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INTERIM REPORT

Accession No. \_\_\_\_\_  
ORNL/ED/EIS-95

Project Title: Environmental Assessments of Fuel Cycle Facilities

Subject of this Document: Monthly Progress Report

Type of Document: Monthly Progress Report

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Date of Document: June 1979

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Management

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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

INTERIM REPORT

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**NRC Research and Technical  
Assistance Report**

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

June 1979

A. Environmental Assessment Activities

Hanksville Ore Buying Station  
Plateau Resource Ore Buying Station  
White Mesa Ore Buying Station

Leroy Person, NRC EPM on ore buying stations spent June 11, 1979, at ORNL discussing EIA changes with the staff.

Environmental Impact Appraisals for the Plateau Resources ore buying station in Blanding, Utah, and Energy Fuels Nuclear Ore buying station in Hanksville, Utah, were completed and sent to NRC for final review before printing.

Staff and NRC agreed to stop preparation of the EIA on Energy Fuels Nuclear Ore Buying Station in Blanding, Utah, and include its licensing action with the White Mesa Uranium Project (the OBS is on the Mill site).

B. In Situ Mining

The site visit for Nine Mile Lake In Situ mining project was completed. Staff questions have been submitted to the Applicant. Work on background sections of the PDES is proceeding.

C. Mines and Mills

Kerr-McGee

The socioeconomic sections are being updated and the Alternatives chapter being written.

Homestake Mining Company

This project is complete.

White Mesa

This project is complete.

Shootering Canyon

The FES for Plateau Resources Limited's Shootering Canyon Project was completed. Mats have been sent to NRC.

Gulf Minerals

The ORNL staff reviewed the ER with special emphasis on deficiencies related to tailings disposal and supplied questions to the EPM. The ORNL manager met with state, applicant, and NRC representatives in Santa Fe, NM, 20 June 1979.

Edgemont Decommissioning

Impact Section staff reviewed the ER and the Ford-Bacon-Davis report and supplied questions and comments to the EPM. The ER was reproduced and copies sent to SAI and Environmental Sciences for further review and comment.

Below Grade Burial-Morton Ranch

Charges are payment made to Colorado State consultants.

D. Budget

Project costs are reported on the attached tables.

E. Overdue Action of FCMS Regarding Laboratory Requests

None.

F. Remarks

None

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

447 016

	FY 1979		Prior years		Estimated Remaining Costs
	MYS	Cost	MYS	Cost	
Homestake Pitch Project	0.64	61,676	1.71	191,571	( 55,264)
Kerr-McGee Powder River	0.09	9,005	1.67	154,180	( 14,758)
White Mesa Mill	0.64	74,978	1.10	70,323	( 15,299)
Shooting Canyon Mill	1.20	103,442	0.49	33,328	( 3,496)
Morton Ranch Project	0.10	34,384	0.63	42,639	NA
Plateau Resources OBS	0.07	5,297	0.29	18,630	1,073
Energy Fuel OBSs					
Hanksville	0.09	12,019	0.13	8,472	4,509
Blanding	0.05	5,786	0.13	8,742	10,999
Nine Mile Lake	0.31	29,793	0.00	0	120,207
Edgemont Decommissioning	0.04	3,207	--	--	146,793
Gulf Minerals Mt. Taylor Project	0.11	6,874	--	--	143,126
General Charges	0.31	31,045	0.24	14,688	NA
Totals	3.82 <sup>1</sup>	389,125			

1. Includes 0.17 MY and \$11,619 on WMC, Exxon and B&W (closed accounts)

NA Notes: (a) Morton Ranch account includes supporting service such as Colorado state consultants, topical report preparation to aid in development of branch position on tailings management, evaluation of monitoring proposals and programs, and other tasks as agreed. No meaningful completion cost.

(b) General charges cover items in support of branch which are short term and not specific to single projects. Examples: summer student studies on tailings seepage, solution mining conference attendance, and general involvement in the environmental areas of uranium fuel cycle related activities as well as supervisory duties not specific to particular projects.

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COST AND MANPOWER BREAKDOWN FOR THE MONTH OF JUNE

	June 1979		Environmental Impact Section Hours	Environmental Sciences Division Hours	Science Applications Inc. Hours	Radiation Analysis Hours	Socio- economic Hours	Document <sup>3</sup> Preparation Costs	Travel Costs	Technical Support Services Hours
	Mms	Cost								
Homestake Pitch Project										
Kerr-McGee Powder River	0.37	5,839 <sup>1</sup>			64 <sup>4</sup>					
White Mesa Mill		112						81		
Shooting Canyon Mill	0.25	5,148		44				2,931		
Morton Ranch		9,573 <sup>2</sup>	8							4
Plateau Resources OBS	0.13	736		22				56		
Energy Fuels OBSs										
Hanksville	0.20	633	16	18				69		
Blanding	0.06	302		10						
Nine Mile Lake	2.38	23,634 <sup>5</sup>	112	128	162 <sup>4</sup>				2,365 <sup>4</sup>	10
Edgemont	0.53	3,207	84							8
Gulf Minerals	1.37	6,874	116	118						4
General Charges	0.85	6,172	48	92						7
Totals	4.24	62,230	384	432	226			3,137		33

1. Payment to consultant updating socioeconomics. Hours to be reported later.
2. Payment to Colorado State consultants for NRC work.
3. Word processing costs do not fit even months or include overhead.
4. SAI charges and travel not included in costs.
5. Over billed for month - to be corrected.

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