

(2)



POLICY ISSUE

(Notation Vote)

SECY-87-59

March 5, 1987

For: The Commissioners

From: Victor Stello, Jr.
Executive Director
for Operations

Subject: REGULATION OF ACTIVITIES IMPORTANT TO THE COMMON
DEFENSE AND SECURITY OF THE UNITED STATES BY
AGREEMENT STATES

Purpose: To present to the Commission options for policy on
Agreement State vs NRC regulation of activities
which have significant common defense and security
implications for the United States.

Summary: On October 2, 1986, Governor James R. Thompson of
Illinois requested that the Commission enter into a
Section 247b Agreement with the State. The proposed
Agreement would include the Allied Chemical UF₆
conversion plant in Metropolis, Illinois. A
question was raised of whether this plant is of
sufficient importance to the common defense and
security of the United States that NRC should retain
jurisdiction. This paper presents options for a
Commission Policy for handling this and similar
cases in the future.

Background: By a letter dated October 2, 1986, Governor James R.
Thompson of the State of Illinois requested that the
Commission enter into an Agreement with the State
pursuant to Section 274b of the Act. The specific
authority requested is for (1) byproduct material as
defined in section 11e.(1) of the Act, (2) source
material, (3) special nuclear material in quantities
not sufficient to form a critical mass and (4)
permanent disposal of low level waste containing one
or more of the foregoing but not containing uranium
or thorium mill tailings (byproduct material as
defined in Section 11e.(2) of the Act). The State
did not request authority over uranium recovery

Contact:
Joel O. Lubenau, X29687
Donald A. Muschauren, X27767

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PDR FOIA
LASH89-386 PDR

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in accordance with the Freedom of Information
Act, exemptions 5
FOIA- 89-386

c/1

activities but reserves the right to apply at a future date for an amendment to the Agreement for these activities. The staff prepared a staff assessment of the State's proposed radiation control program which initially was published in the Federal Register on December 31, 1986 with a 30 day comment period. The original published notice was incomplete (due to a publishing error by the Federal Register) and corrected notices are being republished beginning January 21, 1987 (52 FR 2309). The comment period ends February 20, 1987. The category of source material over which the State has requested authority includes the Allied Chemical UF₆ conversion plant in Metropolis, Illinois. The Chairman and NRC staff members raised a question of whether the Allied Chemical plant is of sufficient importance to the common defense and security of the United States that its regulation, for health and safety purposes, should not be transferred to Illinois as part of the Section 274b agreement. The Federal Register notice on the proposed Agreement notes that the Commission will consider whether to exclude the Allied Chemical plant from the Agreement concurrent with its decision on the Illinois request for an Agreement.

Discussion:

Since 1959, 28 States have entered into Section 274b Agreements with NRC. These States now regulate over 60% of the 20,000 byproduct, source and special nuclear materials specific licensees in the United States. The three operating low-level radioactive waste disposal sites are regulated by agreement States. Certain licensed activities are excluded from each Agreement and jurisdiction is retained by NRC. These exclusions are set forth in Section 274c. In brief, excluded activities are regulation of reactors, export or imports of licensed materials, ocean disposal of waste, other disposals as determined by the Commission, and the distribution of licensed material to persons exempt from regulation (consumer products).

Section 274m additionally provides that no Section 274b Agreement shall affect the authority of the Commission to issue rules, regulations or orders to protect the common defense and security. This authority could be exercised with respect to a specific licensee, if justified. An article incorporating this provision is included in each Agreement with a State. On November 6, 1986 in conjunction with the Commission's consideration of the Illinois request for a Section 274b Agreement, the General Counsel in responding to three questions asked by the Chairman, addressed the implications of

such an Agreement with respect to the common defense and security considerations for a specific plant in Illinois, Allied Chemical (enclosure 1). The conclusions of that memorandum are applicable in a general sense to any Agreement State licensee whose activities may be crucial to the common defense and security.

Nuclear Fuel Cycle Licensees

The nuclear fuel cycle that supports the nuclear power industry and certain DOD and Naval Reactor programs consists of the following steps - mining and milling of uranium bearing ores, conversion to UF_6 , enrichment, fuel processing and fabrication, reactor operation, transportation and waste disposal. Uranium mining is not within NRC regulatory jurisdiction and is regulated by other Federal agencies and the States.

In the nuclear fuel cycle Agreement States may regulate for radiological health and safety three principal activities; uranium milling, conversion of yellowcake to UF_6 and low-level waste disposal. The regulation of uranium milling which results in the production of byproduct material defined in Section 11e.(2) of the Act (mill tailings) is currently performed by 3 Agreement States; Texas, Washington and Colorado under amendments to their Section 274b Agreements. The amendments were necessary to reflect the fact that the State regulatory programs for uranium mills and mill tailings must meet the requirements of the Uranium Mill Tailings Radiation Control Act of 1978 (UMTRCA), as amended, (P.L. 95-604). These requirements are set out in Section 274o of the Atomic Energy Act. There are currently sixty-two licenses issued by NRC and the Agreement States covering conventional and in-situ uranium mills that produce 11e.(2) byproduct material. Of these, twenty-five are issued by Texas, Colorado and Washington.

Common defense and security questions have not been raised in the past with respect to Agreement State mill licensing activities. This may be attributed to a combination of factors including the large number of uranium mills, the current large reserves of domestic ore and the availability of uranium ore from foreign sources.

The next licensable activity in the nuclear fuel cycle is the conversion of yellowcake to UF_6 . As noted in SECY-86-373, only two plants in the U.S. currently perform this service, Sequoyah Fuels in

Gore, Oklahoma and Allied Chemical in Metropolis, Illinois. DOE has expressed the view that, overall, the combination of these commercially operated conversion facilities and the DOE operated enrichment facilities represent a complex that is critical to maintaining the common defense and security of the United States (enclosure 2). The Director, Illinois Department of Nuclear Safety, has taken issue with the DOE letter (enclosure 3).

Nuclear reactors and enrichment plants fall within the definition of production and utilization facility and are not eligible for State regulation pursuant to a section 274b agreement. The existing enrichment plants are not regulated by NRC since they are operated by DOE license-exempt contractors. Enrichment results in two major process streams; enriched uranium which is special nuclear material (SNM), and depleted uranium which is source material. Following enrichment, the SNM is usually processed by reactor fuel fabricators who handle SNM in quantities large enough to form a critical mass. Special nuclear material handled in quantities large enough to form a critical mass also is not eligible for agreement State regulation (see 10 CFR 150.11). Thus, for activities where NRC retains jurisdiction, radiological safety and common defense and security are both under NRC regulatory control. Transportation is regulated by NRC and the Department of Transportation although the States may regulate intrastate transportation.

The disposal of low-level radioactive waste generated by licensed fuel cycle activities can be regulated by the Agreement States. The three currently operating commercial low-level radioactive waste disposal sites are regulated by the Agreement States of South Carolina, Nevada and Washington, although the disposal of special nuclear material at Barnwell, SC and Hanford, WA is licensed by NRC because the quantities authorized exceed the critical mass definition in 10 CFR 150. The temporary closure of two of the low-level waste disposal sites in 1979 because of waste packaging and transportation problems created the potential for significant radiological health and safety problems for many categories of licensees. NRC initiated a number of regulatory actions to alleviate possible radiation safety problems such as authorizations for volume reducing, decay in storage and temporary storage. At no time were common defense and security concerns identified as a result of the site closures.

Thus, insofar as the nuclear fuel cycle and Agreement State regulation of the activities therein are concerned, the operation of the conversion plants are the only operations identified as having potential significance for common defense and security.

Non-Fuel Cycle Licensees

Outside the fuel cycle, there are activities that are subject to Agreement State licensing that may also have common defense and security considerations. Basically, these licensees conduct activities which involve licensed material for defense programs, usually under contract with DOD. The following are the principal examples of such activities:

- o Production and testing of depleted uranium (DU) projectiles.
- o Department of Defense contracted activities utilizing radioactive material, e.g., research and development such as investigation of properties of irradiated materials.
- o Manufacture and distribution of licensed devices using radioactive materials for the Armed Forces e.g., self-luminous markers, gunsights and instrument dials.

Where operations such as these are subject to national security restrictions, the Agreement States regulating them must address the matter of obtaining clearances for staff who need access to radiation safety information for purposes of licensing and inspection consistent with Federal laws governing national security. While not a frequent problem, NRC staff has prepared guidance for advising the Agreement States on such matters and it has not been an issue (enclosure 4).


NRC staff does not maintain data that would enable an estimate of the number of Agreement State licensees potentially in this category. We are aware of some specific cases where Agreement States have taken enforcement actions that have resulted in shutdown of operations. Examples are:

- o In 1980 as a result of the finding of depleted uranium (DU) in the environment and subsequently being unable to meet the

terms of a consent order with the State of New York for controlling releases of DU, NL Industries, Inc. in Colonie, N.Y. ceased the manufacture of DU projectiles. 7

- o In 1977, California issued an Emergency Order to Aerojet Ordnance and Manufacturing Company, a subsidiary of Aerojet General Corporation to temporarily suspend operations, conduct surveys and decontaminate unrestricted areas which were contaminated with DU.
- o In 1981, Tennessee Nuclear Specialities, Jonesboro, Tennessee, a manufacturer of DU products for Armed Forces use, transferred some of its operations to the plant of its parent company, Aerojet General Corporation in California, following a labor dispute and enforcement actions by the State at the same time. Rec.

None of these enforcement actions by the Agreement States to protect the public health and safety has resulted in a request for the Commission to consider the common defense and security implications of the actions.





Department of Energy
Washington, DC 20545

NOV 17 1985

Mr. Wayne Kerr
Director
Office of State Programs
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Kerr:

During our meeting on November 3, 1985, you advised that the Nuclear Regulatory Commission (NRC) is currently evaluating the matter of licensing and regulatory control by the State of Illinois over certain nuclear facilities located within that state. You specifically requested the Department of Energy's (DOE) views regarding the importance of the Allied Chemical Company uranium conversion facility located in Metropolis, Illinois, with respect to its support of national security interests.

DOE currently operates gaseous diffusion plants to provide enriched uranium for both commercial and Government uses. These uranium enrichment facilities must be supplied with feed material that has been converted to uranium hexafluoride (UF₆); the Allied Chemical facility in Illinois is one of two such facilities in the United States. As you know, the other conversion facility, operated by Kerr-McGee in Oklahoma has recently had a series of problems. Although the problems at Kerr-McGee have been corrected and NRC has given permission to renew operations, there remain some questions as to the commercial intent by Kerr-McGee to continue to operate that facility, posing the possibility that Allied Chemical might be the sole U.S. supplier for conversion services.

The above discussion serves to indicate that the combination of the commercially operated uranium conversion facilities and the DOE operated enrichment facilities represent a complex that is an important national asset essential to maintaining the common defenses and security of the United States. This includes both our military needs for enriched uranium and our energy security provided by those commercial utilities who depend on nuclear fuel to generate electricity.

In view of the above, it would appear prudent for NRC to retain its existing regulatory authority over uranium conversion facilities consistent with its charter to regulate facilities whose operation is in the national

862-2
Enclosure 2

11/20/55 10:15

2

interest. I hope this information is useful to you in your current considerations of working out appropriate transfers of responsibility to the State of Illinois as it becomes an agreement state.

Sincerely,

John R. Longenecker

John R. Longenecker
Deputy Assistant Secretary
for Uranium Enrichment
Office of Nuclear Energy

862-3



STATE OF ILLINOIS
DEPARTMENT OF NUCLEAR SAFETY
1035 OUTER PARK DRIVE
SPRINGFIELD 62704
(217) 546-8100

TERRY R. LASH
DIRECTOR

December 3, 1986

Mr. G. Wayne Kerr
Director
Office of State Programs
U.S. Nuclear Regulatory Commission
4550 Montgomery Avenue, Rm. 5301
Bethesda, Maryland 20814

Dear Mr. Kerr:

This letter is in response to the November 17, 1986, letter sent to you by Mr. John R. Longenecker, Deputy Assistant Secretary for Uranium Enrichment, Office of Nuclear Energy, U.S. Department of Energy (DOE). In that letter, Mr. Longenecker, on behalf of DOE, recommended against transferring licensing of the Allied Signal Company uranium conversion facility in Metropolis, Illinois, from the U.S. Nuclear Regulatory Commission ("NRC") to the State of Illinois. While I share Mr. Longenecker's concern for the common defense and security of the United States, I am unable to see how it would be endangered by the proposed transfer.

The DOE concern, as I understand it, is that the Allied Signal facility might become the sole U.S. supplier of uranium conversion services because operations at the Kerr-McGee facility in Oklahoma might be discontinued for economic reasons. The national security interests might then be threatened if the Allied Signal facility is licensed by the State of Illinois rather than the NRC because of the need of uranium hexafluoride for both commercial nuclear power generation and military purposes. The letter leaves completely unclear why DOE believes that the NRC's regulation of the Allied Signal facility would protect national interests better than regulation by Illinois as an Agreement State.

The framework for transfer of regulatory jurisdiction from the NRC to a state is well-defined. As stated by the NRC in In the Matter of the Petition of Sunflower Coalition (CLI-81-13, June 24, 1981):

*** Section 274 of the Atomic Energy Act permits the Commission to cede to the States jurisdiction to regulate source materials, byproduct materials and small quantities of special nuclear materials. The procedures and criteria for

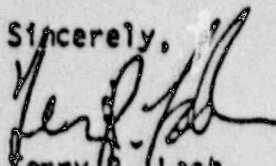
Enclosure 3

doing so are carefully spelled out in the statute. The Commission is authorized to cede its jurisdiction over nuclear materials if it finds that the state program is 'in accordance with subsection o', 'compatible with the Commission's program' and 'adequate to protect the public health and safety.'

As recognized by NRC staff, the State of Illinois has complied with the terms and criteria "carefully spelled out in the statute." The State's program is in accordance with the Atomic Energy Act and is adequate to protect public health and safety with respect to the materials covered by the proposed agreement. DOE's last minute, vague reference to a speculative threat to the "national interest" should not dissuade the NRC from entering into the proposed agreement with the Governor of the State of Illinois.

I would like to point out finally that an agreement between the NRC and State of Illinois would not affect the authority of the NRC to issue orders to protect the common defense and security. 42 U.S.C. Sec. 2021(m). In real, as opposed to a speculative, threat were to arise, NRC would be required to take appropriate action regardless of the agreement.

Sincerely,



Perry R. Lash
Director

OCT 31 1983

10a
Ref: SA/JOL

MEMORANDUM FOR: John Glenn, Region I
Richard Woodruff, Region II
Robert Doda, Region IV
Ralph Heyer, Region IV
Jack Hornor, Region V

FROM: Donald A. Nussbaumer
Assistant Director for
State Agreements Program
Office of State Programs

SUBJECT: INTERIM GUIDANCE RE STATE NEEDS FOR ACCESS TO
CLASSIFIED INFORMATION

We recently received an inquiry from an Agreement State concerning their needs for inspecting State licensees using licensed materials at a facility where access is restricted for national security purposes. The following should serve as interim guidance for responding to such requests.

As a general observation, it is useful to remember that State licensees have an obligation to be aware of and comply with State statutes and regulations regarding making their facilities and operations accessible to State inspectors at reasonable times. In our view, if national security requirements impose restrictions on access, then it should be the State licensee's responsibility to work with the State to find solutions to also permit compliance with the State requirement for access.

