



PATHFINDER

August 30, 2005

Mr. Robert A. Nelson
Chief, Uranium Processing Section
Fuel Cycle Facilities Branch
Division of Fuel Cycle Safety and Safeguards
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
11545 Rockville Pike
Rockville, Maryland 20852-2738

Re: Docket No. 40-2259, License No. SUA-672

Dear Mr. Nelson:

Condition 22 of the referenced license requires the submittal of the results of effluent and environmental monitoring in accordance with 10 CFR 40.65. This is to advise you that no effluent or environmental monitoring was done during the first and second quarters of 2005 at the Lucky Mc tailings site, consistent with amendment number 64 to the license. The ground water monitoring results for the first and second quarters, 2005, were submitted to the NRC on August 19, 2005 in a separate report pursuant to condition 60 of the license. Enclosed is the annual land use survey as required by condition 21 of the license.

Sincerely,

T. W. Hardgrove
Manager, Reclamation Operations

Enclosure

cc: J. Whitten, U.S. NRC – Region IV
D. L. Wichers

PATHFINDER MINES CORPORATION

Lucky Mc Mine
SUA-672, License Condition No. 21

Annual Land Use Survey Report
August 30, 2005

General land uses within five miles of the Lucky Mc restricted area boundary:

Land uses during 2004-2005 within five miles of the Lucky Mc restricted area boundary did not change significantly from what was reported for the previous year. The nearest (and only) full-time residence continued to be located 4.8 miles to the north-northwest of the northwest corner of the restricted area fence. Two adult individuals live full time at this ranching operation. A domestic water well is utilized at the site. Cattle have been grazing on the adjacent open range during late spring through the fall when they are typically removed for the winter.

A small bentonite mine has been permitted with the Wyoming Department of Environmental Quality approximately one mile east of the east restricted area boundary, but that operation has not been active to date.

Within the restricted area activities consisted of the final decommissioning/reclamation of the No. 4 evaporation pond, the final plugging and abandonment of all wells not required for long term monitoring, some grading work for drainage purposes in the east clay borrow, and other minor touch up work. At this point all tailings site reclamation is complete. Routine environmental monitoring activities were limited to license-required well sampling.

Aside from the one noted above, there are no other residences within five miles of the restricted area boundary. No other potable water source was utilized in the area this past year. Livestock and wildlife have utilized surface stock watering ponds which occur within five miles of the restricted area boundary. The closest pond to the restricted area, the mine runoff settling pond immediately to the east of Tailings Pond #1, was fenced during the spring, 2003 to exclude cattle from the pond and the adjacent reclamation. There is a new stock watering well located just east of Reid Draw some two miles north of the north end of the restricted area.

No uranium mining occurred during the past year in the Gas Hills. Utilizing a contractor, Pathfinder accomplished various mine reclamation projects primarily relating to channel repair/construction during the summer of 2005. A contractor to the State of Wyoming also worked on an Abandoned Mine Lands reclamation project in the Central Gas Hills, reclaiming the primary access road to the Lucky Mc mine site, located south of the mill/tailings site.

The primary recreational use of the subject area continued to be the sport hunting of antelope, deer, and sage hens during the fall months, and cottontail rabbits and coyotes from fall through winter.