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August 26, 2014

Deputy Director, Decommissioning and Uranium Recovery Licensing Directorate  
Division of Waste Management and Environmental Protection  
Office of Federal and State Materials and Environmental Management Programs  
Mailstop T8-F5  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

**Re: Docket No. 40-6622, License No. SUA-442  
Semi-Annual Effluent Report and Annual Survey of Land Use**

Dear Mr. Carter,

Since reclamation of the site is nearly complete there was no effluent monitoring pursuant to 10 CFR 40.65. Therefore, there is no data to report. The results of groundwater monitoring will be submitted in a separate report.

Pursuant to condition 21 of Source Material License SUA-442, a review of the land use status within five miles of the restricted area boundary was conducted. There were no significant changes in land or water use over the past year compared to what was described in the last survey report. Aside from the Heward Ranch noted below, there were no private residences within five miles of the site. To our knowledge, no new private or public potable water or agricultural wells were completed within five miles of the restricted area boundary (based on visual inspection and review of the State Engineer's on-line database). Activities at the Pathfinder site consisted of routine licensed 11e.(2) waste disposal in the tailings area, minor site maintenance such as road grading, minor repairs of mine reclamation, fence repairs, annual noxious weed spraying in the mine area, and ground water monitoring within both the restricted area and the adjacent mine area.

The primary agricultural use of adjacent lands was cattle and sheep grazing. The Heward Ranch, some three miles southeast of the restricted area, continued to be the nearest agricultural residence. Grazing utilization did not change appreciably from the previous year. Wildlife such as pronghorn antelope, deer, eagles (both golden and bald); fox, coyote, and elk, use the site commonly. Various other non-game species continue to utilize the habitat available in the general area.

No new nonresidential structures were built within the area of concern, and uses of existing structures did not change. There was no appreciable mineral claim staking activity in the general area on Federal land since most available areas of interest previously had been claimed.

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Limited recreational utilization of the public lands adjacent to the restricted area continued in the form of hunting, primarily during September-October. The Walker-Jenkins Pit, reclaimed by the Abandoned Mine Lands Program as a lake, remains open to public access for fishing. The lake is located south-southeast of the Pathfinder site.

The nearby Petrotomics tailings/mine site remains under the stewardship of the U.S. Department of Energy.

If you have any questions please feel free to call me at our Casper office.

Regards,

  
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President

CC: Mr. Ted Carter U.S. NRC Project Manager, via email  
Mrs. Theresa Horne, Ur-Energy