The first step for a State is to ask the licensee to reconfirm that State inspectors' access to the information or facility cannot be permitted because of national security reasons.

The second step is for the State to determine if the information needed for a State inspection can be segregated from other, classified information. For example, can health physics related records (e.g., personnel monitoring reports) be brought out for inspection by the State inspector? Similarly, can employees be brought out for interviews by the State inspector? A determination should also be made as to whether or not observations or independent measurements by the State inspector in areas where access is limited for security purposes is essential to the inspection. If they are needed, can arrangements be made by the licensee to temporarily provide visual screens or otherwise prevent

Enclosure 4

observation of classified activities in the area. This approach has been successfully used by States in the past.

A third step is for the State licensee to fund the costs for obtaining a security clearance for a State employee. This approach has also been used in the past by an Agreement State. In such cases, it would be preferable to nominate a senior level State radiation control program member for such clearance.

In cases involving SNM, another approach may be possible, viz., the licensee may wish to increase its licensed quantity limit for SNM to above "trigger" quantities, and so be required to apply to NRC for a license.

A fifth approach is to arrange for a person possessing proper clearance and technical qualifications to assist the State inspector, e.g., a consultant.

A sixth approach is a variation of the fifth and is to be used only if the above steps are unsuccessful. In this approach, the State can request NRC to make available a properly qualified person to assist the State inspector. It is important to stress to the State that the NRC employee is to participate in the State inspection only for those portions of the inspection requiring access to classified information. These should be pre-identified prior to the inspection. All other aspects of the inspection should be conducted by the State inspector.

In general, the fact that licensed materials are used in facilities where national security requirements apply, does not, ipso facto, preclude State inspectors having no clearance from performing an adequate inspection. In these cases, licensees should be encouraged by the State to fulfill their obligations to comply with State requirements for providing access to inspectors by exploring the above approaches.

Similar problems may also arise in filing a license application. Here, too, the licensee must comply with State requirements, in this case, to provide the State with sufficient information to permit a determination by the State that an adequate basis exists for issuing the license. Again, the licensee has an obligation to work with the State to find solutions that permit compliance with both State and national security requirements.

In cases where NRC assistance to an Agreement State is needed, such assistance may be coordinated with the A/D, OSP/SA and the Division of Security.

Original Signed by
DONALD A. NUSSBAUMER

Distribution:
SA R/F
Dir R/F
JOLubenau
Regions (fc) general
RSLO's
RJPrady, SEC

Donald A. Nussbaumer
Assistant Director for
State Agreements Program
Office of State Programs

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ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Telephone 312/972-3101

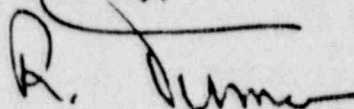
May 9, 1985

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 April 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. A. Nixon
R. A. Brown, Jr.

ANL/DOE-CH:

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

85 48/60285 (30)

TECHNICAL REPORT LETTER
for Month of April 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.: 8M482

Prepared by (sign):

Stanley Tsai

Date: 5-9-85

1. Efforts completed during the month of April 1985.
 - Responses to the interrogatories were finalized and submitted along with the team members' affidavits and resumes to NRC on April 19, 1985.
 - Prepared schedule and cost estimate for the preparation of supplemental environmental impact statement (SEIS).
 - NRC staff visited ANL on April 24, 1985, to discuss schedule and cost estimate for the SEIS and to review document files for West Chicago project.
 - Prepared NRC Form 189 for SEIS.
2. A summary of cost to date is provided on a separate sheet.

FIN A21574

ACCOUNT 8M482

TITLE LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

BAR 40-10-01-05

CURRENT MONTH

YEAR-TO-DATE

TOTALS FOR: 8M482 LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

I. EFFORT:

DIRECT MAN-MONTHS	.50	7.80
TECHNICAL SERVICES MAN-MONTHS *		.60
	-----	-----
TOTAL EFFORT	.50	8.40

II. COSTS:

DIRECT LOADED LABOR COSTS	2,215.00	31,160.40
MATERIALS AND SERVICES	23.52	2,466.11
ADP SUPPORT	8.69	540.17
TRAVEL	49.69	2,903.44
GENERAL AND ADMINISTRATIVE	1,624.19	22,759.57
	-----	-----
TOTAL COST	3,821.71	59,829.69

III. FUNDING STATUS:

PRIOR FY 84 CARRYOVER	FY85 PROJECTED FUNDING LEVEL	FY85 FUNDS RECD TO DATE	FY85 FUNDING BAL. NEEDED
\$67	\$216	\$50	\$99

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

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Telephone 312/972-3101

April 15, 1985

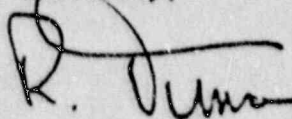
Mr. Charles Beckwith
DOE/NRC Coordinator
Office of Resource Management
U. S. Nuclear Regulatory Commission
Maryland National Bank Building
7735 Old Germantown Road
Bethesda, MD 20555

R. S. B...

Dear Mr. Beckwith:

Attached is the February 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. A. [redacted]~~

ANL/DOE-CH:

B. Carlan, BUD

R. J. Dalton, DOE-CH

R. H. Huebner, OTD

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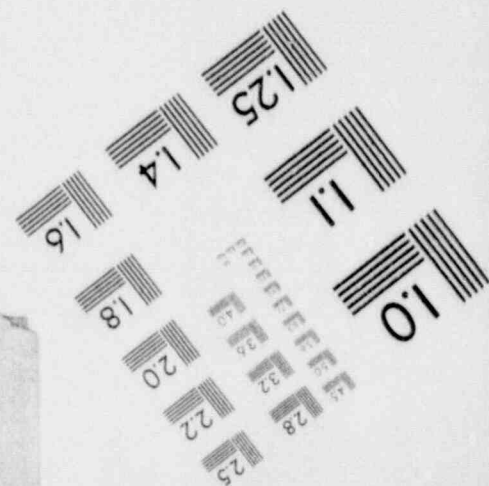
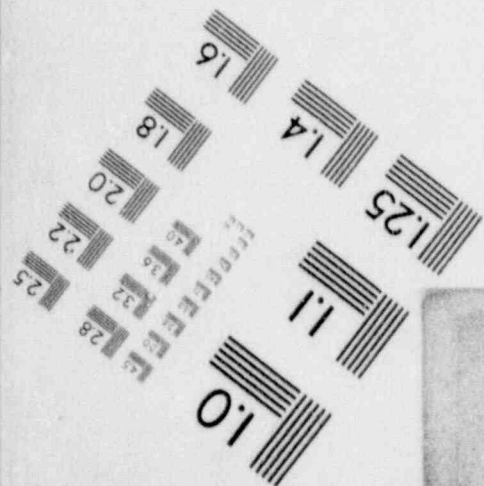
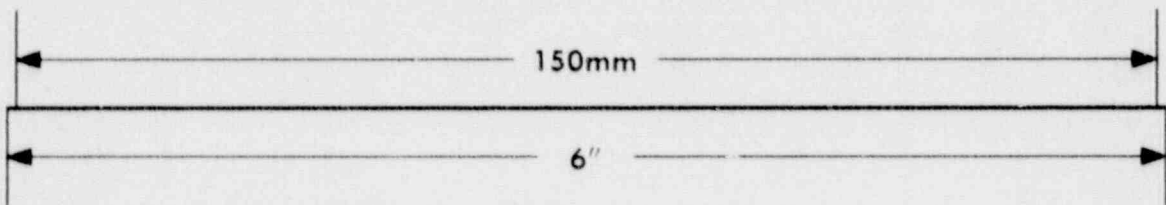
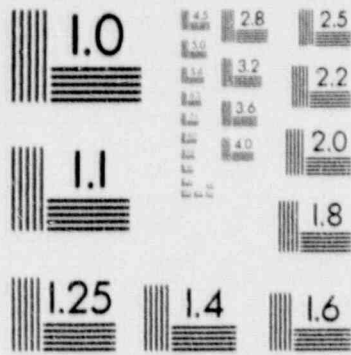
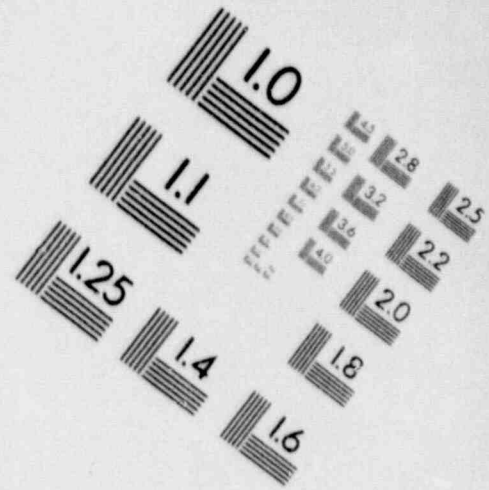
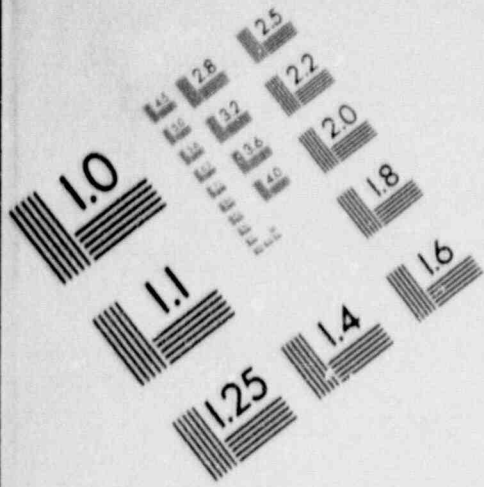
TECHNICAL REPORT LETTER

for Month of February 1985NRC FIN A21572Project Title: Licensing Program Support - Environmental Review AssistanceNRC Project Manager: W. A. NixonANL Principal Investigator(s): S. Y. TsaiANL Account No.: BM482Prepared by (sign): *Stuyts*Date: 4/15/85

1. Efforts completed during the month of February 1985.
 - ANL and NRC staff visited Covington and Burlings office (Kerr-McGee's legal counselor) in Washington, DC on February 13-15, 1985, to review their document file for the West Chicago project.
 - Reviewed comments on the responses to the second set of interrogatories.
2. A summary of costs to date is provided on a separate sheet.

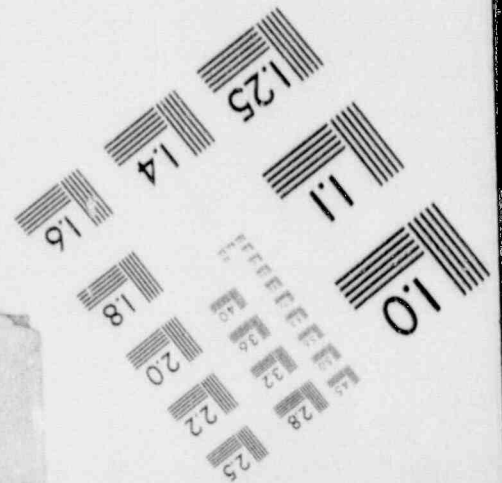
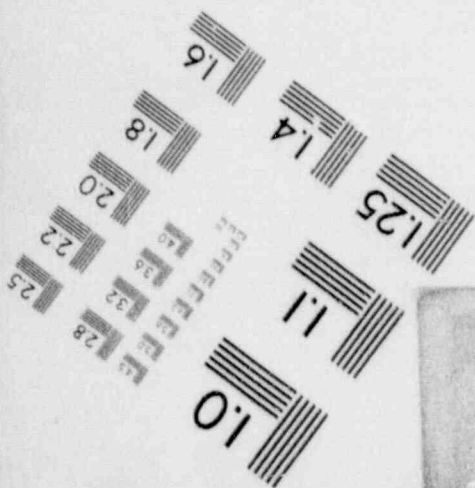
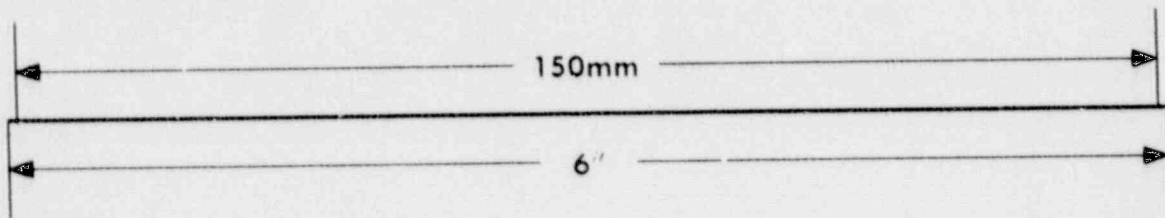
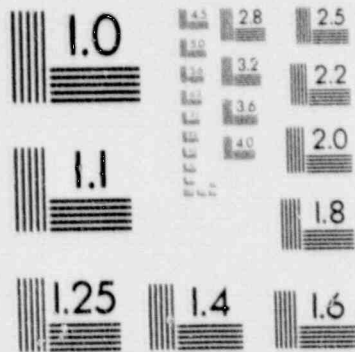
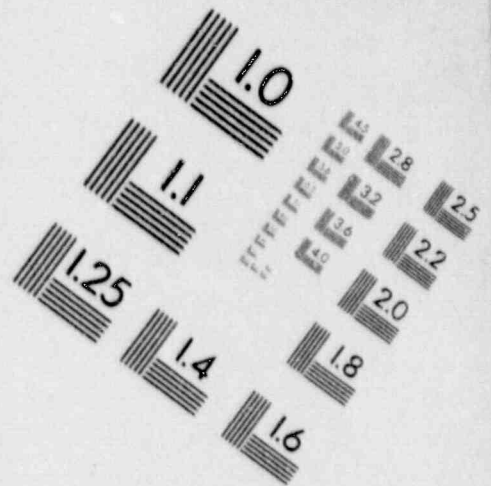
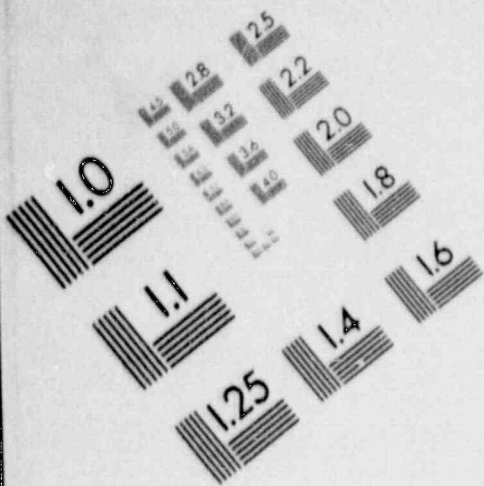
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IMAGE EVALUATION TEST TARGET (MT-3)



