

October 19, 2005

Mr. T.W. Hardgrove
Pathfinder Mines Corporation
935 Pendell Boulevard
P.O. Box 730
Mills, WY 82644

SUBJECT: SEMIANNUAL GROUND-WATER MONITORING REPORT, REANALYSIS OF
WELL T1-12, PATHFINDER MINES CORPORATION LUCKY MC SITE,
SOURCE MATERIALS LICENSE SUA-672 (TAC L60471)

Dear Mr. Hardgrove:

By letter dated August 19, 2005, Pathfinder Mines Corporation (PMC) submitted to U.S. Nuclear Regulatory Commission (NRC) staff a semiannual ground-water report for the Lucky Mc site. In this report, PMC stated that radium-226 and -228 levels did not appear to be valid and that PMC was reanalyzing this sample. PMC submitted this reanalysis on September 21, 2005. NRC staff has reviewed the new data from well T1-12 and concur that radium-226 and -228 concentrations are below the 7.5-pCi/l site standard. If you have any questions, please contact me at 301-415-7182 or by e-mail at sjc7@nrc.gov.

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

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.: 40-2259
License No.: SUA-672

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