



COLORADO DEPARTMENT OF HEALTH

4210 EAST 11TH AVENUE DENVER, COLORADO 80220 PHONE 320-8333

November 20, 1978



Mr. Jack Martin  
Nuclear Materials Safety and Safeguards  
Fuel Processing and Fabrication Branch  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Mr. Martin:

I am enclosing two copies of the radioactive materials license application and environmental report for the Wyoming Mineral Corporation's Keota Project in Weld County, Colorado. This is a solution or in-situ mining project.

We are hereby requesting an NRC review and written comment in the following areas:

1. Liquid waste control, evaporation pond and Ca CO<sub>3</sub> tailings pond design, construction and operation (see attachment #7, pgs. 4-7<sup>3</sup> in application form OR-RH-12),
2. Radiological Impact on man and annual source term calculations for radon 222. Does the NRC concur with the applicant's conclusion that radioactivity released to the environment will be negligible and indistinguishable from natural radiological impacts?
3. Pre-operational environmental programs.
4. Method used to determine natural radon emanation from soils.
5. Well field monitoring and corrective action procedures.
6. Surface reclamation and restoration.
7. Groundwater restoration (we consider this to be the most important issue).
8. Alternatives to the proposed action.
9. Appendix E, calculation of radon releases.

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**FEE EXEMPT**

for 11/10/78  
LFG memo

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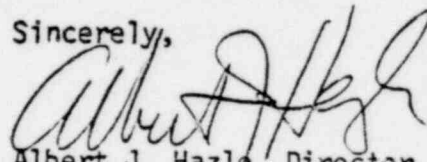
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There may be additional topics which overlap into the above areas. Reviewers should feel free to utilize any portion of the ER and application to complete the comments as requested.

If we can provide additional information please advise.

To expedite a timely review of this application we request that your written comments be submitted to this office by March 31, 1979.

Sincerely,



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

AJH:JLM:er

Enclosures

cc: G. Wayne Kerr, NRC

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