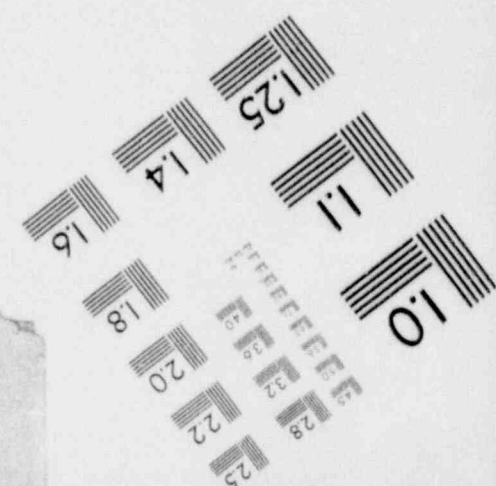
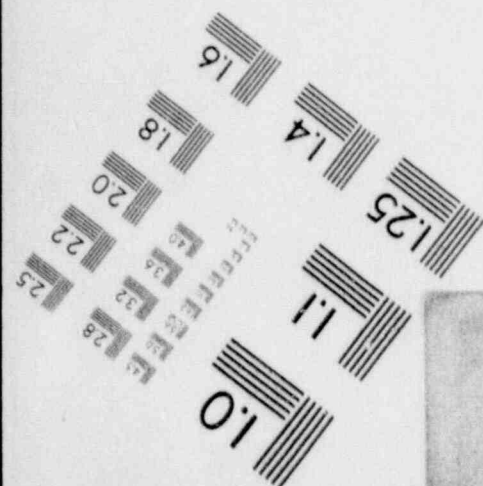
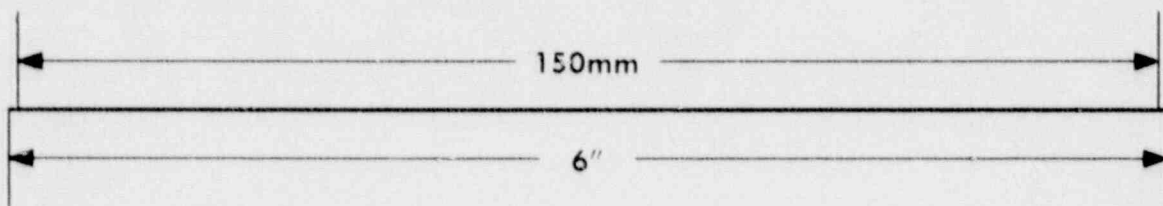
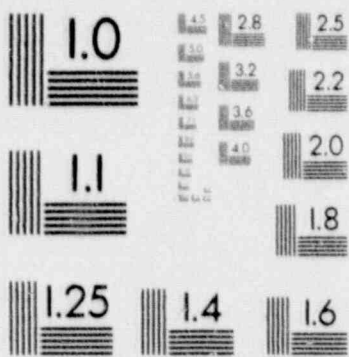
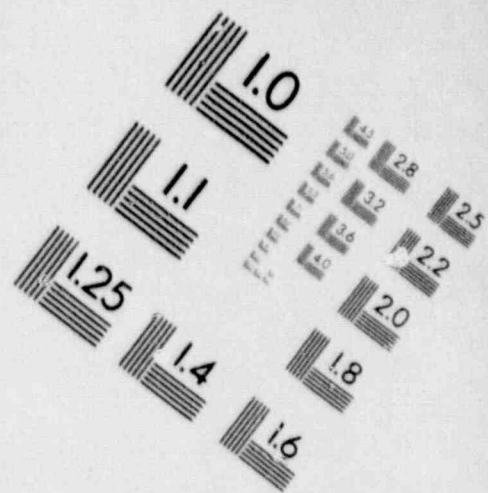
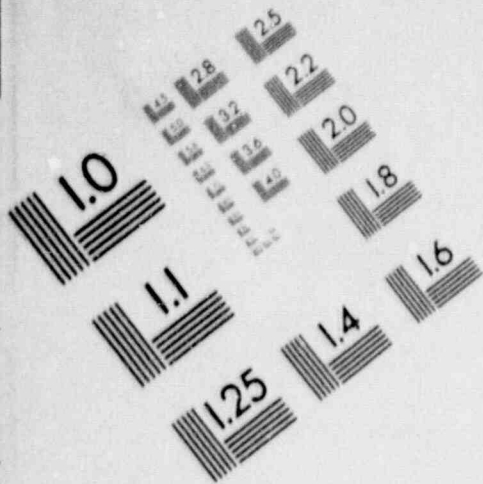
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IMAGE EVALUATION TEST TARGET (MT-3)



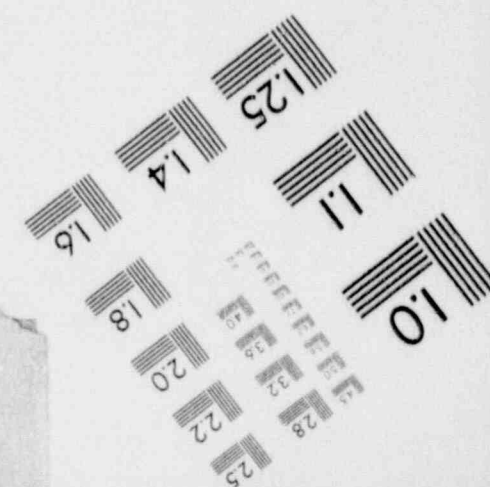
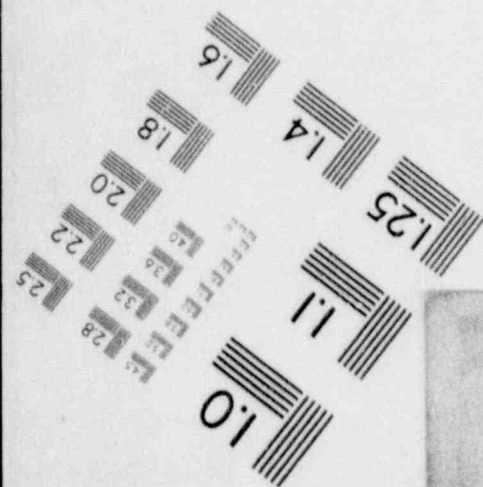
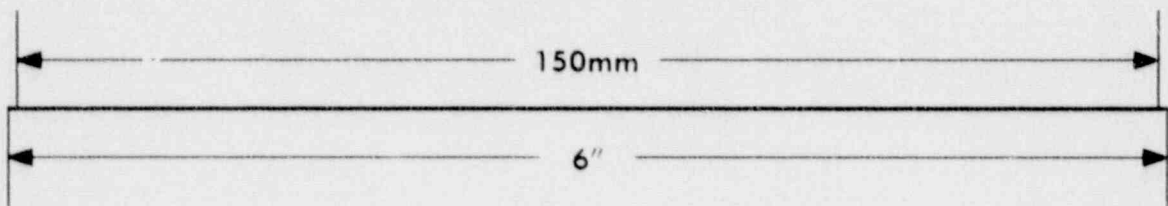
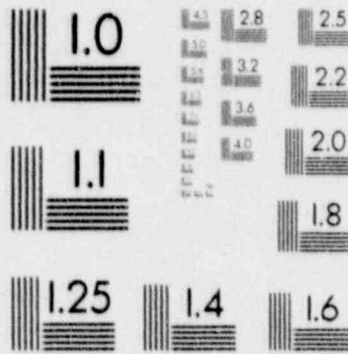
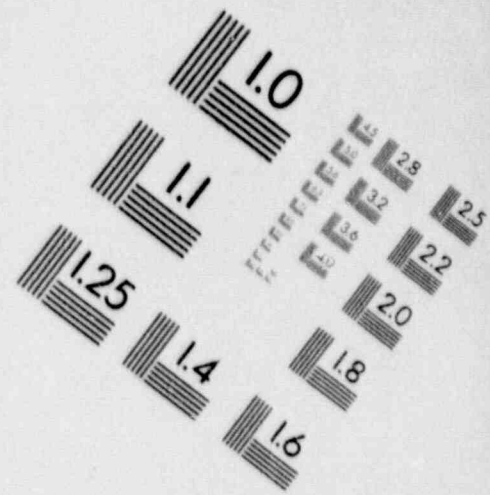
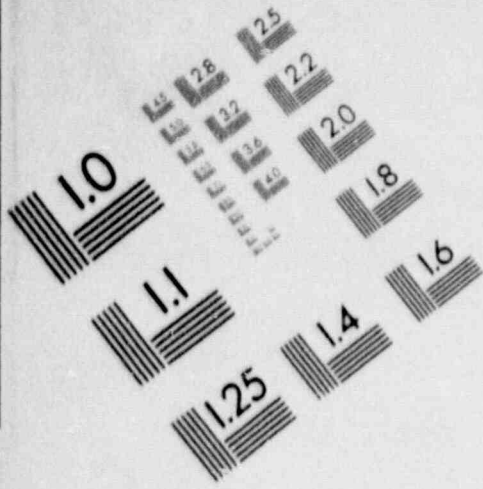
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IMAGE EVALUATION TEST TARGET (MT-3)



1

IMAGE EVALUATION TEST TARGET (MT-3)



FIN A21574 ACCOUNT 8M482 TITLE LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

B&R 40-10-01-05 CURRENT MONTH YEAR-TO-DATE

TOTALS FOR: 8M482 LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

I. EFFORT:

DIRECT MAN-MONTHS	.80	6.80
TECHNICAL SERVICES MAN-MONTHS *		.60
	-----	-----
TOTAL EFFORT	.80	7.40

II. COSTS:

DIRECT LOADED LABOR COSTS	3,059.20	26,972.80
MATERIALS AND SERVICES	3.62	2,320.59
ADP SUPPORT	259.88	523.61
TRAVEL	725.00	2,953.13
GENERAL AND ADMINISTRATIVE	2,371.33	19,772.15
	-----	-----
TOTAL COST	6,419.03	52,602.28

III. FUNDING STATUS:

PRIOR FY 84 CARRYOVER	FY85 PROJECTED FUNDING LEVEL	FY85 FUNDS RECD TO DATE	FY 85 FUNDING BAL. NEEDED
\$67	\$244	\$0	\$177.5

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

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Telephone 312/972-3101

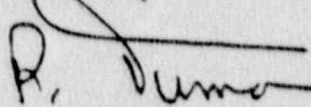
February 20, 1985

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 January 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:



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

8508160191

(3pp)

TECHNICAL REPORT LETTER

for Month of January 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.: 8M482

Prepared by (sign):

Stewart

Date: February 18, 1985

1. Efforts completed during the month of January 1985.
 - A meeting between ANL and NRC staff was held at ANL on January 23, 1985, to discuss the second set of interrogatories submitted by the State of Illinois.
 - ANL and NRC staff visited the Illinois Attorney General's office in Chicago on January 24, 1985, to review their document file for the West Chicago project.
 - Responses to the second set of interrogatories have been completed and sent to NRC for review on January 31, 1985.
2. A summary of costs to date is provided on a separate sheet.

FIN A21574

ACCOUNT 8M482

TITLE LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

B&R 40-10-01-05

CURRENT MONTH

YEAR-TO-DATE

TOTALS FOR: 8M482 LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

I. EFFORT:

DIPECT MAN-MONTHS	2.90	6.00
TECHNICAL SERVICES MAN-MONTHS *		.60
	-----	-----
TOTAL EFFORT	2.90	6.60

II. COSTS:

DIPECT LOADED LABOR COSTS	10,840.00	23,913.60
MATERIALS AND SERVICES	23.87	2,376.97
ADP SUPPORT	115.09	263.73
TRAVEL		2,228.13
GENERAL AND ADMINISTRATIVE	7,787.77	17,400.82
	-----	-----
TOTAL COST	18,766.73	46,183.25

III. FUNDING STATUS:

PRIOR FY84 CARRYOVER	FY 85 PROJECTED FUNDING LEVEL	FY 85 FUNDS RECD TO DATE	FY85 FUNDING BAL. NEEDED
\$67	\$244	\$0	\$177.5

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

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

TELEPHONE 312/972-3101

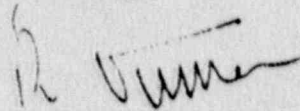
January 17, 1985

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 December 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:

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

~~8508160188~~
(318)

TECHNICAL REPORT LETTER

for Month of December 1984

NRC FIN A21572

Project Title: Licensing Program Support - Environmental Review Assistance

NRC Project Manager: W. A. Nixon

ANL Principal Investigator(s): S. Y. Tsal

ANL Account No.: 8M482

Prepared by (sign):

Steuyl Tsai

Date: Jan. 15, 1985

1. Efforts completed during the month of December 1984.
 - . ANL team members have reviewed the second set of interrogatories submitted by the people of the State of Illinois concerning the decommissioning of Kerr-McGee's West Chicago site.
 - . Preparation of responses has begun and is expected to be completed by the end of January 1985.
2. A summary of costs to date is provided on a separate sheet.

FIN A21574

ACCOUNT 8M482

TITLE LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

B&R 40-10-01-05

CURRENT MONTH

YEAR-TO-DATE

TOTALS FOR: 8M482 LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

I. EFFORT:

DIRECT MAN-MONTHS	.60	3.10
TECHNICAL SERVICES MAN-MONTHS *		.60
TOTAL EFFORT	----- .60	----- 3.70

II. COSTS:

DIRECT LOADED LABOR COSTS	2,574.60	13,073.60
MATERIALS AND SERVICES		2,353.10
ADP SUPPORT	72.44	148.64
TRAVEL	71.87-	2,228.13
GENERAL AND ADMINISTRATIVE	1,648.25	9,613.05
TOTAL COST	----- 4,223.42	----- 27,416.52

III. FUNDING STATUS:

PRIOR FY 84 CARRYOVER	FY 85 PROJECTED FUNDING LEVEL	FY85 FUNDS RECD TO DATE	FY 85 FUNDING BAL. NEEDED
\$67	\$244	\$0	\$177.5

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

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

TELEPHONE 312/972-3101

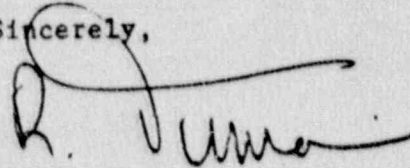
January 2, 1985

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 November 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. A. Nixon

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

~~854816 4181~~
(3pp)

TECHNICAL REPORT LETTER

for Month of November 1984NRC FIN A21572Project Title: Licensing Program Support - Environmental Review AssistanceNRC Project Manager: W. A. NixonANL Principal Investigator(s): S. Y. TsalANL Account No.: 8M482

Prepared by (sign):

*Stuey Tsai*Date: December 21, 1984

1. Efforts completed during the month of November 1984.
 - . Written testimony on the admitted contentions has been completed and submitted to NRC for review on November 6, 1984.
 - . As requested by NRC, an estimate of time and effort required to prepare a Supplemental Environmental Impact Statement has been prepared and submitted to NRC for review on November 14, 1984.
2. A summary of costs to date is provided on a separate sheet.

