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April 23, 1981

Ms. Catherine Chachas  
Northwest Carbon Corporation  
315 East 200 South  
P.O. Box 1526  
Salt Lake City, Utah 84110

Re: Notice of Intention to  
Commence Coal Exploration  
Tie Fork & Crandall Canyon  
Emery County, Utah  
CEP/015/002

Dear Ms. Chachas:

Thank you for your April 14, 1981 letter regarding Northwest Carbon Corporation's proposed coal exploration operations in Emery County, Utah. The plan does not meet the requirements of Parts 776 and 815 of the Regulations promulgated under the 1979 Act, "Regulation of Coal Mining and Reclamation Operations", Title 40-10-1 et seq., Utah Code Annotated, 1953. The Division hereby requires the following information regarding the exploration plans:

Sediment control has not been addressed sufficiently in the Tie Fork Canyon. The use of a "sump" for diverting surface waters, such as drilling fluid or runoff, should be addressed more rigorously {815.15(j)(UMC 817.46)} considering the location in Tie Fork Canyon and possible additions to Huntington Creek. More data must be included regarding sizing of the "sump" and the areal disturbance of the drill site. It also appears that a pack trail will be used for access to this site and no provisions are given for widening this access route to comply with UMC 817.170-176. Permission for this should come from the U.S. Forest Service.

Why has no mention been made of drill site T-8? It is indicated on the map. Access to it will also entail enlargement of an existing trail subject to requirements previously stated.

A commitment to compliance with UMC 815.15(c)(4) must be made.

Ms. Catherine Chachas  
April 23, 1981  
Page Two

Would you provide the Division with drill hole sizes?

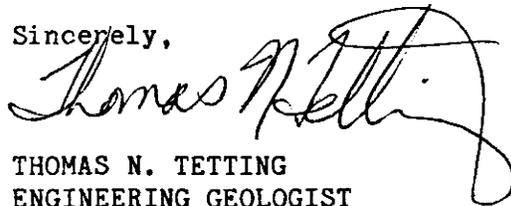
The Division will concur with seeding mixtures suggested by the U.S. Forest Service, Bureau of Land Management, or Office of Surface Mining.

Who will be present and responsible for exploration activities at the site?

Finally, referring to Item 6 of Additional Information, could you please inform your drilling personnel to keep their "harassment of wildlife species", deer, birds and especially small mammals to a minimum?

The Division will suspend review of Northwest Carbon Corporation's exploration plan until the requested information is submitted. Thank you for your cooperation. If any questions should arise please call me.

Sincerely,



THOMAS N. TETTING  
ENGINEERING GEOLOGIST

TNT/te

cc: U.S.F.S.  
Don Crane, O.S.M.  
U.S.G.S.