

NRC Research and/or Technical Assistance Rept

PDR

INTERIM REPORT

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Waste Management

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Washington, D.C. 20555
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OAK RIDGE NATIONAL LABORATORY
Oak Ridge, Tennessee 37830
operated by
UNION CARBIDE CORPORATION
for the
U.S. DEPARTMENT OF ENERGY

INTERIM REPORT

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OAK RIDGE NATIONAL LABORATORY MONTHLY REPORT TO
URANIUM RECOVERY AND LICENSING BRANCH
DIVISION OF WASTE MANAGEMENT

November 1982

A. Environmental Assessment Activities

None Presently Active.

B. In Situ Mining

Nine Mile Lake

This project is inactive.

Teton In Situ

DES issued. Comments received. Answers being prepared.

C. Mines and Mills

Groundwater Mill Tailings

This project is proceeding on schedule. Draft of contamination report completed. Work initiated on tailings pit study.

Fed-Am Partners

The DES is at NRC.

Conoco Sand Rock

ORNL has received comments on the DES and is preparing answers.

Kerr-McGee

This project has been put on hold at the request of the PM. Applicant input needed.

D. Budget

Costs are reported on the attached tables.

E. Overdue Action of FCMS Regarding Laboratory Requests

None.

F. Comments

In regard to your letter of September 30, 1981 regarding detail and schedule information on topical reports the following represents work status and schedule through July.

	<u>To Date</u> MM	<u>Schedule</u>
(i) Rock Cover vs. Vegetation	12.4	Ready to issue
(ii) Cost Benefits Aspect	8.7	Draft sent to NRC
(iii) Upward Geochemical Migration	3.7	Draft at NRC
(iv) Radon Attenuation	8.4	Being completed per NRC input
(v) Techniques of Groundwater Rest	8.0	Draft has been revised per NRC
(vi) Site Dewatering Techniques	6.0	Under review
(vii) Tailings Consolidating Techniques	5.7	Under review
(viii) Land Ownership	4.0	Draft in December
Total Man-Months to date	56.9	
Approximate Cost to date	461k	

G. Remarks

We are in need of FY-83 funding before CSU contract can be processed.

M. J. Kelly

M. J. Kelly
Project Manager

MJK/baw

	Prior Years		Total Project		Original Estimate
	MY	Cost	MY	Cost	
Kerr-McGee Powder River	2.50	222,470	2.50	222,470	None
Nine-Mile Lake	1.46	137,075	1.46	137,075	150,000
Groundwater Mill Tailings	0.48	237,028	0.77	267,786	NA
Colorado State	0.15	77,468	0.21	94,827	NA(3)
Fed-Am Partners	20.76	164,526	1.83	194,861	150,000
Conoco Sand Rock	1.96	209,934	2.06	222,506	150,000
Teton In-Situ	1.43	181,982	1.57	192,672	150,000
General & Special Accounts	7.2	919,810	0.56	43,556(3)	NA(2)

Notes: (1) Accounts Closed.
(2) Consolidated account — previously General charges and Morton Ranch.
(3) Current year cost.

PROJECT COST AND MANPOWER BREAKDOWN FOR NOVEMBER 1982

	MM	Cost	Impact Section Hours	Science Division Hours	Subcon- tractor Hours	Radio- logical Hours	Technical Support Services Hours	Document Prepa- ration Costs	Consult. Costs	Travel Costs
Conoco Sand Rock	--	1,124	--	--	--	--	--	1,124	--	--
Cumulative FY-83	1.25	12,572	136	80	--	--	--	1,124	--	--
Groundwater Mill Tailings ⁽²⁾	1.38	8,940	240	--	--	--	--	--	--	224
Cumulative FY-83	3.47	30,758	603	--	--	--	--	--	--	3,676
Colorado State	0.32	8,229	56	--	--	--	--	--	--	1,018
Cumulative FY-83	0.70	17,359	122	--	--	--	--	--	--	1,812
Kerr-McGee	--	--	--	--	--	--	--	--	--	--
Cumulative FY-83	--	--	--	--	--	--	--	--	--	--
Fed-Am Partners	--	--	--	--	--	--	--	--	--	--
Cumulative FY-83	--	--	--	--	--	--	--	--	--	--
Teton In-Situ	0.09	(3,178)	16	--	--	--	--	--	--	--
Cumulative FY-83	1.69	10,690	200	84	--	--	--	--	--	--
General and Special Accounts ⁽⁴⁾	2.17	1,604	200	--	--	--	176	--	--	--
Cumulative FY-83	6.73	43,556	555	100	--	--	512	--	--	--
Current Month Totals	3.97 ⁽¹⁾	16,719	512	--	--	--	176	1,124	--	1,242
FY-83 TOTALS	13.80	114,935	1,616	264	--	--	512	1,124	--	5,488

(1) See comments for cost and status of Topical Reports.

(2) Idaho subcontract

(3) See July 79 monthly report for general information regarding costs.

(4) There was an accounting error of about 40k (overcharge) — in September and about 26k (overcharge) in October. \$15,773 was credited this month with an additional credit of \$52,300 on the December billing.

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