



STATE OF NEW MEXICO

ENVIRONMENTAL IMPROVEMENT DIVISION
P.O. Box 968, Santa Fe, New Mexico 87503
(505) 827-5271

Thomas E. Baca, M.P.H., Director

Bruce King
GOVERNOR

George S. Goldstein, Ph.D.
SECRETARY

Larry J. Gordon, M.S., M.P.H.
DEPUTY SECRETARY

MEMORANDUM

DATE: March 14, 1979

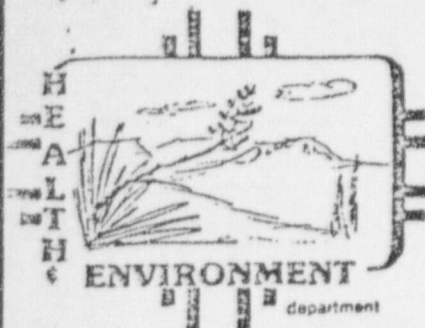
FROM: James L. Mackin, Project Manager, Mill Licensing

SUBJECT: Gulf Mineral Resources Co. Uranium Mill License Application

Enclosed for your information is a copy of the public notice of an application for Radioactive Materials License from Gulf Mineral Resources Co. for a proposed uranium mill at San Mateo, New Mexico. The notice has been recently published in several newspapers.

If you have any questions or comments regarding the license application, please submit them in written form to this office and they will be addressed during the evaluation of the application. In the interest of a timely evaluation, the receipt of your comments and question by May 15, 1979 is requested.

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PDR ADOCK 04008908
C PDR



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PUBLIC NOTICE

The Health and Environment Department's Environmental Improvement Division has received an application for a Radioactive Material License from Gulf Mineral Resources Co., 1720 South Bellaire St., Denver, Colorado 80222, for a proposed uranium mill to be located at San Mateo, New Mexico.

During the early part of the evaluation period, the Division will invite several state and federal agencies as well as other interested parties to review and comment upon the application. Various sections within the EID will review and comment upon the application. The EID may, at its discretion, retain consultants to assist it in its evaluation of the application. Relevant comments and questions received by the EID from various agencies and interested parties will be forwarded to the applicant for its response. Correspondence associated with the application will be on file with the Radiation Protection Section and will be available for inspection by the applicant and any other interested parties.

The Division has required the company to provide complete plans and other materials concerning, among other things, the public health, safety and environmental aspects of the proposed activity.

The license application will be analyzed carefully by the Division. During this analysis, the application will be reviewed to ensure that there are no deficiencies, that the application meets all applicable requirements and that there is no reason to believe that the mill operation will violate any laws or regulations. If the Division is so satisfied, it will issue a Radioactive Materials License, to expire in five years from the date of issuance.

The activities of all licensees are inspected periodically to assure compliance with regulations and license conditions.

The application is available for review at the following locations:

Santa Fe:

- (1) EID Central Office, Radiation Protection Section, Crown Building
725 St. Michael's Drive. Hrs: Mon-Fri. 8:00 a.m. - 5:00 p.m.

Albuquerque:

- (1) EID Region 1 Office, 4159 Montgomery Boulevard, N.E. Hrs: Mon-Fri.
8:00 a.m. - 5:00 p.m.

Grants:

- (1) EID Region 1 Office, 708 Uranium Avenue, Milan, New Mexico.
Hrs.: Mon-Fri 8:00 a.m. - 5:00 p.m.

It is anticipated that the review period will required about six to eight months. Written comments and requests for public hearing will be accepted after publication of this notice.

Written comments regarding this license application should be directed to Licensing Staff, Radiation Protection Section, Environmental Improvement Division, P.O. Box 968, Santa Fe, New Mexico 87503.

