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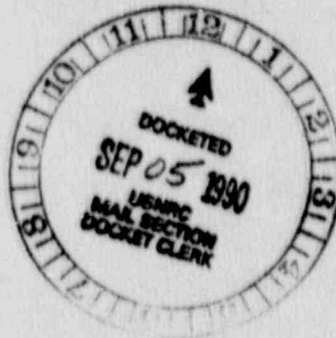
URANIUM RESOURCES, INC.

40-8786

RETURN ORIGINAL TO PDR, HQ.

August 29, 1990

Mr. Ramon Hall, Director
Uranium Recovery Field Office
U.S. Nuclear Regulatory Commission
P.O. Box 25325, Region IV
Denver, Colorado 80225



Dear Mr. Hall:

This letter will serve as an update of the reclamation activities which have been conducted to date at the North Platte project.

The water in the west pond has been treated with ammonium sulfate fertilizer to increase sulfate concentrations. As shown on the attached analysis, sulfate was successfully elevated to 298 ppm and uranium was reduced to 2.2 ppm, presumably from the elemental sulfur in the fertilizer which acted as a reductant. The pond was then treated two times with dissolved barium chloride using a fertilizer sprayer. The first application consisted of 100 pounds of barium chloride in 200 gallons of water, and the second consisted of 50 pounds in 200 gallons of water. As can be seen on the attached radium analysis, the barium treatment RA-226 to 22 pC/l.

During the past month, the east pond was drained and the sludge on the bottom of the ponds was removed and placed in 55-gallon drums. The water in the west pond was then transferred to the east pond and the material in the west pond will be removed when sufficiently dried. The drums will be disposed of at a tailings facility.

Numerous surveys of scrap materials have been conducted at the project. Those items which meet release standards will be disposed of in a landfill within approximately one month. Gary Konwinski has been notified of this by telephone in case the Commission wishes to visit the site and verify that these materials meet release standards. Those items which do not meet release standards will be either disposed of in a tailings facility or shipped to one of URI's facilities in south Texas to be reused.

As a result of your recent letter notifying URI of contaminated insulation in the precipitation room, URI has drummed all of the insulation in that area of the plant and will dispose of it at a tailings facility. Also a comprehensive sampling of the wood framing which was around the insulation was conducted. Core samples of the wood were taken at various locations along the toeboard of the wall and six and twelve inches above the toeboard. As shown on the attached report, some uranium is within the toeboard, however, it is well

DESIGNATED ORIGINAL

Certified By Mary C. Hood

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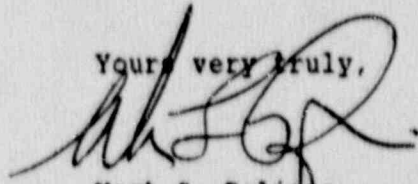
Letter to Mr. R. Hall
August 29, 1990
Page Two

below the 500 ppm exempt concentration for source material. Radium is well below the 5 pC/l. average limit for soil. Also, note that significant uranium and radium are present only in the toeplate and quickly reduces six inches from the floor. As shown on the attached report, fixed and removable alpha surveys taken at 18 inch intervals indicate that NRC release standards have been met.- Therefore, with NRC concurrence, URI intends to release this building to the landowner as has been planned.

URI will continue the final closure at the facility with the goal of finishing this fall.

Please feel free to contact me with any questions pertaining to the North Platte project.

Yours very truly,



Mark S. Pelizza
Environmental Manager

MSP/dlg
Encl.



CORE LABORATORIES

A N A L Y T I C A L R E P O R T

902369

FOR

URANIUM RESOURCES
MARK PALIZZA
12377 MERIT DRIVE, SUITE 750
DALLAS, TX 75251

08/08/90



CORE LABORATORIES

FINAL REPORT DISTRIBUTION 08/08/90

JOB NUMBER: 902369

COMPANY NAME	COMPANY MAILING ADDRESS	COMPANY CITY	STATE	COMPANY ZIP CODE
URANIUM RESOURCES MARK PALIZZA	1777 MERIT DRIVE, SUITE 750	DALLAS	TX	75251



CORE LABORATORIES

LABORATORY TESTS RESULTS

08/08/90

JOB NUMBER: 902369

CUSTOMER: URANIUM RESOURCES

ATTN: MARK PALIZZA

CLIENT I.D.: DISCHARGE POND SAMPLING
 DATE SAMPLED: 08/01/90
 TIME SAMPLED: 00:00
 WORK DESCRIPTION: SAMPLE #1

LABORATORY I.D.: 902369-0001
 DATE RECEIVED: 08/01/90
 TIME RECEIVED: 11:05
 REMARKS:

