

# UNITED NUCLEAR CORPORATION



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March 22, 2001

**CERTIFIED MAIL-RETURN RECEIPT REQUESTED**

40-8907

Philip Ting, Branch Chief  
US Nuclear Regulatory Commission  
Fuel Cycle Safety & Safeguards  
Fuel Cycle Licensing Branch  
Uranium Recovery Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
And Safeguards  
Mail Stop T-8A33  
Washington, DC 20555-0001

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

Dear Mr. Ting:

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 horizontal line.

Larry Bush  
Manager

LB:r

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

umssolpublic

**ANNUAL LAND USE SURVEY REPORT**

**UNITED NUCLEAR CORPORATION**

**LICENSE SUA-1475**

**CONDITION NO. 31**

**MARCH 22, 2001**

# 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 22 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	Domestic	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 2000 Land Use Report

1. Homesites increased in the Northern portion of the map from 21 to 22.
2. As of 12/29/00 (three Zone 3 extraction wells on Sec. 36) and 1/8/01 (three SWA extraction wells on Sec. 2); pumping activity, as part of the seepage collection system has ceased temporarily. And, as determined by the regulatory agencies (i.e. NRC, EPA, and NMED); a future decision on remedial actions will be made after 12-18 months of sampling to determine the ground water concentration trends in the affected areas.



131,000 FEET R. 15 W. 30' 27.5'

NOTE: TOTAL = (35) HABITABLE OR HOUSING OR HOME SITES

R. 15 W. 1728

13 NAVAJO TRIBE

R. 15 W. 145

14 INDIAN ALLOTTED

R. 15 W. 145

15 NAVAJO TRIBE

Church Rock Mine