



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JUN 20 1980

MEMORANDUM FOR: Docket File 40-8714

LICENSEE: Cleveland Cliffs Iron Company

FACILITY: Collins Draw Site, Campbell County, Wyoming

FROM: Gregory G. Eadie, Project Manager
Uranium Recovery Licensing Branch

SUBJECT: REVIEW OF ADDITIONAL SUPPORTIVE INFORMATION TRANSMITTALS
DATED MARCH 21, 1980, AND MAY 7, 1980

Minor changes in the supportive information submitted in the application for Source Material License SUA-1352 for the uranium mining project at the Collins Draw Site in Campbell County, Wyoming were discussed in letter transmittals dated March 21, 1980, and May 7, 1980. The most significant change was an increase in the total permit area from the originally authorized twenty-three acres to 42.5 acres. Included within the 42.5 acre permit area is a "disturbed area" of 19.7 acres. This is an increase from the initially authorized disturbed area of 4.4 acres. The new disturbed area consists of the following:

1. Well Field Area	
a. Actual Well Field	1.25 acres
b. Removal of Surrounding Topsoil	<u>1.95 acres</u>
	3.20 acres
2. Process Building	0.20 acres
3. Bladder Area and Chemical Storage	1.00 acres
4. Drain Fields and Solid Waste Disposal Site	3.0 acres
5. Roads	7.00 acres
6. Topsoil Stockpile	3.80 acres
7. Sump	<u>1.50 acres</u>
Total	19.70 acres

JUN 20 1980

This disturbed area increase was due primarily to the Wyoming Department of Environmental Quality (DEQ) request that an additional 5.8 acres of disturbed area for access roads and right-of-way be included within the permit area, and to the removal and stockpiling of topsoil from various areas of the work site. However, there is no change in the original 1.25 acres of disturbed area of the actual well field which is consistent with the original license condition.

Other changes were very minor including such things as reduction of waste storage tank volume and the installation of an emergency sump in an area where leachate would collect if an accidental spill were to occur from broken lines.

Therefore, due to the nature of the mining process and to the minor scale of the operation, it is concluded that increasing the project site to forty-two and one-half (42 1/2) acres in accordance with the March 21, 1980, and May 7, 1980 submittals should be authorized. Such an amendment of the license is not deemed to be a major federal action significantly affecting the quality of the human environment. Thus, pursuant to 10 CFR part 51, Section 51.5(d)(4), an environmental impact statement, negative declaration, or an environmental appraisal need not be prepared.

Gregory G. Eadie

Gregory G. Eadie, Project Manager
Uranium Recovery Licensing Branch
Division of Waste Management

Approved by:

J. E. Rothfleisch
J. E. Rothfleisch

H. J. Miller
H. J. Miller, Section Leader

DISTRIBUTION:

Docket 40-8714

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SURNAME ►

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Original Signed By:

Gregory G. Eadie, Project Manager
Uranium Recovery Licensing Branch
Division of Waste Management

Original Signed By:

Approved by:

J. E. Rothfleisch

Original Signed By:

H. J. Miller, Section Leader

OFFICE ▶	WMUR	WMUR	WMUR			
SURNAME ▶	GGEadie	JERothfleisch	HJMiller			
DATE ▶	6/19/80	6/19/80	6/19/80			

DOCKET #

40-8200

40-8714

Attendees: Cleveland Cliffs Iron Company

MAY 9, 1980

NRC - Willste Bldg, Silver Spring, MD

G. Eadie - WMUR (301) 427-4103

J. E. Rothfleisch - WMUR

Robert W. Riedel, Manager - Uranium - Casper
Cleveland - Cliffs Casper WY

Chet McKee - Univ of Wyoming / In-situ
Press In Situ Consulting

Eric Hollister - GROUP V-P - CLEVELAND

JOHN E. LENHARD - CORPORATE ATTORNEY - CLEVELAND

Grant A Porter - Corporate Attorney -
Casper, Wyo.

Pruman E. Loderbach - Director, Environmental Affairs
Casper, WY

POCKET No. 8714 -

Cleveland Cliff - May 9th, 1980 - NRC Meeting;

1.) Need to amend license to reflect current status, as example license SOA # 1352 - conditions 10, 11 - using letter transmittals 3/21/80 and 5/7/80..

2.) Submit a modified; revised document to describe the current status; indicating reference for revision and item changed. Update original application to reflect January 16, 1979, March 21, 1980 and May 8, 1980 and provide corrected pages.

Need to identify any conditions impacting environmental ~~status~~ ~~impacts~~ and put such explanations in the application kit. All statements to be compatible with WY-DEQ correspondence.

3.) ^{Minor} Amendment request to be submitted by 16 May 1980.

80 Heltstein
5/9/80

Cleveland Cliff Iron Company

The following items were agreed upon in the meeting with WMUR on May 9, 1980:

- 1) Conduct one more sampling scheme to evaluate current status of groundwater - Ra, U, ammonia, TDS, etc., maybe other parameters, etc.
- 2) Perhaps to consider "flushing" aquifer with good water to reduce Ra, Bk, NH₃, U levels to more generally acceptable levels. This flushing would depend on results of sampling to be conducted Spring 1980.

- 3) NRC representative to be ^{notified} present when water level measurement and well sampling is being conducted. Split water sample shall be provided to NRC for independent measurement.

- 4) Will make proposal to both NRC & WY-DEQ — this proposal will define actions to be taken to evaluate gw, restore as needed, and terminate leach. Proposal will be reviewed by NRC (also WY-DEQ) and concurrence of proposed actions.

- 5) Wells to be sampled ^{to be provided in proposal} (#89, 91, 92, 96, (also 86 or 88)) — at least 3 wells — sampling to check if good water flush prior to sampling, valid to obtain sample for analysis. All data reported to indicate if casing pumped prior to sampling, or if good water flush was needed to obtain any sample. Also, all samples shall be filtered through 0.45 um membrane, soluble component (filtrate) analyzed; acidified & preserved for analysis.
A written procedure defining well sampling technique shall be provided.

- 6) Time frame for all above. Submit proposal to NRC by 30 May 1980.

1/24/80
5/9/80

potassium
muriate
5/9/80

O/A 1/80?

PSAB=33114

Docket # 40-8200
SUA # 1155

North Rolling Pl. Site
WY;

ML license expired May 31, 1979

last correspondence Oct. 26, 79 --

CC requests cancel license

No real Decommissioning plan --
current status

— limited data ? on restoration

data = 7 wells sampled 11/30/78 --

where is 68?

89 was injection or production well;

Docket # 40-8714 - Collins Draw Site
Campbell Co, WY

SUA # 1352 Expires June 30, 1984

— waste water drain field —

— asking review and approval of supportive information for
application