



PROJECT AND BUDGET PROPOSAL FOR NRC WORK

DATE OF PROPOSAL

November 1, 1982

☐ NEW☒ REVISION NO. 1

PROJECT TITLE

Environmental Impact Statement on the Decommissioning of the
Kerr-McGee West Chicago Facility

FIN NUMBER

A2157

NRC OFFICE

Office of Nuclear Materials Safety & Safeguards

NRC B&R NUMBER

50-19-01-01

DOE CONTRACTOR

Argonne National Laboratory

CONTRACTOR ACCOUNT
NUMBER

8M482

SITE

9700 S. Cass Avenue, Argonne, IL 60439

DOE B&R NUMBER

40-10-01-05

COGNIZANT PERSONNEL

ORGANIZATION

FTS PHONE NUMBER

PERIOD OF PERFORMANCE

NRC PROJECT MANAGER

W. A. Nixon

NRC/NMSS

427-4510

STARTING DATE

10-01-82

OTHER NRC TECHNICAL STAFF

COMPLETION DATE

03-31-83 (Est.)

DOE PROJECT MANAGER

R. Dalton

DOE/CH

972-2229

CONTRACTOR-PROJECT MANAGER

W. J. Hallett

ANL/EIS

972-3117

PRINCIPAL INVESTIGATOR(S)

P. C. Chee

ANL/EIS

972-3112

STAFF YEARS OF EFFORT (Round to nearest tenth of a year)

FY 82

FY 83

FY 84

FY

FY

Direct Scientific/Technical

0.7

1.2

0

Other Direct (Graded)

0.1

0.2

0

TOTAL DIRECT STAFF YEARS

0.8

1.4

0

COST PROPOSAL (in thousands)

Direct Salaries

34.4

58.0

0

Material and Services (Excluding ADP)

29.9*

3.0

0

ADP Support

0.2

1.0

0

Subcontracts

0.9

0

0

Travel Expenses

Foreign

0

0

0

Domestic

1.6

2.0

0

Indirect Labor Costs -82 Divisional Overhead - 83

17.6

13.0

0

Other (Specify) Biomedical & Environmental
Program Administration

1.4

2.0

0

General and Administrative (4.42 FY82
17.3 FY83)

4.0

17.0

0

TOTAL OPERATING COST

90.0*

96.0*

0

CAPITAL EQUIPMENT

FIN CHARGED:

0

0

0

TOTAL PROJECT COST

90.0*

96.0*

0

FY _____

OCTOBER

NOVEMBER

DECEMBER

JANUARY

FEBRUARY

MARCH

MONTHLY FORECAST
EXPENSE

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

8508160420 850710

PDR FOIA

RAPKIN85-438

PDR

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PROVIDE ESTIMATED DOLLAR COST FOR EACH TASK FOR EACH FISCAL YEAR

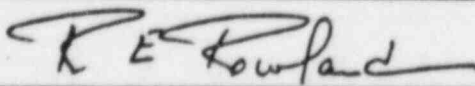
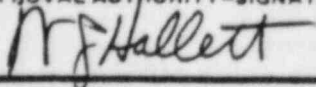
TASK		FY 83				FY				FY				FY				FY			
		1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Prepare final EIS	SCHEDULE																				
	COST		\$96.0																		
	SCHEDULE																				
	COST																				
	SCHEDULE																				
	COST																				
	SCHEDULE																				
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	SCHEDULE																				
	COST																				
TOTAL ESTIMATED PROJECT COST			\$96.0																		

PROJECT DESCRIPTION: (Provide narrative descriptions of the following topics in the order listed. Attach on plain paper to this NRC Form 189. If an item is not applicable, so state.)

