

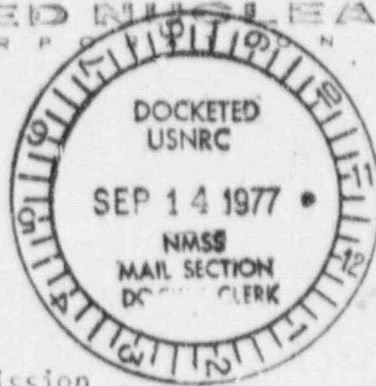
40-8602

REGULATORY FILE CY

UNITED NUCLEAR CORPORATION

September 1, 1977

CERTIFIED MAIL No. 315000
RETURN RECEIPT REQUESTED



MINING AND MILLING DIVISION
WYOMING OPERATIONS
P.O. BOX 2996
CASPER, WYOMING 82602
(307) 265-6447



U. S. Nuclear Regulatory Commission
Fuel Processing & Fabrication Branch
Division of Fuel Cycle and Material Safety
Washington, D. C. 20555

Attention: L.W. Rossbach

Re: Docket 40-8602

Gentlemen:

Please find enclosed ten copies of the following revisions to the "Application for Uranium Mill License for the Morton Ranch, Wyoming, Uranium Mill".

- Section 1.0 All
- Section 3.0 Pages 3-1, 3-2, 3-3, 3-4, 3-6 through 3-16, 3-19 through 3-23, 3-25 and 3-26
- Section 4.0 Pages 4-1, 4-2, 4-4, 4-7, 4-8 and 4-9
- Section 5.0 All
- Section 6.0 Page 6-10
- Section 7.0 Page 7-3

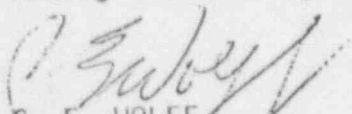
These revisions are required to adapt the license application to current mill design and radiation protection plans.

All pages have been prepared to replace those currently in the license application.

If you have questions on these revisions, please contact us.

Very truly yours,

UNITED NUCLEAR CORPORATION
Mining and Milling Division


C. E. WOLFF
Plant Superintendent
Wyoming Operations

07591

cc: A. W. Woods
L. F. Munson
R. A. Zussman (w/5 encls.
No. 314562 certified)

CEW/bls
Encls.

9707020125 770901
PDR ADDCK 04008602
C PDR

FROM United Nuclear Corp.		DATE OF DOCUMENT 09/31/77	DATE RECEIVED XXXXX 09/12/77	NO. 07591
TO L. W. Rossbach		LTR X	MEMO	REPORT
		ORIG X	CC.	OTHER
		ACTION NECESSARY <input type="checkbox"/>	CONCURRENCE <input type="checkbox"/>	DATE ANSWERED
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CLASSIF <input checked="" type="checkbox"/> U	POST OFFICE REG NO	FILE CODE 040-08602		
DESCRIPTION (Must Be Unclassified) Revisions to application for Uranium Mill for Morton Ranch		PREFERRED TO	DATE	RECEIVED BY
		Rossbach	9/14/77	
		Rouse		
		Martin		
		Scarano		
		Shafer		
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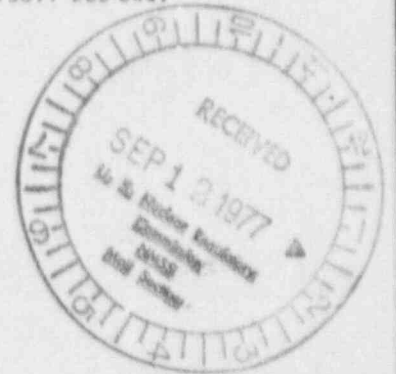
40-8602

UNITED NUCLEAR CORPORATION

REGULATORY FILE CY

MINING AND MILLING DIVISION
WYOMING OPERATIONS
P.O. BOX 2996
CASPER, WYOMING 82602
(307) 265-6447

September 9, 1977



Oak Ridge National Laboratories
P.O. Box X
Oak Ridge, Tennessee 37830

Attention: William P. Staub

Gentlemen:

We are herewith enclosing a typewritten copy of data previously forwarded to you for your information.

We are currently putting together as much information as we possibly have available as set forth in your research outline and the hydrogeologic data requirements. As soon as this information is available, it will be forwarded to you. I will be out of the office for the next several days again, but during this period we hope to be able to gather some of the information, even though it is piecemeal. As soon as it is available, we will forward the information to you in the interest of expediting this project.

In the meantime, if there is anything further we can do for you, please advise.

Very truly yours,

UNITED NUCLEAR CORPORATION
Mining and Milling Division

C. E. Wolff
C. E. WOLFF
Plant Superintendent
Wyoming Operations

CEW/bls

- cc: A. W. Woods
- C. H. Likins
- T. G. Workman
- W. P. Staub
- L. W. Rossbach
- L. Murdock

07589

NOTES FROM MEETING OF AUGUST 31, 1977

UNITED NUCLEAR

- I. 3 X Sections of 1704 Pit
 - A. Position of water table (Results of recent drilling and earlier drilling as well)
 - B. Position of Ore.
 - C. Stratigraphy - (including some deep bore holes below bottom of pit).
 - D. Location Bottom of Pit - 1704 Pit Area Map
 - E. Resistivity logs of bore holes in line of section.
- II. Plan view of outline of 1704 pit.
Schedule "B"
5' contours, location of diversion ditches and natural drains.
- III. Chemical Data
 - A. Tailings
pH + ppm list of chemical constituents
 - B. Baseline
Sandstone aquifer beyond margins of ore zone
pH + ppm list of chemical as above.
 - C. Clay Liner
 - 1) Type of clay minerals and principle exchange ions.
 - 2) Cation exchange capacity.

cc: C. E. Wolff
C. H. Likins
A. W. Woods
T. G. Workman
W. P. Staub
L. W. Rossbach
L. Murdock

07589

FROM United Nuclear Corporation		DATE OF DOCUMENT 09/09/77	DATE RECEIVED 09/12	NO 07589
		LTR <input checked="" type="checkbox"/>	MEMO	REPORT
		ORIG. <input checked="" type="checkbox"/>	CC	OTHER
TO Oak Ridge National Laboratories		ACTION NECESSARY <input type="checkbox"/>		CONCURRENCE <input type="checkbox"/>
		NO ACTION NECESSARY <input type="checkbox"/>		COMMENT <input type="checkbox"/>
CLASSIF U		POST OFFICE		DATE ANSWERED
REG NO.		FILE CODE 040-08602		BY
DESCRIPTION (Must Be Unclassified)		REFERRED TO	DATE	RECEIVED BY
Putting inform. together as set forth in research outling and the hydrogeologic data requirements		Reg file cy	9/14/77	
		Rosebach		
		Scarano		
ENCLOSURES		Rouse		
Typewritten copy of data previously forwarded		Martin		
				07589
REMARKS				
1 cy rec.				