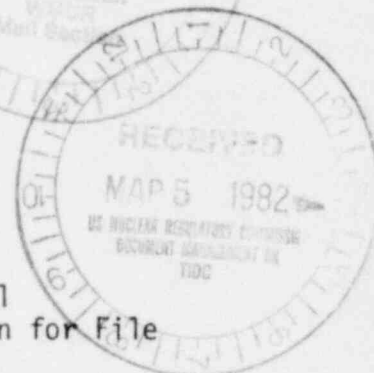
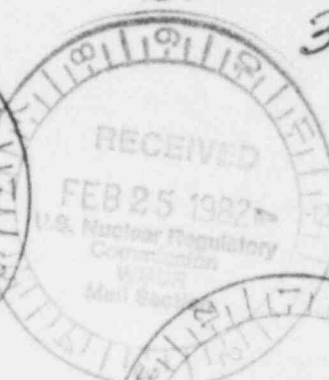
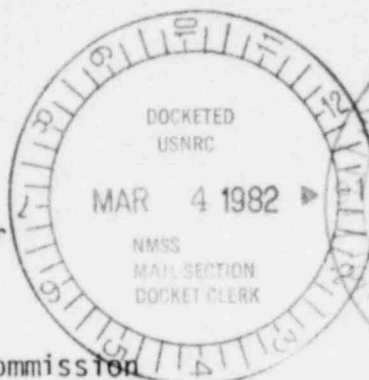
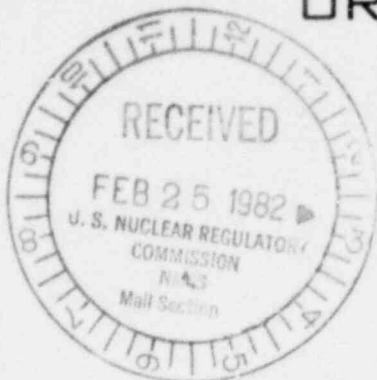


URANERZ U.S.A., INC.

800 Werner Court
Suite 140

CASPER, WYOMING 82601

February 19, 1982



40-8783

PDR
Return to
Clara Covington
39655

Mr. John J. Linehan, Section Leader
Operating Facilities Section I
Uranium Recovery Licensing Branch
Division of Waste Management
United States Nuclear Regulatory Commission
7915 Eastern Avenue
Mailstop 461-SS
Silver Springs, Maryland 20910

Re: Docket No. 40-8783
Licensing No. SUA-1401
Additional Information for File

Dear Mr. Linehan:

As per my telephone conversation with Mr. Jeff Pohle and Ms. Cindy Bryck (17 Feb. 82), please find enclosed two additional items to our license file.

1. Bond amount calculations - Jeff Pohle requested these calculations so that the bond amount agreed by both WDEQ-LQD and UUS would be on file along with the actual bond instrument.
2. Building Floor Plan - The changes sent to you were required due to the spiralling cost of construction in remote areas. Nothing has changed in concept as the original. UUS will be utilizing leased trailers instead of one large building. The arrangement includes all the same rooms and ventilation system as before, therefore, the monitoring plan in the Safety section will not change. As you can see the plant access is still through the area separate from the non-production office area.

I am submitting this as an informational change, not as an amendment. I do not feel that it requires a full amendment. My conversation with Ms. Bryck indicated that this would be agreeable.

I thank you and your staff for your time and assistance on these items. Should you need further information, please contact me personally.

Sincerely,
URANERZ U.S.A., INC.

K. Gary Somerville
K. Gary Somerville
Environmental, Radiation &
Safety Officer

FEE EXEMPT

20162

add'l
info

Reclamation Schedule

Reclamation will begin immediately upon the completion of successful ground water restoration. According to the tentative project schedule, restoration could be finished by mid-1983. After restoration, assuming project termination, all facilities will be dismantled and the area reclaimed.

Tentative Reclamation Schedule

Termination of Restoration	Mid-1983
Dismantling of Plant and wellfield	Fall-1983
Reclamation of Plant and wellfield	Spring-1984
Evaporation of Waste Water Terminated	Fall-1984
Removal of Solid Wastes from Ponds	Fall-1984
Reclamation of Pond Areas	Fall-1984
Opening Reclaimed Test Area of Livestock	Fall-1986
Final Abandonment of Test Site	Fall-1986

If evaporation can be speeded up by the use of sprays or if other methods for waste water treatment prove successful, the schedule will be shortened.

RECLAMATION COSTS

(Itemized Permit Stipulation #3 - Dated: 9 October 1981)

The following costs are estimated for restoration and reclamation of the Ruth ISL R & D Site. All costs are 2nd Quarter 1981 Dollars. No salvage value has been included in these estimates. This is based on 5.8 acres on site and 11.0 acres of access road, totally 16.8 acres.

