

NRC Research and Technical
Assistance Report

INTERIM REPORT

Accession No. _____
ORNL/ED/EIS-147

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: January 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
NPC 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

8104010 237

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

JANUARY 1981

A. Environmental Assessment Activities

Hansen Project
Completed.

San Miquel Trailing
Completed.

B. In Situ Mining

Nine Mile Lake
We are awaiting information from the applicant.

Bison Bason
The staff is awaiting instructions from NRC.

C. Mines and Mills

Groundwater Mill Tailings
Overview of groundwater contamination completed.

Edgemont Decommissioning
The staff continued work on Section 4 -- the environmental consequences and other missing sections. Work processing in progress.

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.

E. Overdue Action of FCMS Regarding Laboratory Requests

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

*NRC Research and Technical
Assistance Report*

	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⁾
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	0.05	42,305	NA
Edgemont Decommissioning	25.32	189,293	2.33	208,993	150,000
Gulf Minerals	6.84	47,411	0.57	47,411	150,000 ⁽¹⁾
Bison Basin	17.40	151,064	1.55	188,115	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	21,800	None
Conoco San Rock	4.08	31,668	1.13	73,380	150,000
General & Special Accounts	28.44	389,940	0.10 ⁽³⁾	35,885 ⁽³⁾	NA ⁽²⁾

Notes: (1) Accounts Closed

(2) Consolidated account - previously General charges and Morton Ranch.

(3) Current year cost.

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