

INTERIM REPORT

Accession No. _____
ORNL/ED/EIS-130

Project Title: Environmental Assessments of Fuel Cycle Facilities

Subject of this Document: Monthly Progress Report

Type of Document: Monthly Progress Report

Author: H. E. Zittei

Date of Document: May 1980

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

This document was prepared primarily for preliminary or internal use. It has not received full review and approval. Since there may be substantive changes, this document should not be considered final.

Prepared for
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555
Under Interagency Agreement 40-594-75
NRC FIN No. B0279

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

8007170648

INTERIM REPORT

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

May 1980

A. Environmental Assessment Activities

San Miguel Tailings

Word processing continued on available material with some interaction between the editorial staff and SAI staff on the accident section.

Hansen Tailings

Payment was made to SAI for the time spent in preparing the accident section.

Bokum Tailings

The editorial and word processing area prepared material at the request of the NRC EPM.

B. In Situ Mining

Nine Mile Lake

We are awaiting information from the applicant. In hand material was reviewed.

Bison Bason

The DES was completed and sent to NRC

C. Mines and Mills

Homestake

No activity this month.

Kerr-McGee

No activity this month.

Edgemont Decommissioning

Most of Sections 1, 2, and 3 were sent in PDES format to the EPM. Portions of section 4 have been drafted. The socioeconomic material for all sections is completed. Information from TVA is still needed before the staff can form conclusions on alternatives or fully complete section 4 - The environmental consequences.

Fed-Am Partners

Most of Section 2, alternatives including the proposed action, and section 3, the existing environment, have been completed in draft form. The socioeconomics sections, subcontracted to Georgia Tech, have been received for staff review. Information from the applicant is needed before much more progress can be made.

NRC Research and Technical
Assistance Report

D. Budget

Costs are reported on the attached tables.

E. Overdue Action of FCMS Regarding Laboratory Requests

None

F. Comments

Due to failure of applicants to supply information in a timely manner and non-receipt of expected new projects we are approaching a situation where commitments to personnel for FY-80 may result in support costs without productive output. Any NRC efforts to eliminate the possibility would be appreciated.

G. Remarks

None

H. E. Zittel

H. E. Zittel
Project Manager

HEZ/1kb

	Prior Years		Total Project		Original Estimate
	MM	Cost	MY	Cost	
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	134,544	150,000
Edgemont Decommissioning	7.80	58,007	1.76	149,436	150,000
Gulf Minerals	4.32	28,262	0.57	47,411	150,000
Bison Basin	1.68	10,859	1.32	131,066	150,000
Hansen Project	1.68	11,730	0.34	27,159	150,000
Fed-Am Partners	--	--	0.93	79,137	150,000
Bokum Tailings	--	--	--	4,288	None ⁽¹⁾
San Miguel Tailings	--	--	0.03	5,396	None
General & Special Accounts	21.00	199,217	0.39 ⁽³⁾	92,724 ⁽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 MAY 1980

	MM	Cost	Environ. Impact Section Hours	Environ. Sciences Division Hours	Science Appli- cations Inc. Hours	Socio- economic Hours	Radio- logical Hours	Technical Support Services Hours	Document Prepar- ation Costs	Consult. Costs	Travel Costs
Homestake Pitch Project	--	--	--	--	--	--	--	--	--	--	--
Cumulative FY-80	0.05	298	--	--	--	--	--	--	--	--	--
Kerr-McGee Powder River	--	--	--	--	--	--	--	--	--	--	--
Cumulative FY-80	--	--	--	--	--	--	--	--	--	--	--
Nine-Mile Lake	0.05	346	8	--	--	--	--	--	--	--	--
Cumulative FY-80	5.04	47,748	467	409	59	--	168	8	17,250	--	--
Edgemont Decommissioning	1.50	16,710	95	74	83	--	--	8	5,458	--	--
Cumulative FY-80	13.37	91,429	491	1,193	548	--	--	85	8,525	296	3,740
Bison Basin	0.37	4,885	40	--	--	--	--	24	2,115	--	--
Cumulative FY-80	14.11	120,207	879	694	540	--	192	138	21,681	--	2,612
Fed-Am Partners	2.43	17,500	38	24	73	270 ⁽¹⁾	--	16	--	10,965 ⁽¹⁾	--
Cumulative FY-80	11.19	79,137	646	857	117	287	--	48	--	10,965	3,589
Hansen Project	0.16	2,597 ⁽²⁾	--	--	27	--	--	--	--	--	--
Cumulative FY-80	2.38	15,429	64	192	141	--	--	16	--	--	1,078
Gulf Minerals	--	907 ⁽²⁾	--	--	--	--	--	--	907	--	--
Cumulative FY-80	2.49	19,149	112	257	52	--	--	10	907	--	3,792
San Miguel Tailings	0.06	3,040	--	--	10	--	--	--	1,471	--	--
Cumulative FY-80	0.38	5,396	--	--	66	--	--	--	2,540	--	--
Bokum Tailings	--	--	--	--	--	--	--	--	--	--	--
Cumulative FY-80	--	4,288	--	--	--	--	--	--	2,920	--	1,368
General and Special Accounts	0.87	30,077 ⁽⁴⁾	126	20	--	--	--	4	--	3,417 ⁽³⁾	2,490
Cumulative FY-80	4.73	92,724	718	75	--	--	--	22	390	41,001	6,584
Current Month Totals	5.44	76,062	307	118	193	270 ⁽¹⁾	--	52	9,951	14,382	2,490
FY-80 TOTALS	53.74	475,805	3,377	3,677	1,523	287	360	327	54,213	52,262	22,763

- (1) Partial Billing from socioeconomic group at Georgis Tech. Draft of sections received. Hours are estimates
- (2) Tailings and management work charged to these existing accounts. Word Processing for both and the accident section for Hansen.
- (3) Paid to Colorado State University FY- to date \$35,229.
- (4) Includes unaccounted for charges of about \$18,000. Will clear up in June report.
- (5) See July 79 monthly report for general information regarding costs.

INTERNAL DISTRIBUTION

1. R. C. Tepel
2. L. Voorhees
3. H. A. McLain
4. F. R. Mynatt
5. R. B. Craig
6. W. Fulkerson
- 7-8. H. E. Zittel
9. Laboratory Records (RC)

EXTERNAL DISTRIBUTION

10. Office of Assistant Manager for Energy Research and Development, Department of Energy, Oak Ridge Operations Office, Oak Ridge, TN 37830.
- 11-12. Division of Technical Information and Document Control, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555
- 13-14. U. S. Department of Energy, Technical Information Center, P. O. Box 62, Oak Ridge, Tennessee 37830
15. L. C. Rouse, Chief, Fuel Processing and Fabrication Branch, Division of Fuel Cycle and Material Safety, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555
- 16-31. H. J. Miller, Uranium Recovery and Licensing Branch, Division of Waste Management, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555
32. W. T. Crow, Fuel Processing and Fabrication Branch, Division of Fuel Cycle and Material Safety, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555