1. OBJECTIVE OF PROPOSED WORK
2. SUMMARY OF PRIOR EFFORTS
3. WORK TO BE PERFORMED AND EXPECTED RESULTS
4. DESCRIPTION OF ANY FOLLOW-ON EFFORTS
5. RELATIONSHIP TO OTHER PROJECTS
6. REPORTING SCHEDULE
7. SUBCONTRACTOR INFORMATION
8. LIST NEW CAPITAL EQUIPMENT REQUIRED
9. DESCRIBE SPECIAL FACILITIES REQUIRED
10. CONFLICT OF INTEREST INFORMATION

SEE NRC MANUAL CHAPTER 1102 FOR ADDITIONAL INFORMATION

APPROVAL AUTHORITY—SIGNATURE



DATE

11/5/82

FIN NO.: A2157

Date: November 1, 1982

PROJECT TITLE: Environmental Impact Statement on the Decommissioning of the
Kerr-McGee West Chicago Rare Earths Facility

1. Objective of Proposed Work

The objective is to complete preparations of the final environmental impact statement (EIS) for the decommissioning of the West Chicago facility, including: 1) performing analyses of the additional alternatives proposed by the Illinois Attorney General's Office (IAG), and the U.S. EPA; 2) responding to the comments received regarding the draft EIS; 3) modifications and additions to the EIS in response to comments; and 4) developing cost estimates for the various alternatives.

2. Summary of Prior Efforts

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4. Description of any Follow-on Efforts

None anticipated

5. Relationship to other Projects

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6. Reporting Schedule

The final EIS will be prepared according to the following schedule:

Responses and text changes sent to NRC	11-19-82
ANL and NRC jointly complete review and revision of responses	11-30
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NRC completes review of text changes	12-10
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Draft FES sent to NRC	12-22
NRC completes review of revised chapters of draft FES	01-21-83
ANL final changes and production of mats	02-11
Print and distribute FES	02-28

A monthly letter report is to be submitted by the 15th of the month to J. G. Davis, Office of Nuclear Material Safety and Safeguards. These reports will include the following:

- (1) A listing of efforts completed during the period; milestones reached, or if missed, and explanation provided.
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- (3) A summary of progress to date.
- (4) Plans for the next report period.

7. Subcontractor Information

Not applicable

8. List of New Capital Equipment Required

None

9. Describe Special Facilities Required

None

10. Conflict of Interest Information

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W. J. Hallert

ANL/EIS

972-3117

PRINCIPAL INVESTIGATOR(S)

P. C. Chee

ANL/EIS

972-3112

STAFF YEARS OF EFFORT (Round to nearest tenth of a year)

FY 82

FY 83

FY 84

FY

FY

Direct Scientific/Technical

0.7

1.2

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Other Direct (Graded)

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TOTAL DIRECT STAFF YEARS

0.8

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COST PROPOSAL (in thousands)

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Foreign

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17.3 FY83)

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TOTAL OPERATING COST

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96.0*

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CAPITAL EQUIPMENT

FIN CHARGED:

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0

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TOTAL PROJECT COST

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96.0*

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FY

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NOVEMBER

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MONTHLY FORECAST
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TASK

FY 83				FY				FY				FY				FY			
1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th

Prepare final EIS

SCHEDULE 

COST

\$96.0

SCHEDULE

COST

SCHEDULE

COST

SCHEDULE

COST

SCHEDULE

COST

TOTAL ESTIMATED PROJECT COST

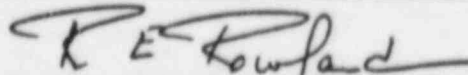
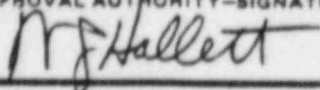
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9. DESCRIBE SPECIAL FACILITIES REQUIRED
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APPROVAL AUTHORITY—SIGNATURE



DATE

11/5/82

FIN NO.: A2157

Date: November 1, 1982

PROJECT TITLE: Environmental Impact Statement on the Decommissioning of the
Kerr-McGee West Chicago Rare Earths Facility

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4. Description of any Follow-on Efforts

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5. Relationship to other Projects

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6. Reporting Schedule

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7. Subcontractor Information

