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October 1, 1988

TO: FILE

FROM: David Darby, Geologist

RE: Amendment to Ground and Surface Water Monitoring Plan, Hiawatha Mine Complex, U. S. Fuel Company, ACT/007/011-88D, Carbon County, Utah, Folder 2.

Synopsis

United States Fuel Company (U.S. Fuel Co.) proposed a modification of their surface and ground water monitoring program based on the transfer and sales of coal rights previously held by the company for mining.

In December 1985 U.S. Fuel Co. leased the northern portion of section 18 of T 15 S., R 8 E. to Plateau Mining Company. This area is located in Exhibit VII-1C (map) in the mine plan. This area encompasses the upper reaches of the north fork of the Right Fork of Miller Creek. Three springs discharge from within or above this area, (D-15-7)12dba, SP-14 and SP-1. Currently Plateau Mining Company is monitoring these springs.

In March of 1986 U.S. Fuel Co. sold a large block of coal rights that encompass their holdings below the Left Fork of Cedar Creek. This area is also shown of Exhibit VII-1C. Stations that are currently being monitored are ST-7, SP-6 and SP-8.

U.S. Fuel Co. requested to delete monitoring stations SP-6, SP-8, SP-9 and St-7 from their monitoring program, since they do not plan to mine in the vicinity of these sites or intercept flow which supplies these sites.

Analysis

A review was conducted to evaluate the necessity of these monitoring sites to the proposed mining area. It is determined that these monitoring sites are not necessary and will not reflect the hydrologic regime of the new mining area as proposed.

Recommendations

U.S. Fuel Company may delete monitoring sites SP-1, SP-6, SP-8, SP-9, SP-14 and St-7 from their water monitoring program.

For the remainder of the water monirtoring sites, U.S. Fuel Company should implement the water monitoring changes established by Thomas Munson and myself as outlined in the Amendment Deficiency letter submitted to U.S Fuel Company on August 18, 1988.

dwd
cc: S. Linner
R. Summers

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