

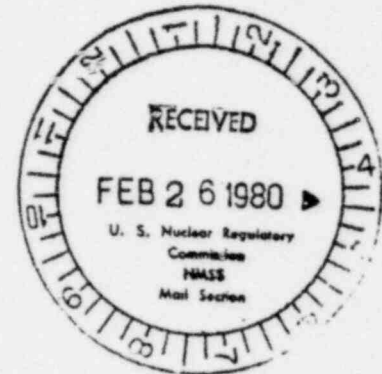
**Colorado
Department of
Health**

4210 East 11th Avenue
Denver, Colorado 80220
Phone (303) 320-8333

PDR

WM-29
Frank A. Taylor, Jr., M.D.
Executive Director

February 19, 1980



G. Wayne Kerr, Assistant Director
State Agreements Program
Office of State Programs
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Continued Review of Homestake Pitch Project

Dear Mr. Kerr:

Pursuant to Homestake's letter of January 31, 1980 (enclosed), we have ceased consideration of alternative site B for tailings disposal. As a result of a meeting February 6, 1980 with Homestake and its consultants, we now anticipate the receipt of additional engineering studies of the site A alternative as outlined in the enclosed letter of February 4, 1980, Dravo to Homestake. These studies will be reviewed as received, with June 1, 1980 set as the completion date for this phase of the project.

Mr. Rothfleisch's continued review of this project would be very much appreciated to insure that the licensed tailings facility will ultimately be fully acceptable for transfer to Federal ownership.

If we may be of further assistance at this time please contact this Division.

Sincerely,

Albert J. Hazle
Albert J. Hazle, Director
Radiation and Hazardous
Wastes Control Division

AJH:RG:ew

enclosure

cc: R. Scarano
J. Rothfleisch
G. Simchuk

15572

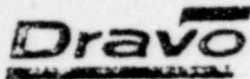
SEE EXEMPT

FEB 25 1980

Received WMUR

8008140

448 add'l info



February 4, 1980

Mr. John Ranson
Homestake Mining Company
7225 West 5th Avenue
Lakewood, Colorado 80204

Subject: Proposed Scope of Work for
Disposal of Tailings at
Site "A", Pitch Project

Dear Mr. Ranson:

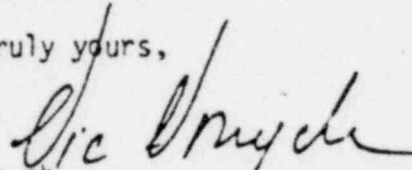
The following is Dravo's proposed Scope of Work for disposal of tailings at Site "A", Homestake Pitch Project, Gunnison, Colorado.

1. Prepare water usage and balance study to include the mine, mill and tailings reservoir.
2. Determine size of dam and volume of reservoir needed for 25 years of operation at 600 TPD based on dry density of tails determined by laboratory tests.
3. Obtain information required for dam design from consultants:
 - a. Geologic suitability of site.
 - b. Geotechnical investigation of dam foundation and materials locally available for dam construction.
 - c. Ground water study.
 - d. Geochemical investigation of dam construction materials.
4. Obtain information required for design of reservoir.
 - a. Clay liner study for permeabilities and chemical reaction with tailings liquor.
 - b. Surface hydrologic study.
 - c. Seepage study.
 - d. Determination of ground water monitoring and seepage control systems.

Mr. John Ranson
February 4, 1980
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5. Coordinate and work closely with consultants in obtaining the above information.
6. Prepare preliminary design alternates to be reviewed by Homestake Mining Company, Colorado State Health Department, State Engineer, and MLRB.
7. Coordinate with and prepare presentations for above regulatory agencies as required to discuss and to obtain early approvals of various design aspects.
8. Preparation of complete dam and reservoir design drawings for submittal to regulatory agencies.
9. Preparation of a final reclamation plan and drawings for submittal to regulatory agencies.
10. Prepare a construction estimate including construction management and a construction schedule.

Very truly yours,



Vic Vinych
Assistant Chief Civil Engineer