Not applicable

8. List of New Capital Equipment Required

None

9. Describe Special Facilities Required

None

10. Conflict of Interest Information

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40-10-01-05

COGNIZANT PERSONNEL	ORGANIZATION	FTS PHONE NUMBER	PERIOD OF PERFORMANCE
NRC PROJECT MANAGER			STARTING DATE
W. A. Nixon	NRC/NMSS	427-4510	10-01-82
OTHER NRC TECHNICAL STAFF			COMPLETION DATE
			03-31-83 (Est.)
DOE PROJECT MANAGER			
R. Dalton	DOE/CH	972-2229	
CONTRACTOR-PROJECT MANAGER			
W. J. Hallett	ANL/EIS	972-3117	
PRINCIPAL INVESTIGATOR(S)			
P. C. Chee	ANL/EIS	972-3112	

STAFF YEARS OF EFFORT (Round to nearest tenth of a year)		FY 82	FY 83	FY 84	FY	FY
Direct Scientific/Technical		0.7	1.2	0		
Other Direct (Graded)		0.1	0.2	0		
TOTAL DIRECT STAFF YEARS		0.8	1.4	0		
COST PROPOSAL (in thousands)						
Direct Salaries		34.4	58.0	0		
Material and Services (Excluding ADP)		29.9*	3.0	0		
ADP Support		0.2	1.0	0		
Subcontracts		0.9	0	0		
Travel Expenses						
Foreign		0	0	0		
Domestic		1.6	2.0	0		
Indirect Labor Costs -82 Divisional Overhead - 83		17.6	13.0	0		
Other (Specify) Biomedical & Environmental Program Administration		1.4	2.0	0		
General and Administrative (4.42 FY82 17.3 FY83)		4.0	17.0	0		
TOTAL OPERATING COST		90.0*	96.0*	0		
CAPITAL EQUIPMENT						
FIN CHARGED: _____		0	0	0		
TOTAL PROJECT COST		90.0*	96.0*	0		
FY _____	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH
MONTHLY FORECAST EXPENSE	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER

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PROVIDE ESTIMATED DOLLAR COST FOR EACH TASK FOR EACH FISCAL YEAR

TASK		FY 1983				FY 1984				FY 1985				FY 1986				FY 1987			
		1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Prepare final EIS	SCHEDULE	▲																			
	COST	\$96.0																			
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APPROVAL AUTHORITY—SIGNATURE

M J Hallett

R E Towland

DATE

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NRC/NMSS

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0.9

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Travel Expenses

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Domestic

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Other (Specify) Biomedical & Environmental
Program Administration

1.4

2.0

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General and Administrative (4.42 FY82
17.3 FY83

4.0

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TOTAL OPERATING COST

90.0*

96.0*

0

CAPITAL EQUIPMENT

FIN CHARGED: _____

0

0

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TASK

FY 83

FY

FY

FY

FY

1st 2nd 3rd 4th

1st 2nd 3rd 4th

1st 2nd 3rd 4th

1st 2nd 3rd 4th

1st 2nd 3rd 4th

Prepare final EIS

SCHEDULE



COST

\$96.0

SCHEDULE

COST

SCHEDULE

COST

SCHEDULE

COST

SCHEDULE

COST

TOTAL ESTIMATED PROJECT COST

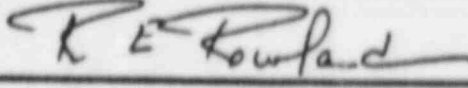
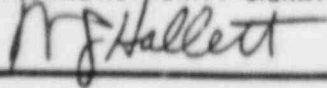
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10. CONFLICT OF INTEREST INFORMATION

SEE NRC MANUAL CHAPTER 1102 FOR ADDITIONAL INFORMATION

APPROVAL AUTHORITY—SIGNATURE



DATE

11/5/82

FIN NO.: A2157

Date: November 1, 1982

PROJECT TITLE: Environmental Impact Statement on the Decommissioning of the
Kerr-McGee West Chicago Rare Earths Facility

1. Objective of Proposed Work

The objective is to complete preparations of the final environmental impact statement (EIS) for the decommissioning of the West Chicago facility, including: 1) performing analyses of the additional alternatives proposed by the Illinois Attorney General's Office (IAG), and the U.S. EPA; 2) responding to the comments received regarding the draft EIS; 3) modifications and additions to the EIS in response to comments; and 4) developing cost estimates for the various alternatives.

