

UNITED NUCLEAR CORPORATION



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March 20, 2000

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Branch Chief
US Nuclear Regulatory Commission
Uranium Recovery and Low-Level Waste Branch
Division of Waste Management
Office of Nuclear Material Safety and Safeguards
(MST-7JP)
Washington, DC 20555

40-8907

Re: License No. SUA-1475
Condition No. 31

Dear Sir:

In compliance with our NRC Radioactive Material License No. SUA-1475,
Condition No. 31, the attached Annual Land Use Survey Report is presented.

Sincerely,

A handwritten signature in black ink, appearing to read "Larry Bush", written over a large, stylized flourish or scribble.

Larry Bush
Manager

LB:r

CC: NRC, Region IV, Arlington, TX
Steve Cline, GE
Roy Blickwedel, GE

4/15/01 Public

ANNUAL LAND USE SURVEY REPORT

UNITED NUCLEAR CORPORATION

LICENSE SUA-1475

CONDITION NO. 31

MARCH 20, 2000

SURVEY OF LAND OWNERSHIP AND USE WITHIN TWO MILES OF MILL SITE

United Nuclear Corporation
License No. SUA-1475
Condition No. 31

1.0 Introduction

This report has been prepared pursuant to License condition 31 of United Nuclear Corporation's License No. SUA-1475. The information submitted in this report was acquired from the master title plat published by the Bureau of Land Management. The surface ownership records are maintained by United Nuclear Corporation. The map is a copy of the USGS Quadrangle of Hardground Flats, Oak Springs, and Churchrock; the photo was revised in 1979. The land use survey was performed by United Nuclear Corporation's Radiation Safety Officer.

2.0 Ownership and Use

Reference the enclosed map for location in regards to mill site.

| <u>Area</u> | <u>Owner</u> | <u>Usage</u> |
|-------------|---------------------|---|
| Section 1 | Navajo Tribe | Grazing |
| Section 2* | United Nuclear | Mill & Tailings site plus one employee homesite |
| Section 3 | Navajo Tribe | Grazing |
| Section 4 | Indian Allotted | Grazing |
| Section 6 | Indian Allotted | Grazing |
| Section 9 | Navajo Tribe | Grazing |
| Section 10 | Indian Allotted | Grazing plus twelve homesites |
| Section 11 | Navajo Tribe | Grazing |
| Section 12 | BLM, A, Etah, Etal. | Grazing |
| Section 13 | Navajo Tribe | Grazing |
| Section 14 | Indian Allotted | Grazing |
| Section 15 | Navajo Tribe | Grazing |

*Additional note for Sec. 2:

The mill has been decommissioned and the site has been cleaned to meet releasable standards for unrestricted use. The tailings area has been reclaimed and interim cover placement was completed in 1991. Final cover including drainage was completed on one-third of the tailings area in 1993, and the second one-third was completed in 1994. Final cover of the last one-third of the tailings area was completed in 1995. Construction of drainage swales and channels to carry surface water away from tailings site was completed in 1996. Final radon emanation testing was performed in September 25, 1996. And the subsequent test result was reported in the "Report on Radon Emanation Testing of Final Radon Cover Over UNC's Church Rock Tailings Site, "Docket No. 40-80907 submitted on January 3, 1997.

| <u>Area</u> | <u>Owner</u> | <u>Usage</u> |
|---------------------------------------|--------------------|--|
| Section 33 | Navajo Tribe | Grazing |
| Section 34 | BLM | Grazing. United Nuclear Corporation has 4 patented and 6 unpatented claims on this section. |
| Section 35 | Navajo Tribe | Grazing. United Nuclear Corporation reclaimed Northeast Churchrock Mine Sites are located on this section. |
| Section 36 | United Nuclear | Unauthorized grazing. Quivira Mining's decommissioned administration offices are located on this section. |
| Map Northern Portion of 2-mile radius | Navajo Reservation | Gazing, plus 21 homesites. Quivira's reclaimed Churchrock Mine is located on on this area. |
| Section 31 | Indian Allotted | Grazing |

3.0 Wells, Use and Location

| <u>Well</u> | <u>Use</u> | <u>Location</u> | <u>Formation</u> |
|----------------|------------------------|--------------------------|-------------------------|
| United Nuclear | Drinking | Section 2-Mill Site | Westwater |
| Circle Wash | Livestock | Section 14 | Alluvium |
| Abandoned | No known Use | Section 11 | Alluvium |
| J.E. Soper #1 | No known Use | Section 1 | Two Wells-Member Mancos |
| BLM - 2 | Monitor | Section 12 | Alluvium |
| 14T-586 | Domestic/ Livestock | N.I.R. N. Part of Map | Lower Gallup |

Significant changes or events which took place since the 1999 Land Use Report

1. Fence line construction by UNC personnel or contractor was completed in December, 1999. This fenceline started from the NE corner of Sec. 2 to the SE corner of Sec. 36 and ended or joined the existing fenceline at the NE corner of Sec. 36. And the main objective of this project was to prevent or alleviate the past and present problem of monitoring well damage caused by livestock on Sec. 36.
2. As of 8/5/99 on Sec. 2 and 36, total of fourteen seepage collection system wells producing less than 1 GPM were shutdown pursuant to an NRC and EPA mutual agreement. And six wells are presently still active on Sec. 2.

3. Approximate total of 178 inactive test or monitor wells were plugged and capped on UNC property (Sec. 2 and 36) and Navajo Reservation areas (Sec. 3 and 35) during October to November, 1999.