FIN A21574

ACCOUNT 8M482

TITLE LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

B&R 40-10-01-05

CURRENT MONTH

YEAR-TO-DATE

TOTALS FOR: 8M482 LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

I. EFFORT:

DIRECT MAN-MONTHS	.70	2.50
TECHNICAL SERVICES MAN-MONTHS *	.60	.60
	-----	-----
TOTAL EFFORT	1.30	3.10

II. COSTS:

DIRECT LOADED LABOR COSTS	2,775.20	10,499.00
MATERIALS AND SERVICES	2,318.15	2,353.10
AGP SUPPORT	52.19	76.20
TRAVEL		2,300.00
GENERAL AND ADMINISTRATIVE	2,639.94	7,964.80
	-----	-----
TOTAL COST	7,785.48	23,193.10

III. FUNDING STATUS:

PRIOR FY 84 CARRYOVER	FY 85 PROJECTED FUNDING LEVEL	FY 85 FUNDS RECD TO DATE	FY 85 FUNDING BAL. NEEDED
\$67	\$244	\$0	\$177.5

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

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

TELEPHONE 312/972-3101

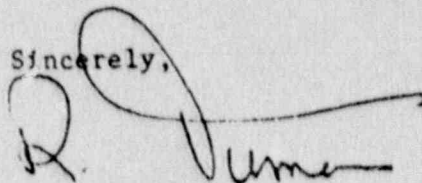
November 12, 1984

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 September 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:

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

~~8548164168~~
(3P)

TECHNICAL REPORT LETTER

for Month of September 1984

NRC FIN A21572

Project Title: Licensing Program Support - Environmental Review Assistance

NRC Project Manager: W. A. Nixon

ANL Principal Investigator(s): S. Y. Tsel

ANL Account No.: 84482

Prepared by (sign):

Stueffler

Date: November 9, 1984

1. Efforts completed during the month of September 1984.
 - . Responses to the first set of interrogatories submitted by the State of Illinois have been completed and sent to NRC for review on September 28, 1984.
 - . Team members are preparing written testimony on the admitted contentions.
2. A summary of costs to date is provided on a separate sheet.

FIN A21574

ACCOUNT 8H482

TITLE LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

BAR 40-10-01-05

CURRENT MONTH

YEAR-TO-DATE

TOTALS FOR: 8H482 LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

I. EFFORT:

DIRECT MAN-MONTHS	.80	5.20
TOTAL EFFORT	----- .80	----- 5.20

II. COSTS:

DIRECT LOADED LABOR COSTS	3,601.32	20,049.52
MATERIALS AND SERVICES		265.03
ADP SUPPORT	28.91	111.37
GENERAL AND ADMINISTRATIVE	2,016.09	12,614.10
TOTAL COST	----- 5,726.32	----- 33,040.02

III. FUNDING STATUS:

PRIOR FY 83
CARRYOVER

FY 84 PROJECTED
FUNDING LEVEL

FY 84 FUNDS
REC'D TO DATE

FY84 FUNDING
BAL. NEEDED

\$0

\$100

\$160

\$0

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

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

TELEPHONE 312/972-3101

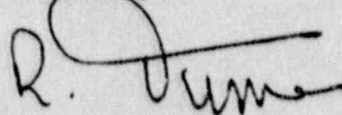
November 6, 1984

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 August 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:
~~_____~~

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

854816 0162
(B/R)

TECHNICAL REPORT LETTER
for Month of August 1984
NRC FIN A21572

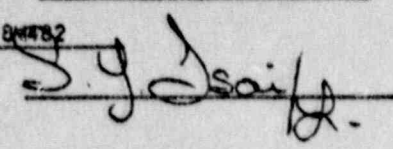
Project Title: Licensing Program Support - Environmental Review Assistance

NRC Project Manager: W. A. Nixon

ANL Principal Investigator(s): S. Y. Tsai

ANL Account No.: 844782

Prepared by (sign):



Date: October 2, 1984

1. Efforts completed during the month of August 1984.
 - . Team members are preparing answers to the first set of interrogatories submitted by the State of Illinois.
 - . Potential witnesses are preparing full written testimony on each of the admitted contentions.
2. A summary of costs to date is provided on a separate sheet.

FIN A21574

ACCOUNT 8M482

TITLE LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

B&R 40-10-01-05

CURRENT MONTH

YEAR-TO-DATE

TOTALS FOR: 8M482 LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

I. EFFORT:

DIRECT MAN-MONTHS	.20	4.40
TOTAL EFFORT	----- .20	----- 4.40

II. COSTS:

DIRECT LOADED LABOR COSTS	859.60	16,448.20
MATERIALS AND SERVICES		265.83
ADP SUPPORT	43.76	82.45
GENERAL AND ADMINISTRATIVE	510.89	10,518.01
TOTAL COST	----- 1,414.25	----- 27,314.50

III. FUNDING STATUS:

PRIOR FY 83 CARRYOVER	FY 84 PROJECTED FUNDING LEVEL	FY 84 FUNDS RECD TO DATE	FY 84 FUNDING BAL. NEEDED
\$0	\$100	\$160	\$0

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

ARGONNE NATIONAL LABORATORY
9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

TELEPHONE 312/972-3101

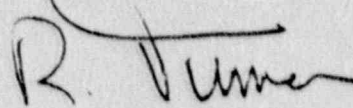
August 13, 1984

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. A. Nixon }

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

~~8508160153~~
(30)

FIN A21574

ACCOUNT 8M482

TITLE LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

B&R 40-10-01-05

CURRENT MONTH

YEAR-TO-DATE

TOTALS FOR: 8M482 LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

I. EFFORT:

DIRECT MAN-MONTHS	.30	4.20
TOTAL EFFORT	.30	4.20

II. COSTS:

DIRECT LOADED LABOR COSTS	1,043.10	15,558.60
MATERIALS AND SERVICES	75.31	265.63
ADP SUPPORT	7.80	39.70
GENERAL AND ADMINISTRATIVE	712.67	10,007.12
TOTAL COST	1,838.88	25,900.25

III. FUNDING STATUS:

PRIOR FY 83
CARRYOVER

\$0

FY 84 PROJECTED
FUNDING LEVEL

\$100

FY 84 FUNDS
RECD TO DATE

\$160

FY 84 FUNDING
BAL. NEEDED

\$0

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

TECHNICAL REPORT LETTER

for Month of July 1984NRC FIN A21572Project Title: Licensing Program Support - Environmental Review AssistanceNRC Project Manager: W. A. NixonANL Principal Investigator(s): S. Y. TsaiANL Account No.: BM482

Prepared by (sign):

*Stewart Tsai*Date: August 10, 1984

1. Efforts completed during the month of July 1984:
 - Preliminary works have been performed to study cost-benefit for the proposed decommissioning alternatives. The study was later put on hold by W. Nixon.
 - ANL received ten contentions which have been admitted for the ASLB hearings for the project.
 - Identification of potential witnesses for the contentions has been completed.
 - Potential witnesses are currently studying the contentions.
2. ANL continues awaiting comments from NRC on the draft report for the evaluation of Kerr-McGee's proposed decommissioning plan with the EPA's standards.
3. A summary of costs to date is provided on a separate sheet.

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

TELEPHONE 312/972³101

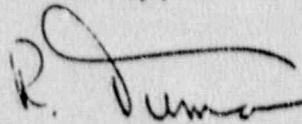
April 25, 1984

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 March 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. A. Nixon~~

ANL/DOE-CH:

B. Carlan, BUD

R. J. Dalton, DOE-CH

R. H. Huebner, OTD

8568160133
(3pp)

REPORT 153-D-40 PROJECT REPORTING TO THE NUCLEAR REGULATORY COMMISSION FOR MARCH 1984
 ARGONNE NATIONAL LABORATORY 04/05/84

FIN A21572 ACCOUNT 84482 TITLE LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE
 84R 40-10-01-05 CURRENT MONTH YEAR-TO-DATE

TOTALS FOR: 84482 LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

I. EFFORT:			
DIRECT MAN-MONTHS	1.10	1.10	
TOTAL EFFORT	----- 1.10	----- 1.10	
II. COSTS:			
DIRECT LOADED LABOR COSTS	3,988.90	3,988.90	
ADP SUPPORT	25.82	25.82	
GENERAL AND ADMINISTRATIVE	2,586.26	2,586.26	
TOTAL COST	----- 6,600.98	----- 6,600.98	

III. FUNDING STATUS:			
PRIOR FY 83 CARRYOVER	\$0		
FY 84 PROJECTED FUNDING LEVEL	\$100		
FY 84 FUNDS REC'D TO DATE	\$160		
FY 84 FUNDING BAL. NEEDED	\$0		

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

TECHNICAL REPORT LETTER

for Month of March 1984NRC FIN A21572Project Title: Licensing Program Support - Environmental Review AssistanceNRC Project Manager: W. A. NixonANL Principal Investigator(s): S. Y. TsaiANL Account No.: BM482Prepared by (sign): *S. Y. Tsai*Date: 4-25-84

1. Efforts completed during the month of March 1984:
 - New EPA standards (October 1983) governing stabilization of uranium and thorium mill tailings and residues were reviewed by the team.
 - Draft outline for the compliance evaluation report was formulated and reviewed by team members.
2. No problems or delays encountered or anticipated at this time.
3. A summary of costs to date is provided on a separate sheet.
4. Draft report for the compliance evaluation of Kerr-McGee stabilization plan will be completed by the end of April 1984.

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

*File 3.5 (A2157)
Loosley*

TELEPHONE 312/972-3117

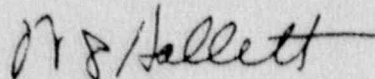
June 10, 1983

John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed is a copy of the ANL/ER Monthly Report for the month ending May 31, 1983.

Sincerely,



W. J. Hallett
Deputy Director
Environmental Research
Division

WJH:na
Enc.

cc: D. Loosley

~~8508160378~~
(388)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending May 31, 1983.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Kerr-McGee (A2157) - P. C. Chee, Project Leader

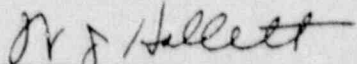
Original mats and four copies of the final Kerr-McGee EIS were sent to NRC on May 3. No further work is anticipated on this phase of the project. The ER Division would be pleased to assist NMSS in meeting future project needs.

B. BUDGET

The cost report for May is attached.

C. REMARKS

None.



W. J. Hallett, Deputy Director
Environmental Research Division

B. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through May 31, 1983
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost ⁺² (K\$)			Supportive ⁺¹ Cost (K\$)			Total Cost (K\$)		
		May 1983	FY 1983	Total To Date	May 1983	FY 1983	Total To Date	May 1983	FY 1983	Total To Date	May 1983	FY 1983	Total To Date	May 1983	FY 1983	Total To Date	May 1983	FY 1983	Total To Date
A2157	Kerr-McGee	1.5	13.3	48.5	7.9	71.7	251.1	1.3	2.8	40.1	-	0.3	2.1	2.1	17.3	20.8	11.3	91.8	312.0

+1 Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

+2 "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

U.S. DEPARTMENT OF ENERGY

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Telephone 312/972-3117

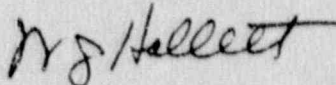
May 9, 1983

John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed is a copy of the ANL/EIS Monthly Report for the month ending April 30, 1983.

Sincerely,



W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

WJH:na
Enc.

cc: D. Loosley

850816 0377
(3PP)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending April 30, 1983.

A. STATUS OF ENVIRONMENTAL STATEMENTS

- . Kerr-McGee (A2157) - P. C. Chee, Project Leader

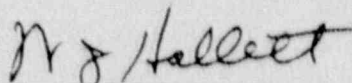
Revisions and corrections were made for the final version of the environmental impact statement. The final document should be completed and shipped in early May.

B. BUDGET

The cost report for April is attached.

C. REMARKS

None.



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

B. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through April 30, 1983
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost ⁺² (K\$)			Supportive ⁺¹ Cost (K\$)			Total Cost (K\$)		
		Apr. 1983	FY 1983	Total To Date	Apr. 1983	FY 1983	Total To Date	Apr. 1983	FY 1983	Total To Date	Apr. 1983	FY 1983	Total To Date	Apr. 1983	FY 1983	Total To Date	Apr. 1983	FY 1983	Total To Date
A2157	Kerr-McGee	0.6	11.8	47.0	3.2	63.8	259.9	0.1	1.5	60.0	-	0.2	1.8	0.7	15.2	18.7	4.0	80.5*	292.3*

+¹ Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

+² "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

* Total for FY83 is correct. Total to date reduced by = \$77K to correct = \$62K clerical error in Sept. 82 and \$15K in rounding errors since Dec. 1979.

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Loosley

3.5 (A 2157)

Telephone 312/972-3117

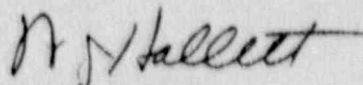
April 18, 1983

John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are four copies of the ANL/EIS Monthly Report for the month ending March 31, 1983.

Sincerely,



W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

/amw
Enc. (2)

cc: W. T. Crow
D. Loosley
W. A. Nixon
R. G. Page

~~850816 0381~~
(30)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending March 31, 1983.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Kerr-McGee (A2157) - P. C. Chee, Project Leader

A meeting was held with Bill Nixon to discuss the schedule for completion of the final EIS. Text changes/additions were made in response to comments by NRC.

B. BUDGET

The cost report for March is attached.

C. REMARKS

None.



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

B. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through March 31, 1983
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost+2 (K\$)			Supportive+1 Cost (K\$)			Total Cost (K\$)		
		Mar. 1983	FY 1983	Total To Date	Mar. 1983	FY 1983	Total To Date	Mar. 1983	FY 1983	Total To Date	Mar. 1983	FY 1983	Total To Date	Mar. 1983	FY 1983	Total To Date	Mar. 1983	FY 1983	Total To Date
A2157	Kerr-McGee	0.2	11.2	46.4	5.8*	60.6	256.7	-	1.4	59.9	--	--	1.6	1.4	14.5	18.0	7.2	76.5	364.8

+1 Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

+2 "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

* Includes rate increase for all effort expended in FY83.

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

~~file 2.5 (A2157)~~

Telephone 312/972-3117

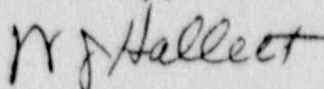
March 11, 1983

John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are four copies of the ANL/EIS Monthly Report for the month ending February 28, 1983.

Sincerely,



W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

/amw
Enc. (2)

cc: W. T. Crow
D. Loosley
W. A. Nixon
R. G. Page

~~8508160353~~
(38)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending February 28, 1983.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Kerr-McGee (A2157) - P. C. Chee, Project Leader

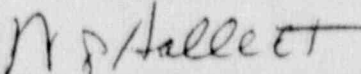
Text revisions and an Appendix containing comments and responses organized in the format for the final environmental statement were completed and forwarded to NMSS.

B. BUDGET

The cost report for February is attached.

C. REMARKS

None.



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

B. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through February 28, 1983
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost ⁺² (K\$)			Supportive ⁺¹ Cost (K\$)			Total Cost (K\$)		
		Feb. 1983	FY 1983	Total To Date	Feb. 1983	FY 1983	Total To Date	Feb. 1983	FY 1983	Total To Date	Feb. 1983	FY 1983	Total To Date	Feb. 1983	FY 1983	Total To Date	Feb. 1983	FY 1983	Total To Date
A2157	Kerr-McGee	0.9	11.0	46.2	4.1	54.8	250.9	(0.1)	1.4	59.9	--	--	1.6	0.9	13.1	16.6	4.9	69.3	357.6

+¹ Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

+² "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

~~3/1/83~~
File 2.5 (A2157)

Telephone 312/972-3117

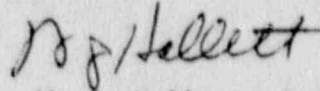
February 18, 1983

John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are four copies of the ANL/EIS Monthly Report for the month ending January 31, 1983.