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Functional engineering specifications for the EPA's disposal cell and temporary storage proposal and the IAG's interim storage proposal will be prepared and the operations needed to implement the proposal will be described. Cost analyses will be performed for all the alternatives and additional environmental impact analyses will be provided for the two new alternatives. The comments to the DES released in May 1982 will be addressed by specific responses and, where applicable, by modifications or additions to the EIS.

4. Description of any Follow-on Efforts

None anticipated

5. Relationship to other Projects

This is a continuation of a project initiated in FY 1982.

6. Reporting Schedule

The final EIS will be prepared according to the following schedule:

Responses and text changes sent to NRC	11-19-82
ANL and NRC jointly complete review and revision of responses	11-30
Revised and edited responses sent to NRC	12-10
NRC completes review of text changes	12-10
Cost estimates completed by ANL	12-17
Draft FES sent to NRC	12-22
NRC completes review of revised chapters of draft FES	01-21-83
ANL final changes and production of mats	02-11
Print and distribute FES	02-28

A monthly letter report is to be submitted by the 15th of the month to J. G. Davis, Office of Nuclear Material Safety and Safeguards. These reports will include the following:

- (1) A listing of efforts completed during the period; milestones reached, or if missed, and explanation provided.
- (2) Any problems or delays encountered or anticipated and recommendations for resolution.
- (3) A summary of progress to date.
- (4) Plans for the next report period.

7. Subcontractor Information

Not applicable

8. List of New Capital Equipment Required

None

9. Describe Special Facilities Required

None

10. Conflict of Interest Information

There are no known significant contractual or organizational relationships of this organization or its employees with industries regulated by NRC (e.g., utilities) and suppliers thereof that might give rise to an apparent or actual conflict of interest.



PROJECT AND BUDGET PROPOSAL FOR NRC WORK

DATE OF PROPOSAL

November 1, 1982

☐ NEW☒ REVISION NO. 1

PROJECT TITLE

Environmental Impact Statement on the Decommissioning of the
Kerr-McGee West Chicago Facility

FIN NUMBER

A2157

NRC B&R NUMBER

50-19-01-01

NRC OFFICE

Office of Nuclear Materials Safety & Safeguards

DOE CONTRACTOR

Argonne National Laboratory

CONTRACTOR ACCOUNT
NUMBER

8M482

SITE

9700 S. Cass Avenue, Argonne, IL 60439

DOE B&R NUMBER

40-10-01-05

COGNIZANT PERSONNEL

ORGANIZATION

FIS PHONE NUMBER

PERIOD OF PERFORMANCE

NRC PROJECT MANAGER

W. A. Nixon

NRC/NMSS

427-4510

STARTING DATE

10-01-82

OTHER NRC TECHNICAL STAFF

COMPLETION DATE

03-31-83 (Est.)

DOE PROJECT MANAGER

R. Dalton

DOE/CH

972-2229

CONTRACTOR-PROJECT MANAGER

W. J. Haller

ANL/EIS

972-3117

PRINCIPAL INVESTIGATOR(S)

P. C. Chee

ANL/EIS

972-3112

STAFF YEARS OF EFFORT (Round to nearest tenth of a year)

FY 82

FY 83

FY 84

FY

FY

Direct Scientific/Technical

0.7

1.2

0

Other Direct (Graded)

0.1

0.2

0

TOTAL DIRECT STAFF YEARS

0.8

1.4

0

COST PROPOSAL (in thousands)

Direct Salaries

34.4

58.0

0

Material and Services (Excluding ADP)

