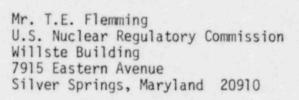
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EXON MINERALS COMPANY

POST OFFICE BOX 3020 . CASPER. WYOMING 82602

Highland Uranium Operations





Dear Tom:

This letter documents the telephone discussion you had with our Technical Superintendent, Steve Morzenti, on July 2. A summary breakdown of tailings basin reclamation volumes and costs, the mill decommissioning cost, and the solution mine restoration cost are included hereunder. As Steve explained to you, these are Exxon's best current estimates of the costs and volumes for stated activities. Continuing engineering studies focusing on cut-fill volumes and more cost-effective material handling may achieve a similar reclamation plan at lower costs.

Attachment I summarizes the estimated reclamation costs and volumes. I believe these volumes and unit costs will help you in your analysis. If you require clarification of any individual points, please contact Steve Morzenti at (307)265-7600.

Sincerely,

Shawoon by spm

J.B. Shannon Mine Manager

JBS/ksk

attachment

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EXXON MINERALS COMPANY HIGHLAND URANIUM OPERATIONS ATTACHMENT I RECLAMATION COST AND VOLUME ESTIMATE SUMMARY - JULY 1982

	Tail	ings Basin Reclamation Cost Estimate
	1.1	Equipment - Scrapers (30-40 yd) and dozers (D-9) Caterpillar 651 Fleet for dirt placement D-9 dozers for dam work <u>k\$</u>
	1.2	Initial fill to achieve northerly gradient
		1.2.1 Basin perimeter - 625 kBCY x \$1.09/BCY 680 1.2.2 Drainage diversion - 185 kBCY x \$1.30/BCY 240 1.2.3 Dump 6 borrow - 110 kBCY x \$1.82/BCY 200 920 kBCY 200
	1.3	Reduce dam face to 5:1
		1.3.1 Cut top of dam - 250 kBCY x \$1.68/BCY 420 1.3.2 Drainage diversion - 210 kBCY x \$1.67/BCY 350 460 kBCY 460 kBCY 460 kBCY
	1.4	Fill northern reservoir - 35 kBCY x \$0.86/BCY 30
	1.5	Reduce southern slope by cut-fill - 20 kBCY x \$0.50/BCY 10
	1.6	10 foot zoned cap
		1.6.1 Dump 6 borrow 3180 kBCY x \$1.79/BCY 4700 1.6.2 Topsoil 170 kBCY x \$1.65/BCY 280 3350 kBCY 3350 kBCY 280
	1.7	Additional Work
		1.7.1Seed and mulch 207 acres x \$435/ac901.7.2Topsoil, seed, mulch diversion areas 70 kBCY x \$2.00/BCY140
		1.7.3 Recontour Dump 6 - 175 kBCY x \$0.40/BCY 70 \$8210
	Mi11	Decommissioning Cost Estimate
	2.1	Based on Ray Point (Felder), South Texas actual cost of \$500 k in \$1979
	2.2	Exponential scale-up with 6/10 Rule

 $\frac{\text{Highland 3000 t/day}}{\text{Felder 500 t/day}} = 2.93$

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2.3 2.93 x \$500 k = \$1465 in 1979 \$

2.4 \$1465 (1979 \$) = \$2200 (1982 \$) using WPI escalators

3. Solution Mine Reclamation Cost Estimate

3.1 Based on 24 month restoration and 6 month monitoring

3.2 Restoration 1982 k\$ 3.2.1 Labor 500* 3.2.2 Chemicals and Materials 100 3.2.3 Plug and Abandonment of 45 wells 200 3.2.4 Technical Support 50 850 k 3.3 Monitoring 150 k \$1000 k

* Actual cost has been lower than this September 1981 estimate.

SPM/ksk 7/9/82

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