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ENGINEERS & CONTRACTORS

ROBERTS & SCHAEFER

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February 11, 1980

Mr. Dee C. Hansen
Division of Water Rights
200 Empire Building
231 East 400 South
Salt Lake City, Utah 84111

RECEIVED

FEB 13 1980

Re: Utah Power & Light Company
Sediment Ponds for Wilberg Mine

DIVISION OF
OIL, GAS & MINING

Dear Mr. Hansen:

This is in response to your letter of January 15, 1980 to Mr. Mike Thompson of the Division of Oil, Gas & Mining.

At the request of Utah Power & Light Company, we prepared a complete design, including drawings and specifications, of the storm drainage collection system and sedimentation ponds at the Wilberg Mine. For this design we employed International Engineering Company, Incorporated (IECO) of San Francisco, to act as geotechnical consultants.

In the course of their work, IECO conducted a complete foundation investigation and numerous soils analysis to determine stability characteristics and material suitability. They studied the use of five different source materials for dike construction and six different pond liner alternatives. Their final report contained design recommendations and suggested material and construction specifications. These recommendations were then incorporated into Roberts & Schaefer's construction drawings and specifications. The drawings and specifications were then reviewed and finally approved by IECO. Mr. Edwin S. Smith of IECO certified the geotechnical, dam stability and groundwater aspects of the design, being a registered professional engineer in the State of Utah and holding Certificate No. 4719.

It should be pointed out that both Utah Power & Light and Roberts & Schaefer met several times with Mr. Mike Thompson and others of the Division of Oil, Gas and Mining during the conceptual and preliminary design phases to assure that all requirements were being met.

It had been Roberts & Schaefer's intention throughout to have the final design submitted to all applicable regulatory authorities for approval. However, Utah Power & Light had made it a matter of policy for the entire project, to present submittals to regulatory authorities through its personnel, thus relieving Roberts & Schaefer of this responsibility.

In accordance with this policy, on March 7, 1979, we transmitted to Utah Power & Light our engineering report and design drawings for the sedimentation ponds and collection system. On March 28, 1979, Utah Power & Light Company notified us that Roberts & Schaefer would not be asked to supervise procurement and construction of these facilities. On April 3, 1979, we reminded Utah Power & Light Company that federal regulations required that the construction of the dikes be done under the supervision of a registered professional engineer.

On April 2nd and April 6, 1979, Utah Power & Light requested that modifications be made to our recommended design of the storm water collection system. These modifications were made and transmitted to Utah Power & Light Company April 12, 1979, together with a revised engineering report. On April 25, 1979, Utah Power & Light requested and received the original tracings of the sedimentation pond construction drawings.

Since the last above date, Roberts & Schaefer has not been asked to participate at any level with matters relating to the sedimentation ponds. We have no knowledge of the materials and methods used in their construction.

Very truly yours,
ROBERTS & SCHAEFER COMPANY
Vivian A. Butt
Chief Project Engineer

By: 
Mr. Samuel Musser

SM/jal
7704

cc: D. Dewey
J. Thomas
D. Jense
M. Thompson ✓
E.S. Smith