

INTERIM REPORT

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

NRC Research and Technical
Assistance Report

INTERIM REPORT

8005280473

OAK RIDGE NATIONAL LABORATORY MONTHLY REPORT TO
THE FUEL PROCESSING AND FABRICATION BRANCH
DIVISION OF FUEL CYCLE AND MATERIAL SAFETY

March 1980

A. Environmental Assessment Activities

Bokum Tailings

Completed, will be closed in April.

San Miguel Tailings

The accident section is complete. NRC input is awaited.

B. In Situ Mining

Cypress (Hansen) Tailings

Work has started on the accident section.

Nine Mile Lake

Corrections and revisions were made in the PDES. Transmittal to the EPM is expected early in April.

Bison Bason

Complete copy for the PDES has been sent to NRC. DES completion date depends on NRC input.

C. Mines and Mills

Homestake

No activity in March.

Kerr-McGee

No activity in March.

Edgemont Decommissioning

Preparation of material for which information was available proceeded during the month. Material required from the applicant is slowly becoming available.

Fed-Am Partners

The staff is assimilating material which it has and awaiting further detail on the applicants proposal. Questions to the applicant were sent to the EPM. The tailings proposal was reviewed.

D. Budget

Costs are reported on the attached tables.

E. Overdue Action of FCMS Regarding Laboratory Requests

None

F. Comments

None

G. Remarks

None

H. E. Zittel

H. E. Zittel
Project Manager

HEZ/1kb

	Prior Years		Total Project		Original Estimate
	MM	Cost	MY	Cost	
Shooting Canyon Mill	5.88	33,328	1.67	137,170	125,000 ⁽¹⁾
White Mesa Mill	13.20	70,323	1.74	145,301	125,000 ⁽¹⁾
Plateau Resources OBS	3.48	18,630	0.36	25,680	25,000 ⁽¹⁾
EFOPS Hanksville	1.56	8,472	0.22	23,888	25,000 ⁽¹⁾
EFOPS Blanding	1.56	8,742	0.18	14,460	25,000 ⁽¹⁾
Homestake Pitch Project	28.20	253,247	2.35	253,545	None
Kerr-McGee Powder River	22.90	167,246	1.90	167,246	None
Nine-Mile Lake	12.48	86,806	1.44	126,653	150,000
Edgemont Decommissioning	7.80	58,007	1.42	117,027	150,000
Gulf Minerals	4.32	28,262	0.55	46,504	150,000 ⁽¹⁾
Bison Basin	1.68	10,859	1.21	109,385	150,000
Hansen Project	1.68	11,730	0.31	24,562	150,000 ⁽¹⁾
Fed-Am Partners	--	--	0.60	51,286	150,000
Bokum Tailings	--	--	--	4,288	None
San Miguel Tailings	--	--	0.02	1,820	None
General & Special Accounts	21.00	199,217	0.27 ⁽³⁾	50,747 ⁽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 MARCH 1980

			Environ. Impact Section Hours	Environ. Sciences Division Hours	Science Applications Inc. Hours	Socio- economic Hours	Radiological Hours	Technical Support Services Hours	Document			
	MM	Cost							Preparation Costs	Consult. Costs	Travel Costs	
Homestake Pitch Project Cumulative FY-80	--	--	--	--	--	--	--	--	--	--	--	--
Kerr-McGee Powder River Cumulative FY-80	--	--	--	--	--	--	--	--	--	--	--	--
Edgemont Decommissioning Cumulative FY-80	1.86 9.23	7,464 59,030	16 328	175 955	123 ⁽¹⁾ 255	--	--	8 61	--	--	--	--
9-Mile Lake Cumulative FY-80	1.15 4.75	7,501 39,847	32 441	-- 385	-- 59	--	168 168	-- 8	-- 11,391	--	--	--
Bison Basin Cumulative FY-80	0.69 12.79	15,265 98,526	68 775	27 634	-- 540	--	-- 168	24 98	9,096 10,010	--	--	-- 2,612
Fed-am Partners Cumulative FY-80	1.96 7.28	12,115 51,286	132 484	191 717	-- 44	(2) 17	--	16 16	--	--	--	(120) 3,589
Jansen Project Cumulative FY-80	0.11 2.03	-- 12,832	-- 64	-- 192	19 ⁽¹⁾ 81	--	--	-- 16	--	--	--	-- 1,078
Gulf Minerals Cumulative FY-80	-- 2.49	-- 18,242	-- 112	-- 257	-- 52	--	--	-- 10	--	--	--	-- 3,792
San Miguel Tailings Cumulative FY-80	0.00 0.23	533 1,820	--	--	-- 40	--	--	--	533 533	--	--	--
Bokum Tailings Cumulative FY-80	-- --	-- 4,288	--	--	--	--	--	--	-- 2,920	--	--	-- 1,000
General & Special Accounts Cumulative FY-80	0.36 3.31	14,882 50,747	52 496	-- 55	--	--	--	10 18	-- 390	8,707 ⁽³⁾ 29,668	860 3,346	--
Current Month Totals FY-80 Totals	6.12	57,760 336,916	300 2,708	393 3,195	142 1,071	-- 17	168 336	58 227	9,629 25,359	8,707 29,668	740 19,160	--

- Notes: 1. Accrued \$7037 in SAI charged in March.
 2. Time and charges not yet available.
 3. Paid to Colorado State University to date FY-80.

4. See July 79 monthly report for general information regarding costs.

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