

July 11, 1985

TO: Coal File, Inspection and Enforcement Folder

FROM: Sandy Pruitt, Mining Field Specialist *SP*

RE: Skyline Mine, Utah Fuel Company, ACT/007/005, Folder #7,
Carbon County, Utah

DATE: June 19, 1985
June 20, 1985

TIME: 10:00 a.m. - 4:00 p.m.
10:00 a.m. - 4:00 p.m.

WEATHER: Fair, hot

COMPANY OFFICIAL: June 19, 1985: Keith Zobell, Keith Welch,
Glen Zumwalt
June 20, 1985: Keith Zobell

STATE OFFICIAL: June 19, 1985: Sandy Pruitt, Randy Harden,
Dave Darby
June 20, 1985: Sandy Pruitt

ENFORCEMENT ACTION: None

COMPLIANCE WITH PERMANENT PERFORMANCE STANDARDSUMC 771 et al Permits

A modification to the mine identification sign letter size specifications in the 1980 MRP was granted by an approval letter dated May 30, 1985. A May 31, 1985 letter from the Division of Oil, Gas and Mining (DOGGM) approved plans to extend the grounding grid at the loadout substation.

UMC 817.11 Signs & Markers

Keith Zobell presented a purchase order, dated June 18, 1985, for three smaller mine identification signs to be installed at the loadout. The large sign in place at the west entrance to the loadout yard is to be relocated to the Scofield waste rock disposal pit. Topsoil markers remain in place as required.

Keith Zobell discussed plans to relocate the perimeter markers closer to the actual disturbed area perimeter. Initially the perimeter markers were posted well above the undisturbed drainage diversions and they are not clearly visible. Keith Zobell expects that a contractor will be required to complete the extensive job and therefore it may not be initiated until 1986. He was advised to correct the perimeter delineation along the UDOT road more promptly so that the disturbed area perimeter is consistent with the perimeter delineated on Map 3-8, dated January 9, 1985, which has been acknowledged by DOGM.

The buffer zone markers which were in place above the bypass culvert inlets for the Middle and South forks of Eccles Creek had been removed some time ago, probably during flood repairs. Buffer zone

markers are required by UMC 817.11 and UMC 817.57 so NOV #1 of 2, N85-2-9-2 was warranted. A two week abatement timeframe, until July 5, 1985, was agreed upon to post the buffer markers as required.

UMC 817.21-.25 Topsoil

A contractor, Nelco, is scheduled to reinitiate mud slide repairs in the North fork drainage. The repairs include undisturbed drainage control improvements, reshaping the stockpile, and installing erosion control measures. Topsoil protection measures at the base of the stockpile are very marginal. Due to the rough surface and small depressions at the toe of the fill, runoff from the stockpile ponds at the base.

Keith Zobell proposed using the material at the base of the stockpile for berm material at other areas of the mine operation, maintaining that it was mudflow residue. Due to the design of the topsoil protection measures, all material at the base of the stockpile could be considered topsoil because the topsoil eroded off the stockpile is collected at the base.

UMC 817.41-.57 Hydrologic Balance

NOV #2 of 2, N85-2-9-2 was warranted by the poor condition of several runoff control measures. Straw bales, necessary to treat runoff from the water tanks pad, were damaged and not functional. Straw bales placed around the manhole at the base of the North fork topsoil stockpile were poorly maintained being misaligned or nearly buried with sediment and dried mud was positioned right up to the manhole with no straw barrier in between such that inadequate sediment control would be provided before disturbed area runoff is released into the bypass culvert. All undisturbed drainage diversions were inspected. Two breaches in the diversion above the loadout silos caused erosion on the cut slope which warranted enforcement action under UMC 817.45. The drop drain outlet for the undisturbed diversion above the south side of the material storage yard was apparently buried by sediments, most likely deposited during the recent flood events.

NOV #2 of 2, N85-2-9-2 was issued for the failure to provide and maintain appropriate sediment control measures to prevent, to the extent possible, additional contributions of sediment to streamflow or runoff outside the permit area and to minimize erosion, UMC 817.45, UCA 40-10-18(2)(i)(ii). The NOV lists Areas: A. Water tank area; B. Manhole at the base of the mine topsoil stockpile; C. Undisturbed drainage diversion above the loadout silos; and D. Blocked undisturbed drainage diversion above the south end of the material storage yard. The remedial action requires that appropriate sediment control measures be provided and maintained for Areas A and B and the repair and maintenance of the diversions to

minimize erosion and offsite sedimentation, to the extent possible, at Areas C and D. The abatement deadline is July 11, 1985.

The drainage diversion cited in Area C of NOV #2 of 2 is located above an unstable cutslope. A minor slide has occurred below the crest of the diversion ditch but it has not yet taken out the ditch. Keith Zobell agreed to install a ditch lining along the section of ditch above the slide to minimize infiltration. A ditch lining installed in 1982 or 83 along the section of diversion ditch above the #3 mine pad is in good condition and the slide above the mine pad has stabilized.

Drainage control around the open coal storage area on the #1 mine pad was marginal. The berm segregating disturbed area runoff from the springs and undisturbed area drainage south of the supply portal is low and the rough surface grade allows for ponding at the base of the berm. There is no positive drainage into the 24 inch drainage culvert inlets and the water pumped into the culvert under the stockpile ponds at the outlet end due to the piles of snow residue and surface grade in this area. Keith Zobell was advised to provide all necessary runoff control improvements.

Quarterly pond inspection reports were up to date. The first and second quarter inspection of the loadout sediment pond was conducted on March 25, 1985 and May 10, 1985, respectively. The inflow pipe from the railcar loadout was installed by May 10 and a collection pipe was installed for wash down water off the overhead conveyor. The second quarter inspection of the mine sediment pond was conducted on May 28, 1985. At that time the sediment level in the sediment pond was determined to be 5,346 cubic yards, or 14,335 cubic feet, in the form of deltas around each pond inlet. Utah Fuel intends to remove the accumulated sediments in the pond this summer. The sediment disposal is an unresolved problem.

Water monitoring data is tabulated quarterly, therefore only data up to March 28, 1985 was examined at the mine office. Most sites were inaccessible at that time. NPDES reports up to May, 1985 were in compliance.

Average mine discharge flows (gallons per day) were recorded as follows:

3/6/85	208,466 gpd
3/25/85	184,794 gpd
4/25/85	217,765 gpd
5/22/85	191,407 gpd

UMC 817.71-.74 Underground Development Waste and Excess Spoil

Randy Harden and Dave Darby were present during this inspection to inspect the Scofield waste rock disposal pit. Their observations are reported in a memorandum dated June 26, 1985. A letter, dated

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June 28, 1985 was sent to Utah Fuel Company requesting a modification, within 30 days, to change the operating plan so that noncombustible material is compacted over cracks or vents in the pit area resulting from the adjacent UP mine fire.

At the time of this inspection, a portion of the first lift had been compacted at the south end. Vegetation had not been removed from the pit walls as required by UMC 817.71(c). This was pointed out to Keith Zobell as a reminder before waste material is placed against the vegetated areas.

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cc: Donna Griffin
Keith Zobell
Joe Helfrich

Statistics: See Des-Bee-Dove mine memo dated July 8, 1985