

TIC 40-8585

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Wyoming Mineral  
Corporation

April 2, 1980

GEA-80-225

3900 So. Wadsworth Blvd.  
Lakewood, Colo. 80235

A Subsidiary of  
Westinghouse Electric  
Corporation

J. J. Linehan, Section Leader  
Uranium Recovery Licensing Branch  
Division of Waste Management  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Subject: For Information Only, License No. SUA-1315, Docket No. 40-8585

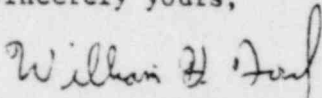
Dear Mr. Linehan:

Wyoming Mineral Corporation is currently recovering uranium values from copper leach solutions at its Bingham Canyon uranium extraction plant, Copperton, Utah. To date, the Bingham Canyon plant has dried its uranium product using a calciner. This calciner has used electricity as its heat source. However, in the very near future, this heat source will be changed from electricity to natural gas. This change will not affect the plant emissions or the health physics controls presently ongoing at the site.

For your information, attached please find letters permitting Wyoming Mineral Corporation to make this conversion, from the United States Environmental Protection Agency and from the Utah State Air Conservation Committee.

Please call me should you have any questions on this material.

Sincerely yours,



William H. Ford  
Senior Environmental Projects Engineer  
Government and Environmental Affairs

cc: G. Brown - NRC, Region IV  
C. Rutledge  
B. Zarbis  
R. Di Piazza - Westinghouse  
Nuclear Center

R. Platzke  
K. Schendel  
S. Brown

File: UT C 1.10.1/cf

~~Documents Room (8 copies)~~

WHF:ebh

Attachments

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII  
1900 LINCOLN STREET  
DENVER, COLORADO 80205

MAR 4 5 1980

REF: 8AH-A

Mr. William H. Ford  
Senior Environmental Projects Engineer  
Government and Environmental Affairs  
Wyoming Mineral Corporation  
3900 South Wadsworth Blvd.  
Lakewood, Colorado 80235

Dear Mr. Ford:

Thank you for your letter of March 7, 1980, concerning the conversion of the Bingham Canyon calciner heat source from electricity to natural gas.

Using AP-42 emission factors and the estimated natural gas consumption of  $1.62 \times 10^6$  cubic feet per year, we have calculated the emissions of particulate matter,  $SO_2$ ,  $NO_x$ , CO and hydrocarbons each to be significantly less than 1 ton per year.

It is our opinion that no Federal air quality permit is required for this planned conversion.

Please call Mr. David Joseph at (303) 837-3763 if there are any questions.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Norman A. Huey".

Norman A. Huey, Chief  
Technical Support Section

cc: Steve Jones, 8E  
Brent Bradford, Utah Bureau of Air Quality

RECEIVED

Scott M. Matheson  
Governor

STATE OF UTAH  
DEPARTMENT OF HEALTH  
DIVISION OF ENVIRONMENTAL HEALTH

150 West North Temple, P.O. Box 2500, Salt Lake City, Utah 84110

File UTC 1.2.1  
UTC 2.1.1



533-6108  
January 18, 1980

James D. Case, Director  
Room 426 801-533-6121

James O. Mason, M.D., Dr.P.H.  
Executive Director  
801-533-6111

DIVISIONS

Community Health Services  
Environmental Health  
Family Health Services  
Health Care Financing  
and Standards

OFFICES

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Health Planning and  
Policy Development  
Medical Examiner  
State Health Laboratory

Steven H. Brown  
Wyoming Mineral Corporation  
3900 South Wadsworth Blvd.  
Lakewood, CO 80235

RE: Bingham Canyon Extraction Plant;  
Conversion of Calciner Heat Source  
(Your letter dated January 9, 1980)

Dear Mr. Brown:

An air quality construction/modification permit is not required. Section 3.1.7, Utah Air Conservation Regulations, November 1979, exempts equipment using natural gas as a combustion fuel. And since the emissions from the calciner unit have already been evaluated and limitations been set, no evaluation of the unit converting to natural gas need be performed.

However, in order to maintain as accurate an emission's inventory as possible, we would require that the amount of natural gas used in the calciner unit be included with future yearly inventory information asked for each year.

Sincerely,

*Montie R. Keller*  
Montie R. Keller  
Chief, Engineering Review  
Bureau of Air Quality

jw

cc: Salt Lake City-County Health Dept.

**RECEIVED**

JAN 23 1980

Department of Health and Environmental Affairs

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