoring well SWAB-1R continues to exhibit a general increase from September 2010 to the present in concentration levels for several constituents, pH, TDS, sulfate, and uranium. We agree that this is potentially related to migration of the contaminant plume.

Thank you for including the WDEQ on the mailing list and giving us the opportunity to review this data. Please be advised, Ms. Deborah Harris is no longer with the DEQ. We respectfully request that your mailing list be updated to reflect that change. In the event that you have comments or concerns please contact me at your earliest convenience. Finally, we would appreciate being notified of sampling and inspection events at the facility. I can be contacted at (307) 335-6942 or at the following email address: james.oconnor@wyo.gov.

Sincerely,

  
James P. O'Connor, P.G.

Project Geologist  
Groundwater Program/GPC Section

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

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Western Nuclear/Split Rock Uranium Mill Tailings Site (Title II-003)  
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Mr. Louis Miller, Worthington Miller Environmental, LLC, 201 Linden, Ste. 301, Ft.  
Collins, CO 80524

pdf: Ms. Nicole Twing, P.G., GPC/SP Section Supervisor, Cheyenne  
File (2): Western Nuclear, Split Rock Mill, Fremont (reference: Title II-003) / Chron