

NRC Research and Technical
Assistance Report INTERIM REPORT

Accession No. _____
ORNL/ED/EIS-152

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: April 1981

Responsible NRC Individual and NRC Office or Division: Dan Martin
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



8106120/28

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

APRIL 1981

A. Environmental Assessment Activities

None Presently Active.

B. In Situ Mining

Nine Mile Lake

This project is inactive.

Bison Basin

FES was shipped to NRC for issue.

Teton In Situ

Staff made an April site visit and initial draft sections are in preparation.

C. Mines and Mills

Groundwater Mill Tailings

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

Edgemont Decommissioning

The PFES 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

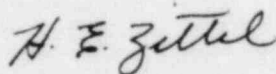
None.

F. Comments

None.

G. Remarks

None.



H. E. Zittel
Project Manager

HEZ/baw

INTERNAL DISTRIBUTION

1. R. C. Tepe1
2. L. Voorhees
3. H. A. McLain
4. A. L. Lotts
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. Dan Martin, 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

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	0.14	70,081	NA
Edgemont Decommissioning	25.32	189,293	2.53	241,003	150,000
Gulf Minerals	6.84	47,411	0.57	47,411	150,000 ⁽¹⁾
Bison Basin	17.40	151,064	1.60	185,082	150,000
Hansen Project	4.06	28,569	0.34	38,854	150,000 ⁽¹⁾
Fed-Am Partners	17.52	127,342	1.61	144,254	150,000
Bokum Tailings	--	4,288	--	4,288	None ⁽¹⁾
San Miquel Tailings	0.36	18,038	0.03	21,949	None ⁽¹⁾
Conoco San Rock	4.08	31,668	1.17	76,757	150,000
Teton In-Situ	--	--	0.26	25,134	150,000
General & Special Accounts	28.44	389,940	0.14	52,912	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 1981

	MM	Cost	Impact Section Hours	Sciences Division Hours	Subcon- tractor Hours	Radio- logical Hours	Technical Support Services Hours	Document Prepar- ation Hours	Consult. Hours	Travel Costs
Conoco Sand Rock	0.35	2,384	16	30	14	--	--	--	--	--
Cumulative FY-80	10.01	45,089	301	751	630	--	--	--	--	3,387
Groundwater Mill Tailings ⁽²⁾	0.18	9,036	32	--	--	--	--	--	--	--
Cumulative FY-80	1.27	64,719	168	--	--	--	--	--	--	1,013
Edgemont Decommissioning	0.83	13,676	8	100	35	--	--	8,298	--	--
Cumulative FY-80	5.06	51,710	136	697	35	--	--	17,390	--	--
Bison Basin	0.13	4,838	22	--	--	--	--	3,903	--	--
Cumulative FY-80	1.74	34,018	200	--	62	--	--	19,998	--	498
Fed-Am Partners	0.09	684	16	--	--	--	--	--	--	--
Cumulative FY-80	1.74	16,912	120	108	19	--	--	7,467	--	342
Hansen Project	--	--	--	--	--	--	--	--	--	--
Cumulative FY-80	--	10,285	--	--	--	--	8	10,125	--	--
San Miquel Tailings	--	--	--	--	--	--	--	--	--	--
Cumulative FY-80	--	3,911	--	--	--	--	--	3,911	--	--
Teton In-Situ	1.60	13,249	40	190	48	--	--	--	--	2,868
Cumulative FY-80	3.10	25,134	90	340	108	--	--	--	--	2,868
General and Special Accounts	0.23	(4,935) ⁽¹⁾	40	--	--	--	--	--	--	--
Cumulative FY-80	1.73	52,912	302	--	--	--	--	--	--	729
Current Month Totals	3.41	38,932	174	320	97	--	--	12,201	--	2,868
FY-80 TOTALS	22.83	304,692	1,370	1,896	903	--	8	58,891	--	8,837

(1) Credit not real. Estimated 25k in charges outstanding but not billed correctly.

(2) Idaho subcontract

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