

June 12, 2006

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

SUBJECT: GROUND WATER AND SURFACE WATER MONITORING RESULTS,  
SECOND HALF 2005, WESTERN NUCLEAR, INC., SPLIT ROCK SITE,  
JEFFREY CITY, WYOMING (TAC L60468)

Dear Mr. Corte:

By letter dated April 18, 2006, Western Nuclear, Inc. (WNI) submitted to the U.S. Nuclear Regulatory Commission (NRC) staff, a water quality report for the second half of 2005 for its Split Rock, Wyoming facility (site). This water quality report presents analytical data from ground water and surface water samples collecting according to the new monitoring program incorporated into License Amendment 98 on June 15, 2005. A review of this report indicates that, according to the surface water analytical results, the site appears to be contributing small quantities of chloride, sulfate, total dissolved solids, and uranium to the Sweetwater River. Contaminant concentrations contributed by the site do not appear to be sufficient to impact any uses of the Sweetwater River. However, we will be monitoring these concentrations to ensure that public health, safety and the environment remain protected. NRC staff has no other comments or questions.

If you have any questions regarding this letter, please contact me at (301) 415-7182, or by e-mail, to [sjc7@nrc.gov](mailto:sjc7@nrc.gov).

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosures will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

Stephen J. Cohen, Project Manager  
Uranium Processing Section  
Fuel Cycle Facilities Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 40-1162  
License No.: SUA-56

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

SUBJECT: GROUND WATER AND SURFACE WATER MONITORING RESULTS, SECOND  
HALF 2005, WESTERN NUCLEAR, INC., SPLIT ROCK SITE, JEFFREY CITY,  
WYOMING (TAC L60468)

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Stephen J. Cohen, Project Manager  
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