29.9*

3.0

0

ADP Support

0.2

1.0

0

Subcontracts

0.9

0

0

Travel Expenses

Foreign

0

0

0

Domestic

1.6

2.0

0

Indirect Labor Costs -82 Divisional Overhead - 83

17.6

13.0

0

Other (Specify) Biomedical & Environmental
Program Administration

1.4

2.0

0

General and Administrative (4.42 FY82
17.3 FY83

4.0

17.0

0

TOTAL OPERATING COST

90.0*

96.0*

0

CAPITAL EQUIPMENT

FIN CHARGED:

0

0

0

TOTAL PROJECT COST

90.0*

96.0*

0

FY

OCTOBER

NOVEMBER

DECEMBER

JANUARY

FEBRUARY

MARCH

MONTHLY FORECAST
EXPENSE

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

A2157

PROJECT AND BUDGET PROPOSAL FOR NRC WORK

DATE


November 1, 1982

PROJECT TITLE

Environmental Impact Statement on the Decommissioning of the Kerr-McGee
West Chicago Facility

DOE PROPOSING ORGANIZATION

FORECAST MILESTONE CHART: Scheduled to Start —  — Completed (Shown in Quarter Year)
PROVIDE ESTIMATED DOLLAR COST FOR EACH TASK FOR EACH FISCAL YEAR

TASK		FY 83				FY				FY				FY				FY			
		1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Prepare final EIS	SCHEDULE																				
	COST	\$96.0																			
	SCHEDULE																				
	COST																				
	SCHEDULE																				
	COST																				
	SCHEDULE																				
	COST																				
	SCHEDULE																				
	COST																				
TOTAL ESTIMATED PROJECT COST		\$96.0																			

PROJECT DESCRIPTION: (Provide narrative descriptions of the following topics in the order listed. Attach on plain paper to this NRC Form 189. If an item is not applicable, so state.)

1. OBJECTIVE OF PROPOSED WORK
2. SUMMARY OF PRIOR EFFORTS
3. WORK TO BE PERFORMED AND EXPECTED RESULTS
4. DESCRIPTION OF ANY FOLLOW-ON EFFORTS
5. RELATIONSHIP TO OTHER PROJECTS
6. REPORTING SCHEDULE
7. SUBCONTRACTOR INFORMATION
8. LIST NEW CAPITAL EQUIPMENT REQUIRED
9. DESCRIBE SPECIAL FACILITIES REQUIRED
10. CONFLICT OF INTEREST INFORMATION

SEE NRC MANUAL CHAPTER 1102 FOR ADDITIONAL INFORMATION

APPROVAL AUTHORITY—SIGNATURE

Mr. J. Hallett

K. E. Rowland

DATE

11/5/82

FIN NO.: A2157

Date: November 1, 1982

PROJECT TITLE: Environmental Impact Statement on the Decommissioning of the
Kerr-McGee West Chicago Rare Earths Facility

1. Objective of Proposed Work

The objective is to complete preparations of the final environmental impact statement (EIS) for the decommissioning of the West Chicago facility, including: 1) performing analyses of the additional alternatives proposed by the Illinois Attorney General's Office (IAG), and the U.S. EPA; 2) responding to the comments received regarding the draft EIS; 3) modifications and additions to the EIS in response to comments; and 4) developing cost estimates for the various alternatives.

2. Summary of Prior Efforts

The draft EIS was completed and issued in May 1982. The alternatives considered in the draft included onsite storage, onsite disposal, offsite disposal at potentially suitable sites within Illinois, offsite disposal at existing disposal sites, and no action. Comments on the draft have been received and, in response to suggestions by the IAG and U.S. EPA, two additional alternatives are being considered.

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Functional engineering specifications for the EPA's disposal cell and temporary storage proposal and the IAG's interim storage proposal will be prepared and the operations needed to implement the proposal will be described. Cost analyses will be performed for all the alternatives and additional environmental impact analyses will be provided for the two new alternatives. The comments to the DES released in May 1982 will be addressed by specific responses and, where applicable, by modifications or additions to the EIS.