District Engineer
USA Engineer
District Los Angeles
P.O. Box 2711
Los Angeles, Calif. 90053

Harold Tso
Env. Protection Commission
Public Health Service
Navajo Nation
Window Rock, Arizona 86515

Dr. Marvin H. Wilkening
NM Institute of Mining
& Technology
Socorro, NM 87801

AJ. Forsyth
NRDC
P.O. Drawer 65
Pecos, NM 87552

Henry D. May
Air & Hazardous Material Div.
U.S. EPA Region VI
1201 Elm Street
Dallas, TX 75270

U.S. Environmental Protection
Agency
401 M. Street, S.W.
Washington, D.C. 20460

Dr. Harold A. O'Brien
Los Alamos Scientific Labs
CNC-11 Mail Stop 514
Los Alamos, NM 87544

Emery Arnold, Director
Bureau of Geology
Mining & Minerals Division
P.O. Box 2860
Santa Fe, NM 87503

Energy & Minerals Department
113 Wash. Ave., State Sec. Bldg.
P.O. Box 2770
Santa Fe, NM 87503

Anita Isenburg, Director
State Planning Division
505 Don Gasper
Santa Fe, NM 87501

Governor's Service Center
Carlsbad Municipal Building
Carlsbad, NM 88220

Governor's Service Center
107 W. Grand
Clovis, NM 88101

Governor's Service Center
Room 115, Petroleum Center Bldg.
501 Airport Drive
Farmington, NM 87401

Governor's Service Center
1st Nat'l Bank Building
Las Cruces, NM 88001

Governor's Service Center
Governor's Office
Executive Legislative Building
Santa Fe, NM 87503

Bill Bennett, Regional Manager
Environmental Improvement Div.
4159 Montgomery Blvd. N.E.
Albuquerque, NM 87109

Willie M. Chavez
1012 Santa Anita Drive
Belen, NM 87002

W. S. Eoff
200 McDevitt Place
Gallup, NM 87301

Theodore R. Montoya
Placitas, NM 87043

Silas T. Garcia
1226 Apache Avenue
Santa Fe, NM 87501

Governor's Service Center
600 2nd NW,
Plaza del Sol
Albuquerque, NM 87102

Stephen W. Kennedy
1001 West Hwy 66
Gallup, NM 87301

Richard J. Kloeppel
Box 187
Bernalillo, NM 87004

Fred Luna
1651 Los Lentes Road, N.E.
Los Lunas, NM 87031

Walter K. Martinez
Box 10
Grants, NM 87020

Louis J. Romero
505 W. Mesa
Gallup, NM 87301

Henry Saavedra
2834 2nd Street S.W.
Albuquerque, NM 87101

Central Clearinghouse
338 E. DeVargas
Santa Fe, NM 87501

Grove Burnett, Attorney
136 Grant Ave.
Santa Fe, NM 87501

NM Citizens for Clean Air
and Water
113 Monte Ray Drive N.
Los Alamos, NM 87544

Arthur W. Zimmerman
State Director
Bureau of Land Management
P.O. Box 1449
Santa Fe, NM 87501

Sierra Club, Rio Grande Chp.
338 E. DeVargas
Santa Fe, NM 87501

John Salvo
Commerce & Industry Department
Bataan Memorial Building
Santa Fe, NM 87503

S. E. Reynolds
State Engineer, Room 101
Bataan Memorial Building
Santa Fe, NM 87503

Raymond R. Gallegos
State Forester
Natural Resources Department
NM State Land Office, P.O. 2167
Santa Fe, NM 87503

Harold F. Olson, Director
Game & Fish Department
Villagra Building
Santa Fe, NM 87503

D. K. Simpson
Chief Const. Management Bur.
Highway Department
1120 Cerrillos Road
P.O. Box 1149
Santa Fe, NM 87503

Mr. David Hale, Chief Engineer
Interstate Stream Commission
Bataan Memorial Building
Santa Fe, NM 87503

Joe Longacre, Sr.
Bureau of Mine Inspections
2340 Menaul, N.E., Suite 106
Albuquerque, NM 87106

George Ewing, Director
Museum of New Mexico
113 Lincoln
P.O. Box 2087
Santa Fe, NM 87503

Tom Keyse, Director
Natural Resources Department
Soil & Water Conservation Div.
Room 110, Villagra Building
Santa Fe, NM 87503

William S. Huey, Secretary
Natural Resources Department
Villagra Building
Santa Fe, NM 87503

PIRG
P.O. Box 4564
Albuquerque, NM 87106

Mark Sideris, Director
Parks & Recreation Commission
141 E. DeVargas
Box 1147
Santa Fe, NM 87503

Robert Swartwout, Exec. Director
Public Service Commission
Bataan Memorial Building
Santa Fe, NM 87503

Richard P. Montoya, Chairman
Public Service Commission
Bataan Memorial Building
Santa Fe, NM 87503

G. Wayne Kerr, Chief
U.S. NRC Office of Nuclear
Material Safety and Safeguards
Agreements & Export Branch
Washington, D.C. 20555

