Project Title: Environmental Assessments of Fuel Cycle Facilities

Subject of this Document: Monthly Progress Report

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Responsible NRC Individual and NRC Office or Division: H. J. Miller, Section Chief, Uranium Recovery and Licensing Branch, Division of Waste Management

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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

8006130 383

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

April 1980

A. Environmental Assessment Activities

San Miguel Tailings
The accident section was received by NRC and changes were made.

Hansen Tailings
The accident section was completed and sent to NRC.

B. In Situ Mining

Nine Mile Lake
The PDES was completed and transmitted to the EPM. The applicant is revising his plans, and this project will exceed cost estimate.

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 this month.

Kerr-McGee No activity this month.

Edgemont Decommissioning
Preparation of material for which information was available proceeded during the month. Sections 2 and 3 are being word processed. Information from TVA is still needed. Because of start and stop operation, this project will exceed cost estimates.

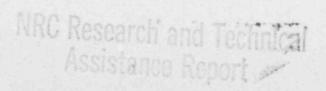
Fed-Am Partners
The staff is assimilating material which it has and awaiting further detail on the applicants proposal. Work on "Boiler Plate" is proceeding.

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
Project Manager

HEZ/1kb

	Prio	r Years	Total	Project	Original	
	MM	Cost	MY	Cost	Estimate	
			-			
Shootering 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)	
EFOBS Hanksville	1.56	8.472	0.22	23,888	25,000(1)	
EFOBS 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	1.46	134,205	150,000	
Edgemont Decommissioning	7.80	58,007	1.64	132,726	150,000	
Gulf Minerals	4.32	28,262	0.55	46,504	150,000 ⁽¹⁾	
Bison Basin	1.68	10,859	1.29	126,181	150,000	
Hansen Project	1.68	11,730	0.33	24,562	150,000	
Fed-Am Partners			0.73	61,626	150,000	
Bokum Tailings				4,288	None	
San Miguel Tailings		-	0.03	2,356	None	
General & Special Accounts	21.00	199,217	0.27(3)	62,658 ⁽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 APRIL 1980

	ММ		Environ. Impact Section Cost Hours	Environ Sciences Division Hours	Science Applications Inc. Hours	Socio- economic Hours	Radiological Hours	Technical Support Services Hours	Document		
		Cost							Preparation Costs	Consult. Costs	Travel
							**				**
Homestake Pitch Project Cumulative FY-80	0.05	298	8			- A-111				**	**
Kerr-McGee Powder River				44		**				**	
Cumulative FY-80		**				**	**				
	2 64	15,689	68	164	210(1)	**		16	3,067	296	
Edgemont Decommissioning Cumulative FY-80	2.64 11.87	74,719	396	1,119	465		**	77	3,067	296	3,740
	0.24	7,535	18	24		**	144		5,859	**	
9-Mile Lake Cumulative FY-80	0.24 4.99	47,402	459	409	59	**	168	8	17,250	**	
	0.05	16. 706	64	60		**	24	16	9,556		**
Bison Basin Cumulative FY-80	0.95	16,796 115,322	839	694	540	**	192	114	19,566		2,612
Fed-Am Partners	1.48	10,340	124	116	**	(2)	**	16	**		3 600
Cumulative FY-80	8.76	61,626	608	833	44	1.7	**	32	-	**	3,589
					33(1)	**		**		**	
Hansen Project ⁽⁴⁾ Cumulative FY-80	0.19	12,832	64	192	114	**	**	16			1,078
Gulf Minerals			44			**	275	10		**	3,792
Cumulative FY-80	2.49	18,242	112	257	52			10			3,736
	0.09	536		12	16(1)		**	200 LU	536	**	**
San Miguel Tailings Cumulative FY-80	0.32	2,356			56		* **	188	1,069		**
Only - Tailings					**	74			2 020		1 000
Bokum Tailings Cumulative FY-80		4,288		0000		**			2,920		1,000
Samuel and Special Associate	0.55	11,911	96			**		10	200	7,916	748 4,094
General and Special Accounts Cumulative FY-80	3.86	62.650	592	55	**		**	18	390	37,584	
	6.14	62,827	370	364	259		24	48	19,018	8,212	745
Current Month Totals FY-80 Totals	48.10	399,743	3.070	3,559	1,330	17	360	275	44,262	37,840	19,000

Notes: 1. Accrued \$12,387 in SAI charges in April. 2. Time and charges not yet available.

3. See July 79 monthly report for general information regarding costs
4. Hansen accident section being charged to old account.

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