4. Description of any Follow-on Efforts

None anticipated

5. Relationship to other Projects

This is a continuation of a project initiated in FY 1982.

6. Reporting Schedule

The final EIS will be prepared according to the following schedule:

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A monthly letter report is to be submitted by the 15th of the month to J. G. Davis, Office of Nuclear Material Safety and Safeguards. These reports will include the following:

- (1) A listing of efforts completed during the period; milestones reached, or if missed, and explanation provided.
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- (3) A summary of progress to date.
- (4) Plans for the next report period.

7. Subcontractor Information

Not applicable

8. List of New Capital Equipment Required

None

9. Describe Special Facilities Required

None

10. Conflict of Interest Information

There are no known significant contractual or organizational relationships of this organization or its employees with industries regulated by NRC (e.g., utilities) and suppliers thereof that might give rise to an apparent or actual conflict of interest.



PROJECT AND BUDGET PROPOSAL FOR NRC WORK

DATE OF PROPOSAL

November 1, 1982

☐ NEW☒ REVISION NO. 1

PROJECT TITLE

Environmental Impact Statement on the Decommissioning of the
Kerr-McGee West Chicago Facility

FIN NUMBER

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FY 83

FY 84

FY

FY

Direct Scientific/Technical

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1.2

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TOTAL DIRECT STAFF YEARS

0.8

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34.4

58.0

0

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29.9*

3.0

0

ADP Support

0.2

1.0

0

Subcontracts

0.9

0

0

Travel Expenses

Foreign

0

0

0

Domestic

1.6

2.0

0

Indirect Labor Costs -82 Divisional Overhead - 83

17.6

13.0

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Other (Specify) Biomedical & Environmental
Program Administration

1.4

2.0

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General and Administrative (4.42 FY82
17.3 FY83)

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17.0

0

TOTAL OPERATING COST

90.0*

96.0*

0

CAPITAL EQUIPMENT

FIN CHARGED: _____

0

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96.0*

0

FY _____

OCTOBER

NOVEMBER

DECEMBER

JANUARY

FEBRUARY

MARCH

MONTHLY FORECAST
EXPENSE

APRIL

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PROJECT AND BUDGET PROPOSAL FOR NRC WORK

A2157

DATE


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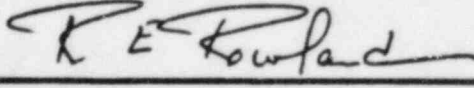
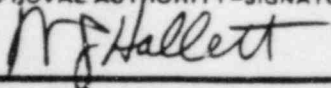
TASK		FY 83				FY				FY				FY				FY			
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ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Office of the Director

Telephone 312/972-3804

September 1, 1981

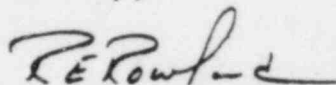
Office of the Controller
Nuclear Regulatory Commission
Attention: R. P. Shumway, Chief
Budget Operations and Systems Development
Washington, D. C. 20555

Dear Mr. Shumway:

Enclosed are five (5) copies of NRC 189's from our Biomedical and Environmental Research Program for FY 1981, 1982, and 1983. Copies of each of the 189's are also being forwarded to the NRC Office to which they pertain. A formal submission will be forthcoming.

If you have any questions regarding these draft 189's, please do not hesitate to contact this office.

Sincerely,



R. E. Rowland
Acting Associate Laboratory Director for
Biomedical and Environmental Research

RER/dlv
Enclosures (5)

cc: NRC
Office of Inspection and Enforcement
Office of Nuclear Materials Safety and Safeguards ✓
Office of Nuclear Reactor Regulation
Office of Nuclear Regulatory Research

DOE-HQ
R. W. Barber
J. Maddox

Handwritten notes:
NRC 189's to be submitted by 9/12/81. After review by either staff or committee. If project will be completed.