Jeff Bingaman, Attorney General
Bataan Memorial Building
P.O. Box 2246
Santa Fe, NM 87503

David King, Director
Department of Finance & Adm.
Room 421-State Capitol
Santa Fe, NM 87503

M.J. Hassell, Regional Forester
Dept. of Agriculture
Forest Service, Reg. Office
517 Gold Avenue, S.W.
Albuquerque, NM 87106

Jon Peterson, Chief
U.S. Geological Survey
Bldg. 10002, Kirtland AFB East
Albuquerque Seismological Center
Albuquerque, NM 87103

Col. Bernard J. Roth
District Engineer
Department of the Army
P.O. Box 1580 - Corp. of Eng.
Albuquerque, NM 87103

Civil Emergency Preparedness
2600 Cerrillos Road
P.O. Box 4277
Santa Fe, NM 87501

Albert H. Schroeder, Chairman
Cultural Properties Review Comm.
State Planning Office
505 Don Gaspar
Santa Fe, NM 87503

Bill Hale
U. S. Geological Survey
Water Resources Division
P.O. Box 26659
Albuquerque, NM 87125

W.O. Nelson, Jr., Reg. Dir.
Department of Interior
Fish & Wildlife Services
P.O. Box 1306, 500 Gold S.W.
Albuquerque, NM 87103

Dr. K. Kasuga, Director
U.S. Public Health Service
Indian Health Area Office
500 Gold, S.W., Room 4005
Albuquerque, NM 87101

Donald W. Mantay
Env. Health & Engineer Function
Navajo Area Ind. Health Serv.
Box G
Window Rock, Arizona 86515

Dr. Frank Kottowski, Director
Bur. of Mines & Mineral Res.
Campus Station
NM Institute of Mining & Tech.
Socorro, NM 87801

Alex J. Armijo, Commissioner
of Public Lands
102 Land Office Building
P.O. Box 1148
Santa Fe, NM 87503

Corporation Commission
420 PERA Building
Box 1269
Santa Fe, NM 87503

Southwest Research & Info Ctr.
P.O. Box 4524
Albuquerque, NM 87106

Jeff Schomisch
Gallup Independent-Eastern Bur.
P.O. Box 744
Gallup, New Mexico 87301

Mr. Bill F. Isaacs
NM State Heritage Program
Game and Fish Department
Villagra Building
Santa Fe, NM 87503

Thomas W. Merlan
State Historic Preservation
Affairs
P.O. Box 1629
Santa Fe, NM 87503

Donald Hendricks
ORP Las Vegas Facility
U. S. Env. Protection Agency
P.O. Box 15027
Las Vegas, Nevada 89114

Cecilia R. Rosales
712 S. 2nd Street
Gallup, New Mexico 87301

Environmental Improvement Board
P.O. Box 968
Santa Fe, NM 87503

Leo C. Watchman
P.O. Box 1278
Navajo, New Mexico 87328

MEMORANDUM OF MEETING OR CONVERSATION

☒ Telephone ☐ Personal Time 3/11/79 1700 Date 3/11/79

Originating Party

Other Parties

Bill Rogers, GulfJim Mackin, RPS

Subject

Dates for meetings on WQ and Tailings Mgt.

Discussion

- ① Would like to have mtg on Water Discharge Plan held on 15, 16 or 19 (preference is in reverse order)
- ② Also suggested 27th as a possible date for Tailings Mgt. mtg with NRC (Heard R. Searns would be here for a Babcock mtg).
- ③ Please call Bill's Secy. (Nancy?) with confirmation.

Conclusions or Agreements

- ① Checked Bruce Callahan's calendar and noted he has Gulf at 10:30 am on the 19th. Put a note on his desk confirming Bruce out in until Wed. 3/14.
- ② Talked to Steve Manger about the 20th - he still has not received Gulf's responses to last set of questions. Would meet, however, if useful and management agrees
- ③ Called Nancy Willis (Bill's Secy) on ① info on WQ meeting. Bill is staying at

Distribution

Signed

The Mayflower (202) 347-3000.



