## ARCONNE NATIONAL LABORATORY 9700 South Cass Avenue, ARCONNE, Illinois 60439

## Telephone 312/972-3101

August 16, 1985

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Mr. Charles Beckwith DOE/NRC Coordinator Office of Resource Management U. S. Nuclear Regulatory Commission Maryland National Bank Building 7735 Old Germantown Road Bethesda, MD 20555

Dear Mr. Beckwith:

Attached is the July monthly cost report and Technical Report Letter for the project entitled "Licensing Program Support - Environmental Review Assistance", FIN A21572.

Sincerely,

Roy Tuma Assistant Director Environmental Research Division

/lac attachments

Distribution

NRC: W. Applemont R. A. Brown, Jr.

ANL/DOE-CH: B. Carlan, BUD R. J. Dalton, DOE-CH R. H. Huebner, OTD

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U.S. DEPARTMENT OF ENERGY

THE UNIVERSITY OF CHICAGO

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TECHNICAL REPORT LETTER for Month of July 1985 NRC FIN A21572

Project Title: Licensing Program Support - Environmental Review Assistance

NRC Project Manager: W. A. Nixon	ANL Principal Investigator(s):	S. Y. Tsai
ANL Account No.: 84482		
Prepared by (sign):	Date: 8-14-85	

1. Efforts completed during the month of July 1985.

- Submitted copies of ANL's document files on West Chicago project to the State of Illinois and Kerr-McGee as requested.
- NRC staff came to ANL for a meeting to discuss site screening approaches for evaluating alternative sites.
- Performed screening and ranking of alternative disposal categories.
- Both NRC and ANL staff visited Illinois State Geological Survey and State Water Survey during the week of July 28, 1985, to discuss the use of Geographical Information System for alternative site study.
- Compiled and evaluated hydrogeological data for three alternative disposal categories: surface coal mine; underground coal mine; and clay/shale quarry mines.

2. A summary of cost to date is provided on a separate sheet.

EPORT 153-D-41		PROJECT	REPORTING FOR JULY 1985 NATIONAL LABORATORY	08/06/85		PAGE	30
IN A21574	ACCOUNT 8H482	TITLE I	ICENSING PROGRAM SUPPOR	T - ENVIRONMENT	AL REVIEW ASSISTANCE		
	B&R 40-10-01-05		CURRENT MONTH	YEAR-TO-DATE			
OTALS FOR: 8H482	LICENSING PROGRAM SUP	PORT - ENVIRON	IENTAL REVIEW ASSISTANCE				
I. EFFORT:							
DIRECT MAN-	Ionths Ervices Man-Months +		3.30	15.30 .60			
TOTAL EFFORT	r	-	3.30	15.90			
I. COSTS:							
DIRECT LOADE MATERIALS AN ADP SUPPORT TRAVEL	D LABOR COSTS D SERVICES		16,709.70 1,132.41 44.64	66,721.30 5,103.74 620.39			
GENERAL AND	ADMINISTRATIVE		876.46 10,180.17	4,629.90 45,136.40			
TOTAL COST		-	28,934.38	122,211.73			
I. FUNDING STAT	rus:						
PRIOR FY 84 CARRYOVER		PROJECTED G LEVEL	FY85 FUNDS RECD TO DATE		FY 85 FUNDING BAL. NEEDED		
\$67		\$216	\$149		\$0		

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\* TECHNICAL SERVICES LABOR COST IS INCLUDED WITH MATERIALS AND SERVICES COST.