Sincerely,



W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

/amw
Enc. (2)

cc: W. T. Crow
D. Loosley
W. A. Nixon
R. G. Page

~~85p8/6p325~~
(3p)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending January 31, 1983.

A. STATUS OF ENVIRONMENTAL STATEMENTS

- . Kerr-McGee (A2157) - P. C. Chee, Project Leader

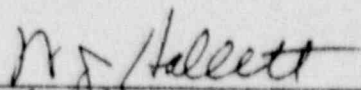
NRC comments on the draft FES were implemented. Text revisions were made and the comments and responses were organized in final form as an appendix to the environmental statement. It is expected that the material prepared would be transmitted in early February.

B. BUDGET

The cost report for January is attached.

C. REMARKS

None.



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

B. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through January 31, 1983
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost ⁺² (K\$)			Supportive ⁺¹ Cost (K\$)			Total Cost (K\$)		
		Jan. 1983	FY 1983	Total To Date	Jan. 1983	FY 1983	Total To Date	Jan. 1983	FY 1983	Total To Date	Jan. 1983	FY 1983	Total To Date	Jan. 1983	FY 1983	Total To Date	Jan. 1983	FY 1983	Total To Date
A2157	Kerr-McGee	1.4	10.1	45.3	6.3	50.7	246.8	0.2	1.5	61.0	--	--	1.6	1.5	12.2	15.7	8.0	64.4	352.7

+¹ Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

+² "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

1. Claudio
2. File 25 (A 2157)

Telephone 312/972-3117

January 20, 1983

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are four copies of the ANL/EIS Monthly Report for the month ending December 31, 1982.

Sincerely,

W. J. Hallett
W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

/amw
Enc. (2)

cc: W. T. Crow
D. Loosley
W. A. Nixon
R. G. Page

~~8568160387~~

(318)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending December 31, 1982.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Kerr-McGee (A2157) - P. C. Chee, Project Leader

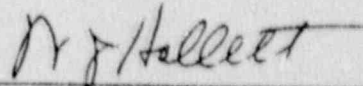
A preliminary draft of the FES was sent to NRC on December 22. This draft contains the public comments on the DES, ANL responses to the comments, revisions to the text, and an appendix describing the methodology for estimating costs.

B. BUDGET

The cost report for December is attached.

C. REMARKS

None.



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

B. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through December 31, 1982
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost ⁺² (K\$)			Supportive ⁺¹ Cost (K\$)			Total Cost (K\$)		
		Dec. 1982	FY 1983	Total To Date	Dec. 1982	FY 1983	Total To Date	Dec. 1982	FY 1983	Total To Date	Dec. 1982	FY 1983	Total To Date	Dec. 1982	FY 1983	Total To Date	Dec. 1982	FY 1983	Total To Date
A2157	Kerr-McGee	3.2	8.7	43.9	18.5	44.4	240.5	1.1	1.3	360.8	--	--	1.6	4.6	10.7	14.2	24.2	56.4	344.7

+1 Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

+2 "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Telephone 312/972-3107

December 17, 1982

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending November 30, 1982.

Sincerely,

W. J. Hallett

W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

/amw
Enc. (2)

*Radius distribution
as follows —*

- ~~J. E. Ayer~~
- W. T. Crow
- ~~R. E. Cunningham~~
- ~~J. J. Linehan~~
- D. Loosley
- ~~D. E. Martin~~
- ~~J. B. Martin~~
- W. A. Nixon
- R. G. Page
- ~~L. C. Rouse~~
- ~~R. A. Sciarano~~

8508160389 (3P)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending November 30, 1982.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Kerr-McGee (A2157) - P. C. Chee, Project Leader

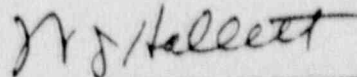
Text changes incorporating the alternatives suggested by the State of Illinois and U.S. EPA, as well as cost analyses for the various alternatives were made. An initial submittal of responses to comments was sent to NRC on November 24.

B. BUDGET

The cost report for November is attached.

C. REMARKS

None.



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

B. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through November 30, 1982
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost+2 (K\$)			Supportive+1 Cost (K\$)			Total Cost (K\$)		
		Nov. 1982	FY 1983	Total To Date	Nov. 1982	FY 1983	Total To Date	Nov. 1982	FY 1983	Total To Date	Nov. 1982	FY 1983	Total To Date	Nov. 1982	FY 1983	Total To Date	Nov. 1982	FY 1983	Total To Date
A2157	Kerr-McGee	3.8	5.5	40.7	17.0	25.9	222.0	0.2	0.2	359.7	--	--	1.6	4.0	6.1	9.6	21.2	32.2	320.5

+1 Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

+2 "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

~~Loosley~~
1. Claude ~~SR~~
2. File 3.5 (A215)
Telephone 312/972-3117

December 1, 1982

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending October 31, 1982.

Sincerely,

W. J. Hallett

W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

/amw
Enc. (2)

- cc: J. E. Ayer
- W. T. Crow
- R. E. Cunningham
- J. J. Linehan
- D. Loosley
- D. E. Martin
- J. B. Martin
- W. A. Nixon
- R. G. Page
- L. C. Rouse
- R. A. Scarano

8568160392
(38)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending September 30, 1982.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Kerr-McGee (A2157) - P. C. Chee, Project Leader

Functional engineering designs for the alternatives suggested by the State of Illinois and the U.S. EPA were prepared and a written draft is now being produced. Assignments for responding to comments on the DES were made and responses are being prepared. Work on an independent analysis of the costs associated with the various alternatives has started.

B. BUDGET

The cost report for October is attached.

C. REMARKS

None.



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

B. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through October 31, 1982
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost ⁺² (K\$)			Supportive ⁺¹ Cost (K\$)			Total Cost (K\$)		
		Oct. 1982	FY 1983	Total To Date	Oct. 1982	FY 1983	Total To Date	Oct. 1982	FY 1983	Total To Date	Oct. 1982	FY 1983	Total To Date	Oct. 1982	FY 1983	Total To Date	Oct. 1982	FY 1983	Total To Date
A2157	Kerr-McGee	1.7	1.7	36.9	8.9	8.9	205.0	--	--	359.5	--	--	1.6	2.1	2.1	5.6	11.0	11.0	299.3

⁺¹ Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.
⁺² "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Telephone 312/972-3117

1. 2. 3. 4. 5. File 3.5 (AZ15)

Loosley

October 18, 1982

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending September 30, 1982.

Sincerely,

W. J. Hallett

W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

/amw
Enc. (2)

- cc: J. E. Ayer
- W. T. Crow
- R. E. Cunningham
- J. J. Linehan
- D. Loosley
- D. E. Martin
- J. B. Martin
- W. A. Nixon
- R. G. Page
- L. C. Rouse
- R. A. Scarano

~~8548164396~~
(38)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDES

Report for the month ending September 30, 1982.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Natural Phenomena (A2150) - J. E. Carson, Project Leader

No activity.

. Kerr-McGee (A2157) - P. C. Chee, Project Leader

Design and radiological criteria are being developed for inclusion of additional alternatives suggested by the State of Illinois and the U.S. EPA.

. Uranium Recovery (A2160) - A. E. Gudat, Project Leader

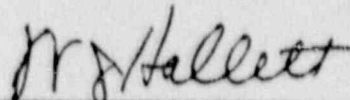
Pertinent regulatory documents were collected and reviewed. Environmental monitoring data submittals from two "typical" conventional mills were examined for compliance with NRC and EPA requirements and agreement with the respective environmental impact statements for these mills. Based on the review and analysis, a workplan was formulated for the project. This workplan will be submitted shortly to the NRC project manager for review and advice.

B. BUDGET

The cost report for September is attached.

C. REMARKS

None.



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through Sept. 30, 1982
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost† ³ (K\$)			Supportive† ² Cost (K\$)			Total Cost (K\$)		
		Sept 1982	FY 1982	Total To Date	Sept 1982	FY 1982	Total To Date	Sept 1982	FY 1982	Total to Date	Sept 1982	FY 1982	Total To Date	Sept 1982	FY 1982	Total To Date	Sept 1982	FY 1982	Total To Date
A2150	Natural Phenomena (closed)	-	2.4	47.3	-	13.6	198.4	-	10.1	592.6	-	-	-	-	1.7	3.6	-	25.4	756.6
A2143	UMDGES (Closed)	-	0.2	245.3	-	1.1	861.6	-	0.4	359.5	-	0.3	1.6	-	1.0	1.0	-	1.7	1222.8
A2157	Kerr-McGee	0.4	8.5	35.2	2.2	51.9	196.1	-	0.4	359.5	-	0.3	1.6	0.1	3.5	3.5	2.3	61.7	288.3
A2160	Uranium Recovery*	1.7	1.7	1.7	9.2	9.2	9.2	-	-	-	-	-	-	0.5	0.5	0.5	9.7	9.7	9.7

†¹ Generic effort and associated general costs.

†² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

†³ "ADP Cost" included in "Other Direct Costs".

* Cost for Aug & Sept are combined.

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

5.5 82159 J. Loosley

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Telephone 312/972-3117

September 21, 1982

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending August 31, 1982.

Sincerely,

W. J. Hallett
W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

/amw
Enc. (2)

- cc: J. E. Ayer
- W. T. Crow
- R. E. Cunningham
- J. J. Linehan
- D. Loosley
- D. E. Martin
- J. B. Martin
- W. A. Nixon
- R. G. Page
- L. C. Rouse
- R. A. Scarano

8508160261
(58)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending August 31, 1982.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Natural Phenomena (A2150) - J. E. Carson, Project Leader

No activity.

. Kerr-McGee (A2157) - P. C. Chee, Project Leader

More comments on the draft have been received and responses are being prepared. Consideration is being given to include two additional alternatives in the EIS, as suggested by the Illinois Attorney General and the U.S. EPA.

B. BUDGET

The cost report for August is attached.

C. REMARKS

None.

W. J. Hallett
W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through Aug. 31, 1982
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost† ^a (K\$)			Supportive† ^b Cost (K\$)			Total Cost (K\$)		
		Aug. 1982	FY 1982	Total To Date	Aug. 1982	FY 1982	Total To Date	Aug. 1982	FY 1982	Total to Date	Aug. 1982	FY 1982	Total To Date	Aug. 1982	FY 1982	Total To Date	Aug. 1982	FY 1982	Total To Date
A2150	Natural Phenomena (closed)	-	2.4	47.3	-	13.6	198.4	-	10.1	502.6	-	-	-	-	1.7	3.6	-	25.4	756.4
A2143	UMOGES (Closed)	-	0.2	245.3	-	1.1	861.6	-	0.4	359.5	-	0.3	1.6	-	1.0	1.0	-	1.7	1222.1
A2157	Kerr-McGee	0.4	8.1	34.8	2.8	49.7	193.9	0.1	6.3	59.3	-	0.2	0.2	0.2	3.4	3.4	3.1	99.4	226.4

†¹ Generic effort and associated general costs.

†² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

†^a "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending August 31, 1982.

A. STATUS OF ENVIRONMENTAL STATEMENTS

- . Natural Phenomena (A2150) - J. E. Carson, Project Leader

No activity.

- . Kerr-McGee (A2157) - P. C. Chee, Project Leader

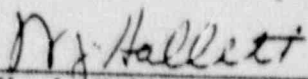
More comments on the draft have been received and responses are being prepared. Consideration is being given to include two additional alternatives in the EIS, as suggested by the Illinois Attorney General and the U.S. EPA.

B. BUDGET

The cost report for August is attached.

C. REMARKS

None.



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through Aug. 31, 1982
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost [†] (K\$)			Supportive [†] Cost (K\$)			Total Cost (K\$)		
		Aug. 1982	FY 1982	Total To Date	Aug. 1982	FY 1982	Total To Date	Aug. 1982	FY 1982	Total to Date	Aug. 1982	FY 1982	Total To Date	Aug. 1982	FY 1982	Total To Date	Aug. 1982	FY 1982	Total To Date
A2150	Natural Phenomena (closed)	-	2.4	47.3	-	13.6	198.4	-	10.1	502.6	-	-	-	-	1.7	3.6	-	25.4	756
A2143	UMDGES (Closed)	-	0.2	245.3	-	1.1	861.6	-	0.4	359.5	-	0.3	1.6	-	1.0	1.0	-	1.7	1222
A2157	Kerr-McGee	0.4	8.1	34.8	2.8	49.7	193.9	0.1	6.3	59.3	-	0.2	0.2	0.2	3.4	3.4	3.1	59.4	226

†¹ Generic effort and associated general costs.

†² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

†³ "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Telephone 312/972-3117

August 12, 1982

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending July 31, 1982.

Sincerely,



W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

/amw
Enc. (2)

cc: J. E. Ayer
W. T. Crow
R. E. Cunningham
J. J. Linehan
D. Loosley
D. E. Martin
J. B. Martin
W. A. Nixon
R. G. Page
L. C. Rouse
R. A. Scarano

8508160398
(30)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

A. STATUS OF ENVIRONMENTAL STATEMENTS

- . Natural Phenomena (A2150) - J. E. Carson, Project Leader

Project completed. No further ANL activity is expected.

- . Kerr-McGee (A2157) - P. C. Chee, Project Leader

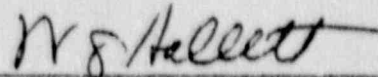
Early comments on the DES have been received, and initial responses are being prepared. Preparations for providing the FES continue.

B. BUDGET

The cost report for July is attached.

C. REMARKS

None



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. ~~Projects~~ - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through July 31, 1982
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost† ³ (K\$)			Supportive† ² Cost (K\$)			Total Cost (K\$)		
		July 1982	FY 1982	Total To Date	July 1982	FY 1982	Total To Date	July 1982	FY 1982	Total to Date	July 1982	FY 1982	Total To Date	July 1982	FY 1982	Total To Date	July 1982	FY 1982	Total To Date
A2150	Natural Phenomena (closed)	-	2.4	47.3	-	13.6	198.4	-	10.1	502.6	-	-	-	-	1.7	3.6	-	25.4	756.6
A2143	UMOGES (Closed)	-	0.2	245.3	-	1.1	861.6	-	0.4	359.5	-	0.3	1.6	-	1.0	1.0	-	1.7	1222.8
A2157	Kerr-McGee	0.3	7.7	34.4	1.8	46.9	191.1	-	6.2	59.2	-	0.2	0.2	.1	3.2	3.2	1.9	56.3	223.5

†¹ Generic effort and associated general costs.

†² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

†³ "ADP Cost" included in "Other Direct Costs".

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ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Loosley
3.5(A2157)

TELEPHONE 312/972-3117

July 16, 1982

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending June 30, 1982.

Sincerely,

W. J. Hallett

W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

/amw
Enc. (2)

- cc: J. E. Ayer
- W. T. Crow
- R. E. Cunningham
- J. J. Linehan
- D. Loosley
- D. E. Martin
- J. B. Martin
- W. A. Nixon
- R. G. Page
- L. C. Rouse
- R. A. Scarano

8508160215
(30)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending June 30, 1982.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Natural Phenomena (A2150) - J. E. Carson, Project Leader

No activity.

. Kerr-McGee (A2157) - P. C. . e, Project Leader

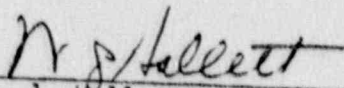
The ANL team is preparing responses to comments on the recently published DES, made at a public meeting in West Chicago on June 21. These responses will be included in the FES. Initial activities toward preparation of the FES are underway.

