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40-8102
40-8064

EXXON MINERALS COMPANY

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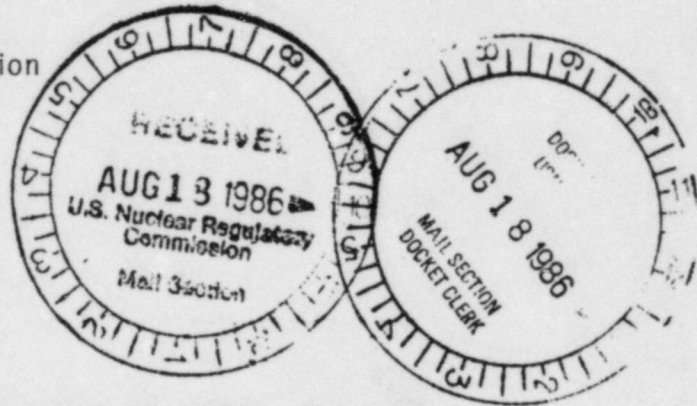
Highland Reclamation Project

RETURN ORIGINAL TO PDR, HQ.

August 14, 1986

United States Nuclear Regulatory Commission
Region IV Uranium Recovery Field Office
Box 25325
Denver, Colorado 80225

RE: Docket No. 40-8102
License No. SUA 1139
Docket No. 40-8064
License No. SUA-1064



Our current reclamation surety expires November 30, 1986. Our proposed surety amount for November 30, 1986, through November 30, 1987, is \$ 12,800.00. Supporting documentation is attached.

The proposed amount has been approved by the Wyoming DEQ Land Quality Division. It is submitted for NRC approval per conditions of the referenced licenses.

Please feel free to call David Range of my staff at (307) 265-7600 if you have any questions.

Yours Truly,

ERMueller

E. R. Mueller

ERM/cb

cc: J.D. Patton
K.A. Patton
D.M. Range

Attachments

8609220325 860814
PDR ADOCK 04008064
C PDR

DESIGNATED ORIGINAL

Certified By Mary C. Horik

EXXON MINERALS COMPANY
HIGHLAND RECLAMATION PROJECT

ESTIMATED BONDING REQUIREMENTS
FOR PERIOD ENDING JUNE 30, 1986

1986 Dollars

Cost to reclaim tailings basin area

\$6,800,000

Includes

		\$ K
Contour tailings	430 KBCY @\$1.41	606
Strip topsoil	77 KBCY @\$1.37	105
Slope Dam 5 to 1	434 KBCY @\$0.81	351
Build PMF Channel	1.6 MBCY @\$1.37	2,184
Slope Dump 1 -5 to 1	11 KBCY @\$1.41	16
Cover tailings-3 Meters	1.4 MBCY @\$1.37	1,918
Topsoil & Revegetate	374 acres @\$1260	471
Monitor, Evaporate Water, Stabilized Sand		100
NRC Long Term Maintenance Fee		420
Overhead		600
		<u>6,771</u>

Cost to reclaim Pits 2,3 and 4

\$1,300,000

Includes

		\$ K
Wall Sloping-15% to Pit Bottom and 35% to 5077' ASL (New Brown & Root Contract Rate)		
	445 KBCY @ \$0.56	249
- Topsoil & Revegetate	270 acres @ \$1,260	340
Revegetate	130 acres @ \$200	26
Terraces COMPLETED	0 KBCY @ \$0.43	0
Overhead		705
		<u>1,320</u>

Cost to decommission mill and reclaim mill site (including mill pond)

\$1,000,000

Includes

		\$ K
Mill Decommissioning		823
Pond Decommissioning COMPLETED		0
Decontaminate Mill & Pond	20 KBCY @ \$2.25	45
Topsoil & Revegetate	60 acres @ \$1,260	76
Revegetate	10 acres @ \$200	2
Overhead		40
		<u>986</u>

Cost to reclaim underground mine site

\$ 100,000

Includes

		\$ K
Decommission Foundations and Buildings		25
Bury Foundations	6 KBCY @ \$1.36	8
Topsoil & Revegetate	7 acres @ \$1,260	9
		<u>42</u>

	<u>1986 Dollars</u>
Cost to restore expanded well field and decommission and reclaim solution mine area.	\$ 1,000,000
Cost to complete reclamation of roads and miscellaneous disturbed areas.	\$ 500,000
Reseeding, mulch, fertilizer 1226 acres @ \$500/acre-\$613K	\$ 600,000
Barium Chloride Treatment Contingency Plan	\$ 500,000

Includes
Capital

	<u>\$ K</u>
Pump	43
Pipe	40
Fittings	28
Tanks	3
Flowmeters	4
Power System	18
Pipe Anchors	2
Utility Boat	3
Buildings	39
Engineering and Contractor Service	36
Contingency	18
	<u>234</u>

Operations

Labor	131
Ba/Cl ₂	42
Materials	42
Power	49
Contingency	26
	<u>290</u>

TOTAL

524

DEQ Contingency \$ 1,000,000

TOTAL \$12,800,000