STATE OF NEW MEXICO

P. O. Box 968
Santa Fe, New Mexico 87503

March 5, 1979

Bruce King
GOVERNOR

GEORGE S. GOLDSTEIN, Ph.D.
SECRETARY FOR HEALTH & ENVIRONMENT

FOR IMMEDIATE RELEASE

Contact: Doug Barber
827-5271, Ext. 260

3/5/79

SANTA FE --- The Health and Environment Department's Environmental Improvement Division has received an application for a Radioactive Material License from Gulf Mineral Resources Company, 1720 South Bellaire Street, Denver, Colorado, 80222, for a proposed uranium mill to be located at San Mateo, New Mexico.

The mill is to be located 30 miles north of Grants, near San Mateo, approximately 3 miles north of Gulf's Mt. Taylor Mine.

Using a conventional acid leach, thickener and solvent extraction, Gulf proposes to pipe the mill waste to their proposed tailings pond located six miles north of the mill in La Polvadera Canyon. They intend to ship the product (yellow cake U_3O_8) out of state to various locations by truck. Gulf states it's intention of commencing operation of the mill by late 1981.

Employment is anticipated to be 500 workers during the construction period, and reduced to 125 workers during the operation of the mill, which is expected to produce as much as 25,000 pounds per day of U_3O_8 when it reaches full production in 1985.

-more-

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Albuquerque

- (1) EID District 1 Office, 4159 Montgomery Blvd., NE, Hrs: Mon-Fri.
8:00 a.m. - 5:00 p.m.

Grants:

(1) EID District I Office, 708 Uranium Avenue, Milan, New Mexico.

Hrs: Mon-Fri. 8:00 a.m. - 5:00 p.m.

It is anticipated that the review period will require about ten months. Written comments and requests for public hearing will be accepted for 60 days after publication of this notice.

Written comments regarding this license application should be directed to Licensing Staff, Radiation Protection Section, Environmental Improvement Division, P. O. Box 968, Santa Fe, New Mexico, 87503.

3/2/79

Bruce -

Another question from Gulf. This one concerns land ownership and the extent (total area) to which the applicant must give evidence of ownership.

I think our proposed reg. at 3-300 J is quite specific in requiring ownership of " --- any land, ---, used for the disposal of the tailings or wastes ---." To me that would mean only the land surface on which the tailings reside, and not necessarily the surrounding land.

On the other hand, as a matter of prudence, we want them to control, during the active operational period, a buffer zone of about $\frac{1}{2}$ mile around the tailings site.

The bottom line of all this then is how much land will we require to be owned at the time of licensing?

I would suggest that ownership of the tailings site would be sufficient for the granting of the license but that we would also want them to at least have a long term lease on the surrounding buffer zone.

Would appreciate your views.

Jim Mackin

Bruce agrees ownership should be only for tailings area.

3/1/79

Sam Adelo 3/1/79
Bruce Garber 3/2/79
Steve Menger 3/2/79

(See Bill's memo previous)

1. Fact sheet will be prepared by Gulf. Will show to me as a courtesy. Mainly leave this to Gulf as they please.
2. 10 month matter. Will have lawyers discuss. Saw Bruce G. on 3/2. He feels not important - leave it at is. Ted feels the same way.
3. Suggest we keep at WQ Permit for 14 to 15. Talked to Steve Menger - had not received Amendment as yet. Probably could come, however, if Ted and Ross concurred on the need.
4. No action required.
5. Will set up our own schedule.
6. Have routed a note to Bruce Garber for an opinion. Later saw Bruce - agrees ownership of tailings area sufficient.

Called above info to Karin on 3/2/79 (Bill in meetings).

On Item 6 Bill might consider a letter to us requesting opinion.

Bill Rogers 3/1/79

Generally discuss some ideas

1. Fact sheet - Matter of preparing brief summary of project - use for news releases - Sam Adelo 988-8905 (Juanita)
2. Matter of 10 months in Public Notice - Why not leave out or shorten? If that not possible can we modify
3. Like to schedule meeting with WA people on discharge plan (draft). I suggested why not tie in NRC 14 to 15 Tentative
4. Washington D.C. man - Has made contacts on Hill. Feedback was that Gulf (Phil Morton) thought Bill was fine - no problem. Turns out this was not true. Bill talked to R. Sciarano to straighten out.
5. State of New Mexico - # EIO Guidelines - Table of Events Effluent Control, State Engineer - check this. Told Bill we are not specifically using.
6. Gulf - land ownership. Does that provision require just tailings area or does it also have to include $\approx 1/2$ mile exclusion (sic) area.