B. BUDGET

The cost report for June is attached.

C. REMARKS

None



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through June 30, 1982
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost† ³ (K\$)			Supportive† ² Cost (K\$)			Total Cost (K\$)		
		June 1982	FY 1982	Total To Date	June 1982	FY 1982	Total To Date	June 1982	FY 1982	Total to Date	June 1982	FY 1982	Total To Date	June 1982	FY 1982	Total To Date	June 1982	FY 1982	Total To Date
A2150	Natural Phenomena (closed)	-	2.4	47.3	-	13.6	198.4	-	10.1	502.6	-	-	-	-	1.7	3.6	-	25.4	756.6
A2143	UMOGES (Closed)	-	0.2	245.3	-	1.1	861.6	-	0.4	359.5	-	0.3	1.6	-	1.0	1.0	-	1.7	1222.6
A2157	Kerr-McGee	0.3	7.4	37.1	1.9	45.1	189.3	-	6.2	59.2	-	0.2	0.2	.1	3.1	3.1	2.0	54.4	221.6

†¹ Generic effort and associated general costs.

†² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

†³ "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

3.5(A 2157)

Telephone 312/972-3117

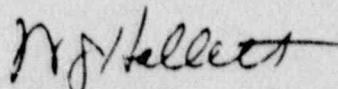
June 17, 1982

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending May 31, 1982.

Sincerely,



W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

/amw
Enc. (2)

cc: J. E. Ayer
W. T. Crow
R. E. Cunningham
J. J. Linehan
D. Loosley
D. E. Martin
J. B. Martin
W. A. Nixon
R. G. Page
L. C. Rouse
R. A. Scarano

8548140229
(3B)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending May 31, 1982.

A. STATUS OF ENVIRONMENTAL STATEMENTS

- . Natural Phenomena (A2150) - J. E. Carson, Project Leader

No activity.

- . Kerr-McGee (A2157) - P. C. Chee, Project Leader

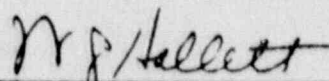
Mats of the draft EIS were sent to NRC on May 3. It is anticipated that the draft EIS will be published in mid-May. Preparations are underway to respond to comments on the DES.

B. BUDGET

The cost report for May is attached.

C. REMARKS

None



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through May 30, 1982
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PH)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost† ³ (K\$)			Supportive† ² Cost (K\$)			Total Cost (K\$)		
		May 1982	FY 1982	Total To Date	May 1982	FY 1982	Total To Date	May 1982	FY 1982	Total to Date	May 1982	FY 1982	Total To Date	May 1982	FY 1982	Total To Date	May 1982	FY 1982	Total To Date
A2150	Natural Phenomena	-	2.4	47.3	(0.2)	13.6	198.4	(0.2)	10.1	502.6	-	-	-	-	1.7	3.6	(0.4)	25.4	756.6
A2143	UMOGES (Closed)	-	0.2	245.3	-	1.1	861.6	-	0.4	359.5	-	0.3	1.6	-	1.0	1.0	-	1.7	1222.8
A2157	Kerr-McGee	0.1	7.1	36.8	0.3	43.2	187.4	0.1	6.2	59.2	-	0.2	0.2	-	3.0	3.0	0.4	52.4	219.6

†¹ Generic effort and associated general costs.

†² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

†³ "ADP Cost" included in "Other Direct Costs".

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ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

file 3.5(A2157)

TELEPHONE 312/972-3117

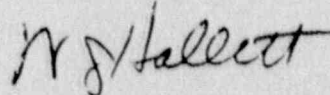
May 13, 1982

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending April 30, 1982.

Sincerely,



W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

/amw
Enc. (2)

cc: J. E. Ayer
W. T. Crow
R. E. Cunningham
J. J. Linehan
D. Loosley
D. E. Martin
J. B. Martin
W. A. Nixon
R. G. Page
L. C. Rouse
R. A. Scarano

~~8508160240~~

(BP)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending April 30, 1982.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Natural Phenomena (A2150) - J. E. Carson, Project Leader

Project completed.

. Kerr-McGee (A2157) - P. C. Chee, Project Leader

Text corrections and revisions received from NRC on March 30 were incorporated in the DES, and the revised document was sent to NRC on April 16. Several subsequent changes made by NRC are being incorporated; it is anticipated that the mats will be sent to NRC during the first week of May.

B. BUDGET

The cost report for April is attached.

C. REMARKS

None

W. J. Hallett

W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through Apr. 30, 1982
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost† ³ (K\$)			Supportive† ² Cost (K\$)			Total Cost (K\$)		
		Apr. 1982	FY 1982	Total To Date	Apr. 1982	FY 1982	Total To Date	Apr. 1982	FY 1982	Total to Date	Apr. 1982	FY 1982	Total To Date	Apr. 1982	FY 1982	Total To Date	Apr. 1982	FY 1982	Total To Date
A2150	Natural Phenomena	-	2.4	47.3	-	13.8	198.6	-	9.2	501.7	-	-	-	2.0	3.6	3.6	2.0	26.2	757.4
A2143	UMOGES (Closed)	-	0.2	245.3	-	1.1	861.6	-	0.4	359.5	-	0.3	1.6	-	1.0	1.0	-	1.7	1222.8
A2157	Kerr-McGee	1.5	7.0	36.7	9.0	42.7	186.9	-	6.0	59.0	-	0.2	0.2	-	2.4	2.4	9.0	50.1	217.3

†¹ Generic effort and associated general costs.

†² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

†³ "ADP Cost" included in "Other Direct Costs".

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ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Telephone 312/972-3117

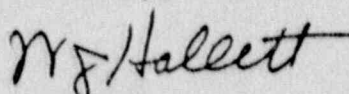
April 19, 1982

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending March 31, 1982.

Sincerely,



W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

/amw
Enc. (2)

- cc: J. E. Ayer
- W. T. Crow
- R. E. Cunningham
- J. J. Linehan
- D. Loosley
- D. E. Martin
- J. B. Martin
- H. J. Miller
- W. A. Nixon
- R. G. Page
- L. C. Rouse
- R. A. Scarano

~~850816 0251~~
(58)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending March 31, 1982.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Natural Phenomena (A2150) - J. E. Carson, Project Leader

The sixth and last NUREG report (Battelle-Columbus Facility) was issued this month. This completes ANL's activities in the project.

. Kerr-McGee (A2157) - P. C. Chee, Project Leader

Comments and revisions on the latest draft were received from NRC on March 30. The DES is now being prepared in final form and the expected date of completion is April 15, 1982.

B. BUDGET

The cost report for March is attached.

C. REMARKS

None

W. J. Hallett

W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through Mar. 31, 1982
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost† ³ (K\$)			Supportive† ² Cost (K\$)			Total Cost (K\$)		
		Mar. 1982	FY 1982	Total To Date	Mar. 1982	FY 1982	Total To Date	Mar. 1982	FY 1982	Total to Date	Mar. 1982	FY 1982	Total To Date	Mar. 1982	FY 1982	Total To Date	Mar. 1982	FY 1982	Total To Date
A2150	Natural Phenomena	0.2	2.4	47.3	1.1	13.8	198.6	-	9.2	501.7	-	-	-	0.1	1.6	1.6	1.2	24.2	755.
A2143	UMOGES (Closed)	0.2	0.2	245.3	1.1	1.1	861.6	0.1	0.4	359.5	0.1	0.3	1.6	1.0	1.0	1.0	1.3	1.7	1222.
A2157	Kerr-McGee	0.2	5.5	35.2	1.4	33.7	177.9	0.1	6.0	59.0	-	0.2	0.2	0.1	2.4	2.4	1.6	41.1	799.

†¹ Generic effort and associated general costs.

†² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

†³ "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending March 31, 1982.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Natural Phenomena (A2150) - J. E. Carson, Project Leader

The sixth and last NUREG report (Battelle-Columbus Facility) was issued this month. This completes ANL's activities in the project. ..

. Kerr-McGee (A2157) - P. C. Chee, Project Leader

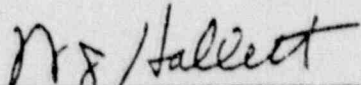
Comments and revisions on the latest draft were received from NRC on March 30. The DES is now being prepared in final form and the expected date of completion is April 15, 1982.

B. BUDGET

The cost report for March is attached.

C. REMARKS

None



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through Mar. 31, 1982
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost ^{†3} (K\$)			Supportive ^{†2} Cost (K\$)			Total Cost (K\$)		
		Mar. 1982	FY 1982	Total To Date	Mar. 1982	FY 1982	Total To Date	Mar. 1982	FY 1982	Total to Date	Mar. 1982	FY 1982	Total To Date	Mar. 1982	FY 1982	Total To Date	Mar. 1982	FY 1982	Total To Date
A2150	Natural Phenomena	0.2	2.4	47.3	1.1	13.8	198.6	-	9.2	301.7	-	-	-	0.1	1.6	1.6	1.2	24.2	755.4
A2143	UMOGES (Closed)	0.2	0.2	245.3	1.1	1.1	861.6	0.1	0.4	359.5	0.1	0.3	1.6	1.0	1.0	1.0	1.3	1.7	1222.8
A2157	Kerr-McGee	0.2	5.5	35.2	1.4	33.7	177.9	0.1	6.0	59.0	-	0.2	0.2	0.1	2.4	2.4	1.6	41.1	779.3

†¹ Generic effort and associated general costs.

†² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

†³ "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

TELEPHONE 312/972-3117

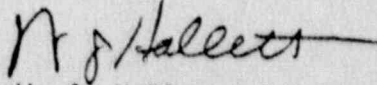
March 19, 1982

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending February 28, 1982.

Sincerely,



W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

/amw
Enc. (2)

- cc: J. E. Ayer
- W. T. Crow
- R. E. Cunningham
- J. J. Linehan
- D. Loosley
- D. E. Martin
- J. B. Martin
- H. J. Miller
- W. A. Nixon
- R. G. Page
- L. C. Rouse
- R. A. Scarano

~~8508160267~~
(318)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending February 28, 1982.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Natural Phenomena (A2150) - J. E. Carson, Project Leader

Camera-ready mats for the last of six NUREG reports, "Effects of Natural Phenomena on the Battelle Memorial Institute", were sent to NRC-NMSS on February 18.

. Kerr-McGee (A2157) - P. C. Chee, Project Leader

A revision of the PDES was sent to NRC on February 3. This revision incorporates the comments received from NRC on December 17, 1981.

B. BUDGET

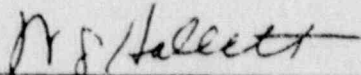
The cost report for February is attached.

C. OVERDUE ACTIONS BY FCMS REGARDING LABORATORY REQUEST

None

D. REMARKS

None



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through Feb. 28, 1982
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost† ³ (K\$)			Supportive† ² Cost (K\$)			Total Cost (K\$)		
		Feb. 1982	FY 1982	Total To Date	Feb. 1982	FY 1982	Total To Date	Feb. 1982	FY 1982	Total to Date	Feb. 1982	FY 1982	Total To Date	Feb. 1982	FY 1982	Total To Date	Feb. 1982	FY 1982	Total To Date
A2150	Natural Phenomena	0.8	2.2	47.1	4.7	12.7	197.5	(0.2)	9.2	501.7	-	-	-	1.5	1.5	1.5	6.0	23.0	731.2
A2143	UMOGES	-	-	245.1	-	-	860.5	0.1	0.3	359.4	-	0.2	1.5	-	-	-	-	0.3	1221.1
A2157	Kerr-McGee	0.7	5.3	35.0	4.8	32.3	176.5	0.1	5.9	58.9	-	0.2	0.2	2.3	2.3	2.3	7.2	39.5	206.

†¹ Generic effort and associated general costs.

†² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

†³ "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Telephone 312/972-3117

February 11, 1982

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending January 31, 1982.

Sincerely,

W. J. Hallett

W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

/amw
Enc. (2)

- cc: J. E. Ayer
- W. T. Crow
- R. E. Cunningham
- J. J. Linehan
- D. Loosley
- D. E. Martin
- J. B. Martin
- H. J. Miller
- W. A. Nixon
- R. G. Page
- L. C. Rouse
- R. A. Scarano

8508/60273 (300)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending January 31, 1982.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Natural Phenomena (A2150) - J. E. Carson, Project Leader

Editing of the sixth and last final report for Battelle-Columbus was completed. A draft copy was sent to NRC-NMSS on January 29 for final review prior to publication.

. Kerr-McGee (A2157) - P. C. Chee, Project Leader

A revised draft of the EIS is being completed in response to NRC comments received on December 17, 1981. It is anticipated that this draft will be ready for transmittal to NRC on February 3.

B. BUDGET

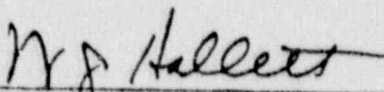
The cost report for January is attached.

C. OVERDUE ACTIONS BY FCMS REGARDING LABORATORY REQUEST

None

D. REMARKS

None



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through Jan. 31, 1982
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost† ³ (K\$)			Supportive† ² Cost (K\$)			Total Cost (K\$)		
		Jan. 1982	FY 1982	Total To Date	Jan. 1982	FY 1982	Total To Date	Jan. 1982	FY 1982	Total to Date	Jan. 1982	FY 1982	Total To Date	Jan. 1982	FY 1982	Total To Date	Jan. 1982	FY 1982	Total To Date
A2150	Natural Phenomena	0.2	1.4	46.3	1.1	8.0	192.8	0.8	9.2	501.9	-	-	-	-	-	-	1.9	17.2	725.2
A2143	LMOGES	-	-	245.1	-	-	860.5	0.1	0.3	359.4	0.1	0.2	1.5	-	-	-	0.1	0.3	1221.1
A2157	Kerr-McGee	2.0	4.6	34.3	11.6	27.5	171.7	(0.3)	5.8	58.8	-	0.2	0.2	-	-	-	11.3	33.3	199.5

†¹ Generic effort and associated general costs.

†² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

†³ "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

U.S. DEPARTMENT OF ENERGY

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Telephone 312/972-3115

file 3.5(A2157)

January 25, 1982

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending December 31, 1981.

Sincerely,

W. J. Hallett

W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

WJH/amw
Enc. (2)

cc: J. E. Ayer
W. T. Crow
R. E. Cunningham
J. J. Linehan
D. Loosley
D. E. Martin
J. B. Martin
H. J. Miller
W. A. Nixon
R. G. Page
L. C. Rouse
R. A. Scarano

*8508160283
(3R)*

The University of Chicago

Argonne Universities Association

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending December 31, 1981.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Natural Phenomena (A2150) - J. E. Carson, Project Leader

The NUREC reports for Atomics-International and G.E.-Vallecitos were completed. Editing of the sixth and last NUREC report, The Effects of Natural Phenomena on the Battelle-Columbus Facility, has begun.

. Kerr-McGee (A2157) - J. L. Saguinsin, Project Leader

Revision of the PDES continues in response to NRC review comments and modifications of Kerr-McGee's stabilization plan. The revised preliminary draft is expected to be completed in late January.

B. BUDGET

The cost report for December is attached.

