

INTERIM REPORT

Accession No. _____
ORNL/ED/EIS-149

Project Title: Environmental Assessments of Fuel Cycle Facilities

Subject of this Document: Monthly Progress Report

Type of Document: Monthly Progress Report

Author: H. E. Zittel

Date of Document: February 1981



Responsible NRC Individual and NRC Office or Division: John Linehan,
Section Chief, Uranium Recovery 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

INTERIM REPORT

8104270067

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

FEBRUARY 1981

A. Environmental Assessment Activities

Hansen Project

Completed.

San Miquel Trailing

Completed.

NRC Research and Technical
Assistance Report

B. In Situ Mining

Nine Mile Lake

This project is inactive.

Bison Bason

The DES was refitted per NRC instructions.

C. Mines and Mills

Groundwater Mill Tailings

Overview of groundwater contamination has been completed, project on schedule.

Edgemont Decommissioning

The PDES was completed and sent to NRC.

Fed-Am Partners

PDES completed and at NRC. DES cannot be completed until NRC prepared sections are available.

Conoco Sand Rock

Need NRC input. PDES Chapters 2 and 3 in preparation. Several sections completed except for information needed from applicant.

D. Budget

Costs are reported on the attached tables.

NRC Research and Technical
Assistance Report

E. Overdue Action of FCMS Regarding Laboratory Requests

ORNL has not received requested copies of Mill Tailings Generic FES.

F. Comments

None

G. Remarks

None.

H. E. Zittel
H. E. Zittel
Project Manager

HEZ/lb1

NRC Research and Technical Assistance Report

	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 ⁽¹⁾
Kerr-McGee Powder River	22.90	167,246	1.90	167,246	None ⁽¹⁾
Nine-Mile Lake	17.52	137,075	1.46	137,075	150,000
Groundwater Mill Tailings	0.36	5,362	0.11	51,738	NA
Edgemont Decommissioning	25.32	189,293	2.39	221,987	150,000
Gulf Minerals	6.84	47,411	0.57	47,411	150,000 ⁽¹⁾
Bison Basin	17.40	151,064	1.50	171,493	150,000
Hansen Project	4.08	28,569	0.34	38,854	150,000
Fed-Am Partners	17.52	127,342	1.57	143,570	150,000
Bokum Tailings	--	4,288	--	4,288	None ⁽¹⁾
San Miguel Tailings	0.36	18,038	0.03	21,949	None
Conoco San Rock	4.08	31,668	1.14	74,075	150,000
General & Special Accounts	28.44	389,940	0.11 ⁽³⁾	42,838 ⁽³⁾	NA ⁽²⁾

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

NRC Research and Technical
Assistance Report

PROJECT COST AND MANPOWER BREAKDOWN FOR FEBRUARY 1981

	MM	Cost	Environ. Impact Section Hours	Environ. Sciences Division Hours	Subcon- tractor Hours	Radio- logical Hours	Technical Support Services Hours	Document Prepar- ation Costs	Consult. Costs	Travel Costs
Conoco Sand Rock	0.09	695	--	16	--	--	--	--	--	--
Cumulative FY-80	9.61	42,407	285	713	616 ⁽¹⁾	--	--	--	--	3,387
Groundwater Mill Tailings ⁽²⁾	0.27	9,433	46	--	--	--	--	--	--	--
Cumulative FY-80	0.91	46,376	136	--	--	--	--	--	--	1,013
Edgemont Decommissioning	0.77	13,994	48	85	--	--	--	7,248	--	--
Cumulative FY-80	3.41	32,694	120	471	--	--	--	9,092	--	--
Bison Basin	0.36	3,378	16	--	46	--	--	695	--	--
Cumulative FY-80	1.52	20,429	202	--	62	--	--	7,983	--	498
Fed-Am Partners	--	--	--	--	--	--	--	--	--	--
Cumulative FY-80	1.33	16,228	104	108	19	--	--	7,467	--	342
Hansen Project	--	--	--	--	--	--	--	--	--	--
Cumulative FY-80	--	10,285	--	--	--	--	8	10,125	--	--
San Miguel Tailings	--	149	--	--	--	--	--	149	--	--
Cumulative FY-80	--	3,911	--	--	--	--	--	3,911	--	--
General and Special Accounts	0.14	6,953 ⁽¹⁾	24	--	--	--	--	--	--	--
Cumulative FY-80	1.32	42,838	230	--	--	--	--	--	--	729
Current Month Totals	1.63	33,602	134	101	46	--	-	8,092	--	--
FY-80 TOTALS	18.10	215,168	1,100	1,292	746	--	8	40,973	--	5,969

- (1) Contains subcontractor costs to be distributed later.
 (2) Idaho subcontract
 (3) 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
- 15-29. John Linehan, Uranium Recovery and Licensing Branch, Division of Waste Management, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555
30. D. J. Loosley, Office of Nuclear Material Safety and Safeguards, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555