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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

September 20, 1982

Mr. Charles Jahne
Environmental Engineer
Sharon Steel Corporaton
19th Floor, University Club Building
136 East South Temple
Salt Lake City, UT 84111

RE: King VI Sediment Pond
Approval Letter
Hiawatha Complex
ACT/007/011
Carbon County, Utah

Dear Mr. Jahne:

Your latest drawing No. EFC-133-R8-3 received Septembr 17, 1982, has been reviewed by the Division and found to be in compliance with the UMC 817.46 regulations. The use of a 12" diameter primary discharge pipe, with its accompanying oil skimmer and trash rack, meets the approval of the Division.

It is the Division's opinion that the latest enlargement of your emergency spillway design is not necessary. Your calculations have incorrectly applied the assumption that the spillway will have to handle the entire 35 FT³/sec. flow difference between the 10 year and 25 year event. Your original design of 3 feet 6 inches should be adequate to handle the emergency discharge. The design can be left as depicted in drawing No. EFC-133-R8-2 received September 9, 1982. Our thinking is based on the fact that the redesigned primary discharge pipe will be able to handle some portion of this flow, due to the increase in head above the 12" diameter primary discharge pipe, during the 25-year storm event. Therefore, it will not be necessary to enlarge your spillway design.

Thank you for your prompt consideration in this matter and the Division hopes you will be able to complete the pond construction this year prior to any snowfall.

Sincerely,

THOMAS MUNSON
RECLAMATION HYDROLOGIST

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