



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

February 4, 2010

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

RE: Surface Water and Groundwater Monitoring Report,
Split Rock Uranium Mill Tailings Facility,
Source Material License SUA-56, December 3, 2009

Dear Mr. Corte:

The Wyoming Department of Environmental Quality (WDEQ), Water Quality Division (WQD) reviewed the above referenced report providing the surface and groundwater sampling and analytical results for the second half (September 29, 2009) of 2009 at the Split Rock Mill Site.

I would find it useful in evaluating the data and request that subsequent report submittals include the following elements:

- a potentiometric map of groundwater at the site
- a line plotting the approved ACL level for the identified constituent on each graph for time and constituent level plots/graphs

In addition, the time versus concentration graphs in this report include graphs for several wells not located on *Figure 1, Surface Water and Ground Water Monitoring Locations*, i.e. Well-1 and Well-4R. Please clarify which wells these are, and, if they are locations not included on Figure 1, please include the locations on subsequent submittals.

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Western Nuclear/Split Rock Uranium Mill Tailings Site
Review letter for 2nd Half 2009 Report
February 4, 2010

Thank you for including the WDEQ on the mailing list and giving us the opportunity to review this data. You may contact me at 307/335-6980 with any questions or comments on this letter. We look forward to reviewing future reports.

Sincerely,



Deborah Harris, PG
West District Supervisor
Groundwater Program
Water Quality Division

cc: Mr. Keith McConnell, Deputy Director, Division of Waste Management and Environmental Protection, U.S. Nuclear Regulatory Commission, 11545 Rockville Pike, Rockville, MD 20852
Mr. Richard Chang, US NRC, Mailstop 8F5, Washington, DC 20555-0001
Mr. Louis Miller, Miller Geotechnical Consultants Inc., 3801 Automation Way, Suite 100, Ft. Collins, CO 80525
Mr. Kevin Frederick, WQD/Groundwater Section Manager, Cheyenne
File (2): Western Nuclear, Split Rock Mill, Fremont / Chron