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STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

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

February 4, 1982

Mr. Nick Temnikov
Natural Gas Corporation
4 Embarcadero, Suite 1400
San Francisco, California 94111

RE: Eureka Energy Corporation
Submission of Design
Information
ACT/007/009
Carbon County, Utah

Dear Mr. Temnikov:

The Division of Oil, Gas and Mining is currently in the technical analysis portion of the permit review process. At this time, there is some preliminary design information lacking which is causing a delay in the hydrology review. Preliminary designs must include a description of the structures and other pertinent environmental information which will be used to assess the hydrologic impact of the structures.

The following preliminary information concerning the Fish Creek and Dugout Canyon portal areas, the central administrative facilities, the coal processing plant emergency containment pond and the waste water treatment lagoons are need to expedite the TA.

1. Location and sizing of drainage areas above the sedimentation ponds, diversions and culverts. Include culvert location and sizing.
2. Cross sections of the sedimentation ponds, sewage lagoons and diversions.
3. Parameters used and results of calculations for sediment and/or waste water loads.
4. The physical characteristics of these facilities.

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5. Climatologic information used in determining runoff for a 10-year, 24-hour storm.
6. Flow rates, with direction of flow indicated on a surface drainage map and the stages and velocities of natural and disturbed drainage diversions for the 10-year, 24-hour storm.

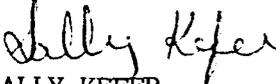
In reviewing the flood routing results for the rock and coal waste sedimentation ponds (Tables III B.8, III B.30), it appears that total suspended solid (TSS) effluent concentrations are excessive. Pursuant to UMC 817.42, sediment control measures must be instituted to meet the TSS effluent limitations as set in the NPDES permit issued for these discharges.

To achieve compliance with UMC 784.16 and UMC 784.22, either the preliminary designs or final detailed designs pertaining to the hydrologic structures must be submitted. In the event that preliminary designs are submitted, a certified statement which depicts a schedule for detailed design submission must be received by the Division before a permit can be issued.

The detailed designs must include a confirmation of preliminary design (if applicable) or submission of finalized detailed information on the same areas listed in this letter and certification by a registered professional engineer. The final detailed designs should be submitted a minimum of 120 days prior to construction. DOGM prefers these designs be submitted in one package and at the same time.

If you have any concerns regarding this letter of the 120 day advance submission deadline, please contact me.

Sincerely,


SALLY KEFER
RECLAMATION HYDROLOGIST

SK/btb