



# PATHFINDER

April 17, 2008

Mr. Keith I. McConnell, Deputy Director  
Decommissioning and Uranium Recovery Licensing Directorate  
Division of Waste Management & Environmental Protection  
Office of Federal & State Materials & Environmental Management Programs  
Mail Stop T8-F5  
U. S. Nuclear Regulatory Commission  
11545 Rockville Pike  
Rockville, Maryland 20852-2738

Ref: Docket No. 40-2259, Source Material License No. SUA-672

Dear Mr. McConnell:

Pathfinder Mines Corporation requests an amendment of Condition 60A of the referenced source material license for the Lucky Mc Uranium Mill Tailings Site to delete wells AL-8 and AL-9 from the ground water monitoring program. Since the status of these two wells was last considered (2006), there has been an accumulation of almost two years of additional data from the quarterly sampling of the wells. There are now data covering a span in excess of six years for AL-8 and AL-9. Enclosed are five copies of an update report on the status of AL-8 and AL-9 prepared by Hydro-Engineering.

The accumulated data consistently support the conclusions that there is no upward trend for constituents in the wells, and that measured constituents are at or below site background levels. Further, the accumulated data for upgradient POE well AL-6 demonstrate that to date the actual concentrations in AL-6 have been significantly lower than the predicted concentrations from the Alternate Concentration Limits modeling for the Lucky Mc site. There is no reason to believe this situation will change in the future. Consequently, the continuation of the monitoring of much further downgradient wells AL-8 and AL-9 does not provide any additional protection of human health and the environment.

Sincerely,

Tom Hardgrove  
Operations Manager

Enclosure

Cc: Blair Spitzberg, USNRC Region IV  
Hydro-Engineering w/o encl.