

UNC MINING AND MILLING SERVICES, INC.

40-8602

REGULATORY OPERATIONS
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A UNC RESOURCES Company

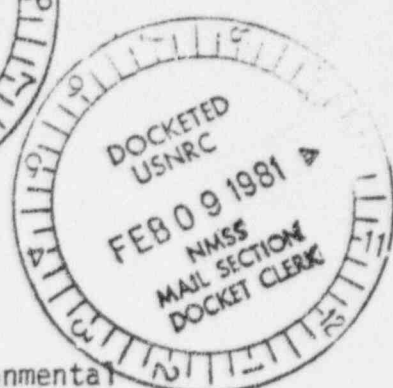
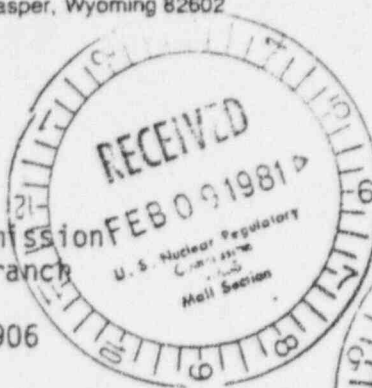
P. O. Box 2996
Casper, Wyoming 82602

Telephone 307/358-5112

January 29, 1981

CERTIFIED MAIL NO. 314783

U. S. Nuclear Regulatory Commission
Uranium Recovery Licensing Branch
7915 Eastern Avenue
Silver Springs, Maryland 20906



Attn: Mr. R. A. Scarano

Docket No.: 40-8602
Source Material License SUA-1356

RE: Pre-Operational Radiological Environmental
Monitoring Program, April 1980 through
December 1980

Gentlemen:

Enclosed herewith is the Morton Ranch Pre-Operational Radiological
Environmental Monitoring Report for the period of April, 1980
through December, 1980 which incorporates the following data:

Air -

- 1) Hi Volume air particulate data for the period April, 1980 through December, 1980.
- 2) Low Volume air samplers operational data for the period April, 1980 through December, 1980.
- 3) Radiological analyses of quarterly composited air filters for the period April, 1980 through September, 1980.

Radon-222

Results of Rn-222 monitoring data for the period July, 1980 through December, 1980.

Meteorological Data

Tabulated hourly wind speed and direction for the period April, 1980 through December, 1980.

Ground Water

- 1) Quarterly radiological and chemical analyses of collected water samples from monitor wells for the period July, 1980 through December, 1980.
- 2) Quarterly radiological and chemical analyses of collected water samples from water wells for the period July, 1980 through December, 1980.



Surface Water

Radiological and chemical analyses of collected water samples following a precipitation event for the period June, 1980 through December, 1980.

Gamma-Dose

Results of gamma-dose surveys conducted at the air sampler sites for the period April, 1980 through December, 1980.

Sediment

Radiological analyses of sediment samples collected at the surface water sites for the period April, 1980 through December, 1980.

Vegetation

Radiological analyses of vegetation samples, three times during grazing season, collected at the Hi Volume air sampler sites.

Soil

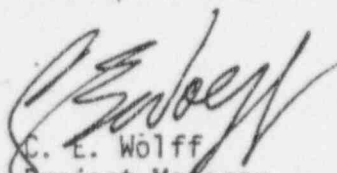
Radiological analyses of surface soil samples collected at the Hi and Low Volume air sampler sites.

Calibration Data

Hi and Low Volume air sampler calibration data for the period April, 1980 through December, 1980.

Please advise if further information is desired.

Very truly yours,


C. E. Wolff
Project Manager
Morton Ranch

CEW/ASC/mec

Enclosures (10)

cc:- A. W. Woods

A. S. Chater (3)

-R. L. Morley

R. J. Mullin

S. J. Nixon

J. Kotsch

M. R. Central

Document Management Branch-NRC

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