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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 21, 1983

P396-996-815
CERTIFIED RETURN RECEIPT REQUESTED

Ms. Jean Semborski, Engineer
U. S. Fuel Company
Hiawatha, Utah 84527

RE: Approval of Abatement Plan
for NOV N83-4-9-2, 2 of 2
Hiawatha Complex
ACT/007/011, Folder No. 4 & 7
Carbon County, Utah

Dear Ms. Semborski:

The additional information supplied for abatement of NOV N83-4-9-2, 2 of 2 in your September 12, 1983 letter has been reviewed. Based on the information supplied by U. S. Fuel, Division approval is hereby granted for the abatement plan regarding NOV N83-4-9-2, 2 of 2. Due to the unproven performance of the railroad tie methodology proposed for energy dissipation at the culvert outlet, it is recommended that flow velocity measurements be made at the discharge point. Additionally, monthly monitoring of the effectiveness of the erosion protection provided by the ties is recommended to ensure that further erosion is prevented. Should the railroad tie configuration prove ineffective, please be aware that an alternate means of controlling the discharge in accordance with UMC 817.47 will be required.

Should any questions arise concerning this letter, please feel free to contact myself, John Whitehead or David Lof.

Sincerely,

JAMES W. SMITH, JR.
COORDINATOR OF MINED
LAND DEVELOPMENT

JWS/JJW/jvb

cc: Allen Klein, OSM
Tom Emmett, OSM
J. Whitehead, DOGM
W. Hedberg, DOGM
D. Lof, DOGM