TEST DESCRIPTION	FINAL RESULT	DETECTON LIMITS	UNITS OF MEASURE	TEST METHOD	DATE	TECHNICIAN
pH	6.85	0	pH units	150.1 (1)	08/01/90	JL
Sulfate (SO4), total	298	5	mg/l		08/01/90	JL
Uranium (U), total	0.030	0.001	mg/l		08/08/90	PLJ

APPROVED BY: _____

420 West 1st Street
 Casper, WY 82601
 (307) 235-5741



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QUALITY ASSURANCE REPORT 08/08/90

JOB NUMBER: 902369

CUSTOMER: URANIUM RESOURCES

ATTN: MARK PALIZZA

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (A-B)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER: Sulfate (SO ₄), total			DATE/TIME ANALYZED: 08/01/90 11:12			QC BATCH NUMBER: 105530				
DETECTION LIMIT: 5 UNITS: mg/l			METHOD REFERENCE :			TECHNICIAN: JL				
PARAMETER: pH			DATE/TIME ANALYZED: 08/01/90 11:12			QC BATCH NUMBER: 105531				
DETECTION LIMIT: 0 UNITS: pH units			METHOD REFERENCE : 150.1 (1)			TECHNICIAN: JL				
PARAMETER: Uranium (U), total			DATE/TIME ANALYZED: 08/08/90 14:57			QC BATCH NUMBER: 105684				
DETECTION LIMIT: 0.001 UNITS: mg/l			METHOD REFERENCE :			TECHNICIAN: PLJ				
DUPLICATE	prep	902369-1	0.031	0.030	3.28					

420 West 1st Street
Casper, WY 82601
(307) 235-5741

APPROVED BY: _____

PAGE: 1

NC = Not Calculable due to values lower than the detection limit

Quality Control Acceptance Criteria:

- Blanks..... Analyzed Value less than or equal to the Detection Limit
- Reference Standards: 100 +/- 10 Percent Recovery
- Duplicates..... 20% Relative Percent Difference, or +/- the Detection Limit
- Spikes..... 100 +/- 25 Percent Recovery

- (1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
- (2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, November 1986
- (3) Standards Methods for the Examination of Water and Wastewater, 16th, 1985
- (4) EPA/600/4-80-032, Prescribed Procedures for Measurement of Radioactivity in Drinking Water, August 1980
- (5) Federal Register, Friday, October 26, 1984 (40 CFR Part 136)
- (6) EPA 600/B-78-017, Microbiological Methods for Monitoring the Environment, December 1978

NOTE - Data reported in QA report may differ from values on data page due to dilution of sample into analytical ranges.

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URANIUM RESOURCES INC.
 NORTH PLATTE PROJECT
 MOOD SAMPLES - PRECIPITATION ROOM SOUTH WALL

IDENTIFICATION	URANIUM PPM	RADIUM PCI/G
TOEBOARD - NORTH END OF WALL	86	1.71
TOEBOARD - CENTER OF WALL	132	0.78
TOEBOARD - SOUTH END OF WALL	132	0.81
TOEBOARD - ABOVE SUMP	126	3.93
CENTER OF WALL - 6 IN. HIGH	0.51	0.05
CENTER OF WALL - 12 IN. HIGH	0.04	0.07
AVERAGE	79.425	1.225

FIXED ALPHA SURVEY - TOEBOARD - PRECIPITATION ROOM SOUTH WALL

IDENTIFICATION	DPM/100CM2	INSTRUMENT IDENTIFICATION
1	713	EBERLINE PRS-2, SN 329
2	1097	EBERLINE AC-3, SN 045608
3	877	E = 9%
4	384	CALIBRATED -
5	202	
6	366	
7	219	
8	585	
9	512	
10	512	
11	1097	
12	530	
13	494	
14	548	
15	1061	
AVERAGE	613.1333333	NRC LIMIT - 5000 DPM

REMOVABLE ALPHA SURVEY - PRECIPITATION ROOM - SOUTH WALL TOEBOARD

IDENTIFICATION	DPM/100CM2	INSTRUMENT IDENTIFICATION
1	26	EBERLINE PRS-2, SN 329
2	33	EBERLINE SPA-1, SN 41331
3	22	E = 18%
4	17	CALIBRATED -
5	11	
6	11	
7	6	
8	6	
9	22	
10	17	
11	17	
12	17	
13	26	
14	22	
15	6	
AVERAGE	17.26666667	NRC LIMIT - 1000 DPM