



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

February 25, 2016

Ms. Anne Thomas, Project Assistant
Western Nuclear, Inc.
2801 Youngfield, Suite 340,
Golden, CO 80401
(303) 274-1767

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

Dear Ms. Thomas:

The Wyoming Department of Environmental Quality, Water Quality Division, Groundwater Pollution Control Section (GPC) is in receipt of 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 second half of 2015. The data was obtained during the September, 2015 sampling event at the Split Rock Mill Site.

The report states that the groundwater quality data indicate that all parameters meet the required limits of the license and are consistent with values predicted by the site model. We note the exception with manganese. Manganese was detected slightly above the detection limit and trigger level at the surface location SW-4 and right at the detection level at SW-3. The report differentiates between the levels at the sample collection locations and the upgradient sample value. Thank you for the explanation. We also note that the low sulfate and uranium levels indicate there is no tailing seepage as confirmed by values less than the trigger level for each constituent.

Thank you for including the WDEQ on the mailing list and giving us the opportunity to review this data. 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, Director, Division of Waste Management & Environmental Protection, U.S. NRC, 11545 Rockville Pike, Rockville, MD 20852
Mr. Nick Orlando, US NRC, Mailstop 8F5, Washington, DC 20555-0001
Mr. Scott Surovchak, US DOE, 11025 Dover St, Unit 1000, Westminster, CO 80021
Mr. Steve Hall, SM Stoller/US DOE 2597 B Road, Grand Junction, CO 81503

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Western Nuclear/Split Rock Uranium Mill Tailings Site (Title II-003)
Review letter for Surface & GW Monitoring 2nd Half Report 2015
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Mr. Louis Miller, Worthington Miller Environmental, LLC, 1027 W. Horsetooth Rd, Suite 200, Fort
Collins, CO 80526

pdf: Ms. Nicole Twing, P.G., GPC/SP Section Supervisor, Cheyenne

File (2): Western Nuclear, Split Rock Mill, Fremont County (Title II-003) / Chron
