



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

June 19, 2017

John W. Cash, President  
Pathfinder Mines Corporation  
5880 Enterprise Drive, Suite 200  
Casper, Wyoming 82609

SUBJECT: LICENSE AMENDMENT 62 FOR 2017 FINANCIAL SURETY UPDATE FOR  
PATHFINDER SHIRLEY BASIN, WYOMING SITE (DOCKET NUMBER: 040-  
06622)

Dear: Mr. Cash:

I am responding to your letter, dated September 12, 2016, submitting the 2017 financial surety update for the Pathfinder Mines Corporation (PMC) Shirley Basin site in Wyoming (Agencywide Documents Access and Management System (ADAMS) Accession Number ML16272A126).

The U.S. Nuclear Regulatory Commission (NRC) staff has evaluated PMC's 2017 surety update and has concluded that it adequately reflects the decommissioning activities, unit costs, a contingency factor, long-term surveillance fees, and financial assurance mechanism as required by 10 CFR Part 40, Appendix A, Criterion 9, 10, and License Condition 27. The NRC staff's evaluation can be found in the enclosed technical evaluation report. Based on this review, the NRC staff has amended Materials License SUA-442 to reflect the updated surety amount. A copy of your amended license is also enclosed.

Please note that, with the issuance of this amended license, PMC must submit, within a reasonable amount of time, a finalized update to its surety bond and Schedule A of the Standby Trust Agreement to reflect the new increased surety amount. An environmental assessment was not performed for this action as it is categorically excluded under 10 CFR Part 51.22(c)(10)(i).

In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records 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>.

J. Cash

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If you have any questions please contact me at (301) 415-6749 or by e-mail at:  
[Dominick.Orlando@nrc.gov](mailto:Dominick.Orlando@nrc.gov).

Sincerely,

***/RA/***

Dominick A. Orlando, Senior Project Manager  
Materials Decommissioning Branch  
Division of Decommissioning, Uranium Recovery  
and Waste Programs  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 040-06622

License No.: SUA-442

Enclosures:

1. Technical Evaluation Report
2. License Amendment 62

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**DISTRIBUTION:** R. Evans, R-I R.Kellar, RIV

**ADAMS Accession Number: ML17136A248 (Pkg) ML17136A223 (Ltr)  
ML17136A235 (Report)**

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