

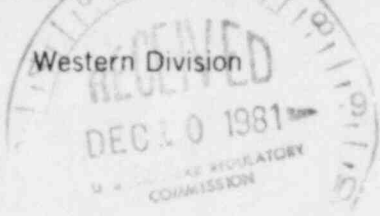
40-8200

PDR
Return to
D. Cramer
396-55



Cleveland-Cliffs

Helping develop earth's resources to meet the world's needs.



300 Country Club Road
P.O. Box 3140, Casper, WY 82602
Phone: 307 - 234-9133

- R. M. DeGabriele, General Manager, Western Operations
- R. M. Tuttle, Manager, Uranium
- R. W. Riedel, Assistant to the General Manager
- E. D. Lindquist, Assistant Manager Special Projects

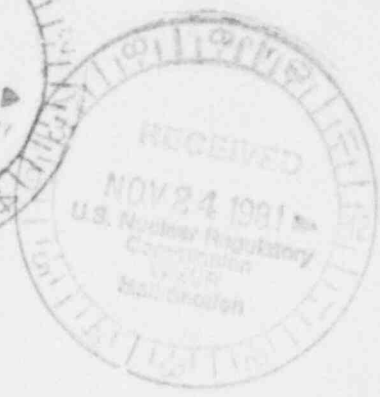
November 20, 1981

Mr. Ross A. Scarano, Chief
Uranium Recovery Licensing Branch
Division of Waste Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Mr. J. Pohle

Gentlemen:

Re: Source Material License No. SUA-1199
Docket No. 40-8200
North Rolling Pin Project



Per our telephone conversation on November 19, 1981, Cleveland-Cliffs will cement the wells used during the in situ mining and restoration project as soon as practical.

Attached are the results of the gamma radiation survey conducted at the North Rolling Pin Project site by Donald J. Wodek. For comparison, the baseline gamma radiation survey at the nearby Collins Draw Project site (Source Material License SUA-1352) averaged 0.018 m R/hr and ranged from 0.016 m R/hr to 0.023 m R/hr.

We will wait to conduct surface reclamation until the NRC has approved the surface radiation survey and, if necessary, until they have conducted a site survey. NRC review of the radiation survey as soon as practical would be appreciated.

Should you have any questions please contact me at your earliest convenience.

Sincerely,

Cleveland-Cliffs

Truman E. Louderback
Truman E. Louderback
Director of Environmental Affairs

TEL/prh

8112220537 811120
PDR ADDCK 04008200
C PDR

FREE EXEMPT 10544
info only

Attachments

xc: Region IV
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Suite 100
611 Ryan Plaza Drive
Arlington, TX 76012

THE CLEVELAND-CLIFFS IRON COMPANY

Inter - Office Letter

Casper, Wyoming

To: Truman E. Louderback
Director of Environmental Affairs

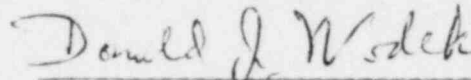
From: Donald J. Wodek
Administrator of
Health and Safety

Subject: Gamma Radiation Survey at
North Rolling Pin

Date: November 19, 1981

On November 4, 1981, I conducted a gamma radiation survey at the North Rolling Pin site. All measurements were made using a Ludlam Model 12S MicroR Meter. A copy of the certification of calibration for this instrument is included with this report. This instrument was last retested in May, 1981, at the Denver Technical Support Center in Denver, Colorado.

A map of the North Rolling Pin area is attached. No anomalies were present in the entire area. Field measurements obtained on November 4, 1981, covered the range of 0.016 mR/hr to 0.020 mR/hr with an average of 0.017 mR/hr. All readings are recorded on the attached map which also includes the readings next to the individual wells.



Donald J. Wodek

DJW:alm

Attachments

S6/TLV/Q

10544



CERTIFICATION OF CALIBRATION

TO Cleveland-Cliffs Iron Co.
P.O. Box 3140 309 N. McKinley
Casper, Wyo. 82602
(Name & Address)

INSTRUMENT model 125
SERIAL NO. 15488
TYPE OF SOURCE CS-137
SIZE OF SOURCE 150 mc

<u>Range</u>	<u>Calibration Point</u>	<u>Reading</u>
<u>X1000</u>	<u>(2000uR) 2 m/hr</u>	<u>2 m/hr</u>
<u>X1000</u>	<u>(1000uR) 1 m/hr</u>	<u>1 m/hr</u>

X100, X10, X1 Range(s) calibrated with a Ludlum Precision Pulser

pose rates of calibration sources were determined with a Victoreen Model 570 condenser R - Meter with calibration traceable to the National Bureau of Standards.

Date 9-26-80 Signature Lewis R. Chum