Item 1 - Roads, Parking and Landfill

<u>Description</u>	<u>Quantity</u>	<u>Unit Cost</u>	<u>Cost</u>
Remove gravel base	1500 cu.yd.	\$2.00 cu.yd.	\$ 3,000.00
Rip compaction (road base)	10 hr.	\$60/hr.	600.00
Replacement of Topsoil	1270 cu.yd.	\$2.00 cu.yd.	<u>2,540.00</u>
	Subtotal		\$ 6,140.00

Item 2 - Demolition and Disposal - Facilities

Plant Building

Pre-Engineered Building	1	Lump sum	\$12,600.00
Foundation Concrete	149 cu.yd.	\$75.00 cu.yd.	11,175.00

Warehouse

Pre-Engineered Building	1	Lump sum	2,400.00
Foundation Concrete	11 cu.yd.	\$75.00 cu.yd.	825.00

Fuel Storage

Tanks	2	Lump sum	\$ 500.00
Berms (spread to original)	200 cu.yd.	\$2.00 cu.yd.	400.00

Chemical Storage

Tanks	2	Lump sum	\$ 500.00
Berms (spread to original)	200 cu.yd.	\$2.00 cu.yd.	400.00

<u>Replacement of Topsoil</u>	800 cu.yd.	\$2.00 cu.yd.	<u>\$ 1,600.00</u>
	Subtotal		\$30,400.00

Item 3 - Ponds (two) and Diversion Ditch

<u>Description</u>	<u>Quantity</u>	<u>Unit Cost</u>	<u>Cost</u>
Removal gravel (top of dike)	32 cu.yd.	\$2.00 cu.yd.	\$ 64.00
Remove liners	1	Lump sum	1,250.00
Remove leak detection system	1	Lump sum	1,250.00
Rip compaction (pond bottom)	10 hrs.	\$60/hr	600.00
Remove dikes (spread in pond in 12 inch lifts)	10,800 cu.yd.	\$2.00 cu.yd.	21,600.00
Replacement of topsoil	7,512 cu.yd.	\$2.00 cu.yd.	15,024.00
		Subtotal	\$39,788.00

Item 4 - Wellfield

Removal of pumps and downhole pipe	200 manhours	\$12.80/hr.	\$ 2,560.00
Dismantling of surface pipe	450 manhours	\$12.80/hr.	5,760.00
Plugging of wells(cement)	50 wells	\$360/well	18,000.00
Replace topsoil	1,180 cu.yd.	\$2.00 cu.yd.	2,360.00
		Subtotal	\$28,680.00

Item 5 - Remove Fence

Game proof fence(around ponds)	96 hr.	\$12.80/hr.	\$ 1,229.00
Boundary fence	160 hr.	\$12.80/hr.	2,048.00
		Subtotal	\$ 3,277.00

Item 6 - Seeding/revegetation (entire site 5.8 acres)

Seed (PLS)		Lump sum	\$ 1,000.00
Drilling	50 hr.	\$45/hr.	2,250.00
Mulching			
Straw(2 ton/acre)	12 ton	\$104/ton	\$ 1,250.00
Application(2 ton/acre)	5.8 acre	\$527/ac.	3,056.00
		Subtotal	\$ 7,556.00

Item 7 - Aquifer Restoration

<u>Description</u>	<u>Quantity</u>	<u>Unit Cost</u>	<u>Cost</u>
<u>Supplies</u>			
Chemicals (wellfield)		Lump sum	\$10,000.00
Chemicals(analytical) (outside check analysis)		Lump sum	20,000
<u>Surface Facility Maintenance</u>			
Basic equipment,ponds,wells, expendables(filters,membranes,etc.)		\$5,000 monthly Lump sum	\$20,000.00
<u>Manpower (man hours)</u>			
Operators, lab tech, Maintenance, etc.	7500 hr.	\$12.80/hr.	\$96,000.00
Electrical Power		\$2,200 monthly Lump sum	\$ 8,800.00
		Subtotal	\$154,800.00

Item 8 - Access Road (387 to site)(11.0 acres)

Reclaim of any construction (worst case)

Seed		Lump sum	\$ 1,500.00
Drilling	100 hr.	\$45/hr.	\$ 4,500.00
<u>Mulch</u>			
Straw(2 ton/acre)	22 ton	\$104/ton	2,288.00
Application(2 ton/acre)	11.0 acres	\$527/acre	5,797.00
		Subtotal	\$ 14,085.00
TOTAL			\$284,726.00
15% contingency			42,709.00
GRAND TOTAL			\$327,435.00
Previous Bond Amount			\$283,000.00

ADDITIONAL BOND REQUIRED

\$ 44,435.00

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