C. OVERDUE ACTIONS BY FCMS REGARDING LABORATORY REQUEST

None

D. REMARKS

None

W. J. Hallett

W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through Dec. 31, 1981
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost† ³ (K\$)			Supportive† ² Cost (K\$)			Total Cost (K\$)		
		Dec. 1981	FY 1982	Total To Date	Dec. 1981	FY 1982	Total To Date	Dec. 1981	FY 1982	Total to Date	Dec. 1981	FY 1982	Total To Date	Dec. 1981	FY 1982	Total To Date	Dec. 1981	FY 1982	Total To Date
A2150	Natural Phenomena	0.2	1.2	46.1	1.1	6.9	191.7	5.3	8.4	501.1	-	-	-	-	-	-	6.4	15.3	708.
A2143	UMOGES	-	-	245.1	-	-	860.5	0.2	0.2	359.3	0.1	0.1	1.4	-	-	-	0.2	0.2	1221.6
A2157	Kerr-McGee	0.7	2.6	32.3	5.5	15.9	144.2	0.4	6.1	59.1	0.1	0.2	0.2	-	-	-	5.9	22.0	188.1

†¹ Generic effort and associated general costs.

†² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

†³ "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

f 93.5 (A2157)

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Telephone 312/972-3115

December 14, 1981

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending November 30, 1981.

Sincerely,

W. J. Hallett
W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

/amw
Enc. (2)

- cc: J. E. Ayer
- W. T. Crow
- R. E. Cunningham
- J. J. Linehan
- D. Loosley
- D. E. Martin
- J. B. Martin
- H. J. Miller
- W. A. Nixon
- R. G. Page
- L. C. Rouse
- R. A. Scarano

~~8508160288~~
(388)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending November 30, 1981.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Natural Phenomena (A2150) - J. E. Carson, Project Leader

Minor changes were made in the text of the reports for Atomics International and G. E. Vallecitos.

. Kerr-McGee (A2157) - J. L. Saguinsin, Project Leader

The PDES is being modified to reflect changes in the stabilization plan proposed by the applicant on October 30. Preparations are underway to respond to NRC comments on the PDES, when the comments are provided.

B. BUDGET

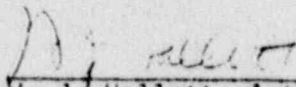
The cost report for November is attached.

C. OVERDUE ACTIONS BY FCMS REGARDING LABORATORY REQUEST

None

D. REMARKS

None



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through Nov. 31, 1981
 (Including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost† ³ (K\$)			Supportive† ² Cost (K\$)			Total Cost (K\$)		
		Nov 1981	FY 1981	Total To Date	Nov 1981	FY 1981	Total To Date	Nov 1981	FY 1981	Total to Date	Nov 1981	FY 1981	Total To Date	Nov 1981	FY 1981	Total To Date	Nov 1981	FY 1981	Total To Date
A2150	Natural Phenomena	0.2	1.0	45.9	1.1	5.8	190.6	2.3	3.1	495.4	-	-	-	-	-	-	3.4	8.9	701.6
A2143	UMOGES	-	-	245.1	-	-	860.5	0.2	0.2	359.3	0.1	0.1	1.4	-	-	-	0.2	0.2	1221.0
A2157	Kerr-McGee	0.9	1.9	29.7	4.9	10.4	138.7	3.8	5.7	58.7	-	0.1	0.1	-	-	-	8.7	16.1	182.2

†¹ Generic effort and associated general costs.

†² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

†³ "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

U.S. Department of Energy

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

new facility
file 2.5 (A2157)

Telephone 312/972-3115

December 2, 1981

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending October 31, 1981.

Sincerely,

W. J. Hallett

W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

/amw
Enc. (2)

cc: J. E. Ayer
W. T. Crow
R. E. Cunningham
J. J. Linehan
D. Loosley
D. E. Martin
J. B. Martin
H. J. Miller
W. A. Nixon
R. G. Page
L. C. Rouse
R. A. Scarano

850816 0291

(3ff)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending October 31, 1981.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Natural Phenomena (A2150) - J. E. Carson, Project Leader

The final mats for the Atomic International NUREG report were prepared and sent to NRC on October 19.

. Kerr-McGee (A2157) - J. L. Saguinsin, Project Leader

What was considered a final revision of the PDES was delivered to NRC on October 30. However, because of changes in the stabilization plan proposed by the licensee at a meeting in Silver Spring on the same date, the ANL team is now preparing additional modifications of the document.

B. BUDGET

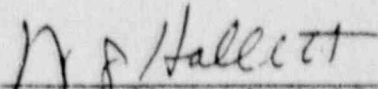
The cost report for October is attached.

C. OVERDUE ACTIONS BY FCMS REGARDING LABORATORY REQUEST

None

D. REMARKS

None



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through Oct. 31, 1981
 (including Previous FY's)

Fin No.	Project Title	Staff Effort (PM)			All Effort Costs (K\$)			Other Direct Costs (K\$) (Travel, Graphics and Supplies)			ADP Cost ³ (K\$)			Supportive ² Cost (K\$)			Total Cost (K\$)		
		Oct 1981	FY 1982	Total To Date	Oct 1981	FY 1982	Total To Date	Oct 1981	FY 1982	Total to Date	Oct 1981	FY 1982	Total To Date	Oct 1981	FY 1982	Total To Date	Oct 1981	FY 1982	Total To Date
A2150	Natural Phenomena	0.8	0.8	44.9	4.7	4.7	189.5	0.8	0.8	492.3	-	-	-	-	-	-	5.5	5.5	692.7
A2143	UMOGES	-	-	245.1	-	-	860.5	0.2	0.2	359.3	0.1	0.1	1.4	-	-	-	0.2	0.2	1221.0
A2157	Kerr-McGee	1.0	1.0	28.8	5.5	5.5	133.8	1.9	1.9	33.0	-	0.1	0.1	-	-	-	7.4	7.4	167

†¹ Generic effort and associated general costs.

†² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

†³ "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

file 3.5(A 21)

Telephone 312/972-3115

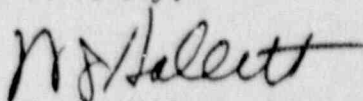
October 27, 1981

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending September 30, 1981.

Sincerely,



W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

WJH/amw
Enc. (2)

- cc: J. E. Ayer
- W. T. Crow
- R. E. Cunningham
- J. J. Linehan
- D. Loosley
- D. E. Martin
- J. B. Martin
- H. J. Miller
- W. A. Nixon
- R. G. Page
- L. C. Rouse
- R. A. Scarano

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(39)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending September 30, 1987.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Natural Phenomena (A2150) - J. E. Carson, Project Leader

Camera-ready mats for the General Electric Vallecitos NUREG report have been made; publication will be possible when figures being prepared by NRC-NMSS are completed. Editing of the final report for the Atomic International facility was begun.

. Kerr-McGee (A2157) - J. S. Saguinsin, Project Leader

Additional revisions of the PDES are being made in response to NRC suggestions that certain waste disposal alternatives be included in the analysis. It is anticipated that the majority of the sections will be completed in early October; the remainder later in that month.

B. BUDGET

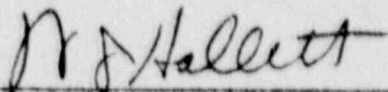
The cost report for September is attached.

C. OVERDUE ACTIONS BY FCMS REGARDING LABORATORY REQUEST

None

D. REMARKS

This report is late because of the usual delay at the end of the fiscal year in receiving final cost figures.



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through Sept. 30, 1981
 (Including Previous FY's)

Fin No.	Project Title	Effort in Man Months			Effort Related Cost K\$			Other Direct Costs K\$ (Travel, Graphics and Supplies)			ADP Cost† ³ K\$			Supportive† ² Cost K\$			Total Cost K\$		
		Sept 1981	FY 1981	Total To Date	Sept 1981	FY 1981	Total To Date	Sept 1981	FY 1981	Total to Date	Sept 1981	FY 1981	Total To Date	Sept 1981	FY 1981	Total To Date	Sept 1981	FY 1981	Total To Date
		A2010	FUEL CYCLE - FRONT END																
	Consultant Services	-	-	-	-	-	-	-	41.1	82.5	-	-	-	-	-	-	-	41.1	82.5
	Western Nuclear	-	-	64.9	-	-	258.8	-	-	28.9	-	-	-	-	-	44.3	-	-	33
	Union Carbide	-	-	72.5	-	-	295.3	-	5.6	46.8	-	5.6	5.6	-	0.1	46.2	-	5.7	388.3
	General† ¹	-	0.3	-	-	1.3	-	-	-	-	-	0.8	0.8	-	2.5	-	-	3.8	-
	TOTAL	-	0.3	-	-	1.3	-	-	46.7	-	-	6.4	6.4	-	2.6	-	-	50.6	-
A2150	Natural Phenomena	0.1	1.3	44.1	.4	5.8	184.8	8.7	32.4	491.5	-	-	-	-	-	-	9.1	38.2	681.7
A2143	UMOGES	(1.2)	4.8	245.1	(6.3)	22.3	860.5	.5	30.6	359.3	0.1	1.3	1.3	-	-	-	(5.8)	52.9	1220.8
A2157	Kerr-McGee	0.6	15.8	27.8	2.1	73.3	128.3	0	12.9	31.1	-	0.1	0.1	-	-	-	2.1	86.2	158.8

†¹ Generic effort and associated general costs.

†² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

†³ "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

file 25(032157)

Telephone 312/972-3117

September 15, 1981

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending August 31, 1981.

Sincerely,

W. J. Hallett

W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

WJH/amw
Enc. (2)

- cc: J. E. Ayer
- W. T. Crow
- R. E. Cunningham
- J. J. Linehan
- D. Loosley
- D. E. Martin
- J. B. Martin
- H. J. Miller
- W. A. Nixon
- R. G. Page
- L. C. Rouse
- R. A. Scarano

~~8508160295~~

(3pp)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending August 31, 1981.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Natural Phenomena (A2150) - J. E. Carson, Project Leader

No effort this month. Charges shown are for previously accrued effort.

. UMOGES (A2143) - G. L. Montet, Project Leader

Minor effort was expended in library searches and conference telephone calls, for assessing various modes by which tailings covers might be penetrated by plants and animals.

. Kerr-McGee (A2157) - J. L. Saguinsin, Project Leader

Revisions of the preliminary draft EIS continue to be made in response to NRC comments. These are expected to be completed by mid-September. It is anticipated that a revised draft will be available for NRC by late September or early October.

B. BUDGET

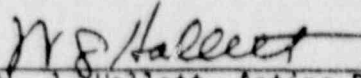
The cost report for August is attached.

C. OVERDUE ACTIONS BY FCMS REGARDING LABORATORY REQUEST

None

D. REMARKS

None



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through August 31, 1981
 (Including Previous FY's)

Fin No.	Project Title	Effort in Man Months			Effort Related Cost K\$			Other Direct Costs K\$ (Travel, Graphics and Supplies)			ADP Cost† ³ K\$			Supportive† ² Cost K\$			Total Cost K\$		
		Aug. 1981	FY 1981	Total To Date	Aug. 1981	FY 1981	Total To Date	Aug. 1981	FY 1981	Total to Date	Aug. 1981	FY 1981	Total To Date	Aug. 1981	FY 1981	Total To Date	Aug. 1981	FY 1981	Total To Date
A2010	<u>FUEL CYCLE - FRONT END</u>																		
	Consultant Services	-	-	-	-	-	-	-	41.1	82.5	-	-	-	-	-	-	41.1	82.5	
	Western Nuclear	-	-	64.9	-	-	258.8	-	-	28.9	-	-	-	-	-	44.3	-	332.0	
	Union Carbide	-	-	72.5	-	-	295.3	-	5.6	46.8	-	5.6	5.6	-	0.1	46.2	-	388.3	
	General† ¹	-	0.3	-	-	1.3	-	-	-	-	-	0.8	0.8	-	2.5	-	-	3.8	
	TOTAL	-	0.3	-	-	1.3	-	-	46.7	-	-	6.4	6.4	-	2.6	-	-	50.6	
A2150	Natural Phenomena	0.6	1.2	44.6	2.8	5.4	184.4	3.9	23.7	459.1	-	-	-	-	-	6.7	29.1	643.5	
A2143	UMOGES	0.9	6.0	246.3	4.2	28.6	866.8	1.6	30.1	358.8	0.1	1.2	1.2	-	-	5.8	58.7	1226.6	
A2157	Kerr-McGee	0.5	15.2	27.2	2.3	71.2	126.2	1.2	12.9	31.1	-	0.1	0.1	-	-	3.5	84.1	156.7	

†¹ Generic effort and associated general costs.

†² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

†³ "ADP Cost" included in "Other Direct Costs".

THIS REPORT IS A REFLECTION OF THE DATA BASE USED FOR BILLING BUT IS INTENDED FOR INFORMATION ONLY - NOT FOR BILLING PURPOSES.

ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

file 3.5 (A-57) Looney
2157

Telephone 312/972-3117

August 24, 1981

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending July 31, 1981.

Sincerely,

C. J. Hallett
for ~~W. J. Hallett~~, Acting Director
Division of Environmental
Impact Studies

WJH/arnw
Enc. (2)

- cc: J. E. Ayer
- W. Y. Crow
- R. E. Cunningham
- J. J. Linehan
- D. Loosley
- D. E. Martin
- J. B. Martin
- H. J. Miller
- W. A. Nixon
- R. G. Page
- L. C. Rouse
- R. A. Scarano

~~8548164297~~
(388)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending July 31, 1981.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Natural Phenomena (A2150) - J. E. Carson, Project Leader

Editing of the NUREG report for G.E.-Vallecitos was completed; camera-ready mats and diskettes for publication were sent to NRC.

. UMOGES (A2143) - G. L. Montet, Project Leader

The Uravan report was completed and submitted for publication.

. Kerr-McGee (A2157) - J. L. Saguinsin, Project Leader

A meeting with the NRC EPM (W. A. Nixon) was held at Argonne on July 29 to discuss NRC review comments on the preliminary draft EIS. It is anticipated that a revised draft can be completed in early September.

B. BUDGET

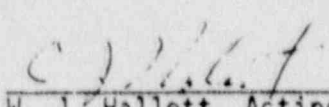
The cost report for July is attached.

C. OVERDUE ACTIONS BY FCMS REGARDING LABORATORY REQUEST

None

D. REMARKS

None



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through July 31, 1981
 (Including Previous FY's)

Fin No.	Project Title	Effort in Man Months			Effort Related Cost K\$			Other Direct Costs K\$ (Travel, Graphics and Supplies)			ADP Cost ³ K\$			Supportive ² Cost K\$			Total Cost K\$		
		July 1981	FY 1981	Total To Date	July 1981	FY 1981	Total To Date	July 1981	FY 1981	Total To Date	July 1981	FY 1981	Total To Date	July 1981	FY 1981	Total To Date	July 1981	FY 1981	Total To Date
A2010	FUEL CYCLE - FRONT END																		
	Consultant Services	-	-	-	-	-	-	41.1	82.5	-	-	-	-	-	-	-	-	41.1	82.5
	Western Nuclear	-	-	64.9	-	-	258.8	-	28.9	-	-	-	-	-	44.3	-	-	332.0	
	Union Carbide	-	-	72.5	-	-	295.3	-	5.6	46.8	-	5.6	5.6	-	0.1	46.2	-	5.7	308.3
	General ¹	-	0.3	-	-	1.3	-	-	-	-	-	0.8	0.8	-	2.5	-	-	3.8	-
	TOTAL	-	0.3	-	-	1.3	-	46.7	-	-	6.4	6.4	-	2.6	-	-	50.6	-	
A2150	Natural Phenomena	0.4	0.6	44.0	1.8	2.6	181.6	0.6	19.8	455.2	-	-	-	-	-	-	2.4	22.4	636.8
A2143	UMOGES	1.0	5.1	245.4	4.6	24.4	862.6	1.0	28.5	357.2	0.1	1.1	1.1	-	-	-	5.6	52.9	1220.8
A2157	Kerr-McGee	0.1	14.7	26.7	-	66.9	123.9	0.2	11.7	29.9	-	0.1	0.1	-	-	-	0.2	80.6	153.2

†¹ Generic effort and associated general costs.

†² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

†³ "ADP Cost" included in "Other Direct Costs".

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ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Telephone 312/972-3117

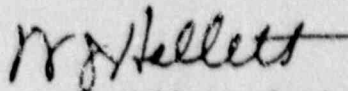
July 17, 1981

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending June 30, 1981.

Sincerely,



W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

/amw
Enc. (2)

- cc: J. E. Ayer
- W. T. Crow
- R. E. Cunningham
- J. J. Linehan
- D. Loosley
- D. E. Martin
- J. B. Martin
- H. J. Miller
- W. A. Nixon
- R. G. Page
- L. C. Rouse
- R. A. Scarano

~~850816 0300~~
(300)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending June 30, 1981.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Natural Phenomena (A2150) - J. E. Carson, Project Leader

No ANL activities. Funds for the Battelle-Jamison project are exhausted; action was undertaken to obtain an additional \$9K in order to complete the project.

. UMCCS (A2143) - G. L. Montet, Project Leader

(1) A revision of the Uravan report, incorporating responses to a second round of comments, has been sent to NRC for review.

(2) No effort was expended this month preparing for participation in the Technical Board Hearing in Santa Fe, New Mexico; the charges appearing in this month's budget sheet are for May expenditures.

. Xerr-McGee (A2157) - J. L. Saguinsin, Project Leader

Work on the preliminary draft EIS is on hold pending receipt of comments from NRC.

B. BUDGET

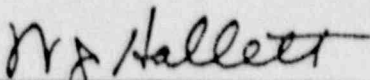
The cost report for June is attached.

C. OVERDUE ACTIONS BY FCMS REGARDING LABORATORY REQUEST

None

D. REMARKS

None



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through June 30, 1981
 (Including Previous FY's)

Fin No.	Project Title	Effort in Man Months			Effort Related Cost K\$			Other Direct Costs K\$ (Travel, Graphics and Supplies)			ADP Cost ³ K\$			Supportive ² Cost K\$			Total Cost K\$		
		June 1981	FY 1981	Total To Date	June 1981	FY 1981	Total To Date	June 1981	FY 1981	Total to Date	June 1981	FY 1981	Total To Date	June 1981	FY 1981	Total To Date	June 1981	FY 1981	Total To Date
A2010	FUEL CYCLE - FRONT END																		
	Consultant Services	-	-	-	-	-	-	-	41.1	82.5	-	-	-	-	-	-	-	41.1	82.5
	Western Nuclear	-	-	64.9	-	-	258.8	-	-	28.9	-	-	-	-	-	44.3	-	-	37.2
	Union Carbide	-	-	72.5	-	-	295.3	-	5.6	46.8	-	5.6	5.6	-	0.1	45.2	-	5.7	360.3
	General ¹	-	0.3	-	-	1.3	-	-	-	-	-	0.8	0.8	-	2.5	-	-	3.8	-
	TOTAL	-	0.3	-	-	1.3	-	-	46.7	-	-	6.4	6.4	-	2.6	-	-	50.6	-
A2150	Natural Phenomena	0.1	0.2	43.6	0.3	0.8	179.8	0.8	19.2	454.6	-	-	-	-	-	-	1.1	20.0	634.4
A2143	UMOGES	1.0	4.1	244.4	4.7	19.8	858.0	1.3	27.5	356.2	0.1	1.0	1.0	-	-	-	6.0	47.3	1215.2
A2157	Kerr-McGee	0.2	14.6	26.6	0.8	68.9	123.9	-	11.5	29.7	-	0.1	0.1	-	-	-	0.8	80.4	153.0

¹ Generic effort and associated general costs.

² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

³ "ADP Cost" included in "Other Direct Costs".

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ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Telephone 312/972-3117

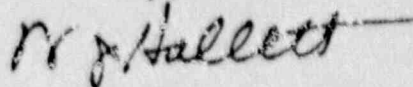
June 24, 1981

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending May 31, 1981.

Sincerely,



W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

WJH/airw
Enc. (2)

- cc: J. E. Ayer
- W. T. Crow
- R. E. Cunningham
- J. J. Linehan
- D. Loosley
- D. E. Martin
- J. B. Martin
- H. J. Miller
- W. A. Nixon
- R. G. Page
- L. C. Rouse
- R. A. Scarano

~~8508160346~~

(3pp)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending May 31, 1981.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Natural Phenomena (A2150) - J. E. Carson, Project Leader

No activity this month.

. UMOGES (A2143) - G. L. Montet, Project Leader

Revision of the draft NUREG/CR report entitled "Environment in the Vicinity of the Uravan Mill" was completed and a copy was delivered to NMSS for final approval. The document will be printed by ANL as soon as the draft is approved. In response to a specific request, M. Momeni provided technical support to the NMSS staff for a review of the generic uranium milling EIS held in Santa Fe, New Mexico on May 28. In addition to these direct efforts, some charges were made against this account in a redistribution of accumulated vacation obligations.

. Kerr-McGee (A2157) - J. L. Saguinsin, Project Leader

Six copies of the preliminary draft environmental statement (PDES) were sent to NRC (W. Nixon) on May 11. Revisions of the PDES will be made as soon as we receive written comments following the NRC in-house review.

B. BUDGET

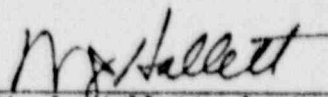
The cost report for May is attached.

C. OVERDUE ACTIONS BY FCMS REGARDING LABORATORY REQUEST

None

D. REMARKS

None



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through May 31, 1981 (Including Previous FY's)

Fin No.	Project Title	Effort in Man Months			Effort Related Cost K\$			Other Direct Costs K\$ (travel, Graphics and Supplies)			ADP Cost ^{†3} K\$			Supportive ^{†2} Cost K\$			Total Cost K\$		
		May 1981	FY 1981	Total To Date	May 1981	FY 1981	Total To Date	May 1981	FY 1981	Total to Date	May 1981	FY 1981	Total To Date	May 1981	FY 1981	Total To Date	May 1981	FY 1981	Total To Date
A2010	FUEL CYCLE - FRONT END																		
	Consultant Services	-	-	-	-	-	-	-	41.1	82.5	-	-	-	-	-	-	-	41.1	82.5
	Western Nuclear	-	-	64.9	-	-	258.8	-	-	28.9	-	-	-	-	-	44.3	-	-	332.0
	Union Carbide	-	-	72.5	-	-	295.3	-	5.6	46.8	-	5.6	5.6	-	0.1	46.2	-	5.7	388.0
	General ^{†1}	-	0.3	-	-	1.3	-	-	-	-	-	0.8	0.8	-	2.5	-	-	3.8	-
	TOTAL	-	0.3	-	-	1.3	-	-	46.7	-	-	6.4	6.4	-	2.6	-	-	50.6	-
A2150	Natural Phenomena	-	0.1	43.5	-	0.5	179.5	4.2	18.4	453.8	-	-	-	-	-	-	4.2	18.9	633.3
A2143	UMOGES	0.9	3.1	243.4	4.4	15.1	854.3	1.7	26.2	354.9	0.1	0.9	0.9	-	-	-	6.1	41.3	1209.2
A2157	Kerr-McGee	(1.3)	14.4	26.4	(6.6)	68.1	123.1	0.1	11.5	29.7	-	0.1	0.1	-	-	-	(6.5)	79.6	152.8

†¹ Generic effort and associated general costs.

†² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

†³ "ADP Cost" included in "Other Direct Costs".

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ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending April 30, 1981.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Natural Phenomena (A2150) - J. E. Carson, Project Leader

No activities this month.

. UMOGES (A2143) - G. L. Montet, Project Leader

Effort continues toward completion of the NUREG report "Environment in the vicinity of Uravan Mill: Characterization of Radioactive Effluents and Airborne Concentrations." This includes responding to comments from EPA and NRC.

. Kerr-McGee (A2157) - J. L. Saguinsin, Project Leader

The ANL management review of the PDES has been completed and revisions are being made in response to review comments. ANL will transmit the PDES to NRC by May 11.

B. BUDGET

The cost report for April is attached.

C. OVERDUE ACTIONS BY FCMS REGARDING LABORATORY REQUEST

None

D. REMARKS

None

W. J. Hallett

W. J. Hallett, Acting Director
Division of Environmental Impact Studies

8568164314 (2P)

C. BUDGET - The Division of Fuel Cycle and Material Safety Total Cost to Date Through April 30, 1981 (Including Previous FY's)

Fin No.	Project Title	Effort in Man Months			Effort Related Cost K\$			Other Direct Costs K\$ (Travel, Graphics and Supplies)			ADP Cost† ³ K\$			Supportive† ² Cost K\$			Total Cost K\$		
		Apr 1981	FY 1981	Total To Date	Apr 1981	FY 1981	Total To Date	Apr 1981	FY 1981	Total to Date	Apr 1981	FY 1981	Total To Date	Apr 1981	FY 1981	Total To Date	Apr 1981	FY 1981	Total To Date
A2010	FUEL CYCLE - FRONT END																		
	Consultant Services	-	-	-	-	-	-	5.4	41.1	82.5	-	-	-	-	-	-	5.4	41.1	82.5
	Western Nuclear	-	-	64.9	-	-	258.8	-	-	28.9	-	-	-	-	-	44.3	-	-	332.0
	Union Carbide	-	-	72.5	-	-	295.3	0.2	5.6	66.8	0.2	5.6	5.6	-	0.1	46.2	0.2	5.7	388.3
	General† ¹	-	0.3	-	-	1.3	-	-	-	-	0.1	0.8	0.8	0.3	2.5	-	0.3	3.8	-
	TOTAL	-	0.3	-	-	1.3	-	5.6	46.7	-	0.3	6.4	6.4	0.3	2.6	-	5.9	50.6	-
A2150	Natural Phenomena	-	0.1	43.5	-	0.5	179.5	6.3	14.2	449.6	-	-	-	-	-	-	6.3	14.7	629.1
A2143	UMOGES	-	2.2	242.5	(0.1)	10.7	949.9	0.4	24.5	353.2	0.1	0.8	0.8	-	-	-	0.3	35.2	1203.1
A2157	Kerr-McGee	2.6	15.7	27.7	11.7	74.7	129.7	0.9	21.4	29.6	-	0.1	0.1	-	-	-	12.6	86.1	159.3

†¹ Generic effort and associated general costs.

†² Redistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

†³ "ADP Cost" included in "Other Direct Costs".

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ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Telephone 312/972-3117

April 17, 1981

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for
the month ending March 31, 1981.

Sincerely,

W. J. Hallett

W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

WJH/amw
Enc. (2)

- cc: J. E. Ayer
- W. T. Crow
- R. E. Cunningham
- J. J. Linehan
- D. Loosley
- D. E. Martin
- J. B. Martin
- H. J. Miller
- W. A. Nixon
- R. C. Page
- L. C. Rouse
- R. A. Scarano

~~8548164317~~
(30)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending March 31, 1981.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Natural Phenomena (A2150) - J. E. Carson, Project Leader

No activities and no charges.

. UMOGES (A2143) - G. L. Montet, Project Leader

Work is in progress on two reports by M. H. Momeni related to UMOGES; sections for "Radiological Environment in the Vicinity of the Uravan Mill" are being written, and revisions of "Analysis of Uranium-Actinium Gamma Spectra/Measurement of Environmental Contamination" are being completed.

. Kerr-McGee (A2157) - J. L. Saguinsin, Project Leader

The PDES will be ready for ANL management review by mid-April. The reviewed PDES will be transmitted to NRC toward the end of April.

B. BUDGET

The cost report for March is attached.

C. OVERDUE ACTIONS BY FCMS REGARDING LABORATORY REQUEST

None

D. REMARKS

None

W. J. Hallett

W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through March 31, 1981 (Including Previous FY's)

Fin No.	Project Title	Effort in Man Months			Effort Related Cost K\$			Other Direct Costs K\$ (Travel, Graphics and Supplies)			Supportive ^b Cost K\$			Total Cost K\$		
		Mar 1981	FY 1981	Total To Date	Mar 1981	FY 1981	Total To Date	Mar 1981	FY 1981	Total To Date	Mar 1981	FY 1981	Total To Date	Mar 1981	FY 1981	Total To Date
A2010	<u>FUEL CYCLE - FRONT END</u>															
	Consultant Services	-	-	-	-	-	-	7.3	35.7	77.1	-	-	-	7.3	35.7	77.1
	Western Nuclear	-	-	64.9	-	-	258.8	-	-	28.9	-	-	44.3	-	-	332.0
	Union Carbide	-	-	72.5	-	-	295.3	3.4	5.4	46.6	-	0.1	46.2	3.4	5.5	388.1
	General ^a	0.1	0.3	-	0.5	1.3	-	-	-	-	0.5	2.2	-	1.0	3.5	-
	TOTAL	0.1	0.3	-	0.5	1.3	-	10.7	41.1	-	0.5	2.3	-	11.7	44.7	-
A2150	Natural Phenomena	-	0.1	43.5	-	0.5	179.5	0.6	7.9	443.3	-	-	-	0.6	8.4	622.8
A2143	UMOGES	0.4	2.2	242.5	1.8	10.8	850.0	2.0	24.1	352.8	-	-	-	3.8	34.9	1202.8
A2157	Kerr-McGee	0.2	13.1	25.1	0.6	63.0	118.0	0.6	10.5	26.7	-	-	-	1.2	73.5	146.7

^aGeneric effort and associated general costs.

^bRedistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

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ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Telephone 312/972-3117

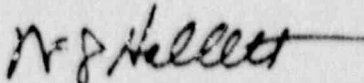
March 18, 1981

Mr. John G. Davis
Office of Nuclear Material Safety
and Safeguards
Mail Stop 958-SS
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Davis:

Enclosed are two copies of the ANL/EIS Monthly Report for the month ending February 28, 1981.

Sincerely,



W. J. Hallett, Acting Director
Division of Environmental
Impact Studies

WJH/amw
Enc. (2)

- cc: J. E. Ayer
- W. T. Crow
- R. E. Cunningham
- J. J. Linehan
- D. Loosley
- D. E. Martin
- J. B. Martin
- H. J. Miller
- W. A. Nixon
- R. G. Page
- L. C. Rouse
- R. A. Scarano

~~850816 0319~~
(38)

ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending February 28, 1981.

A. STATUS OF ENVIRONMENTAL STATEMENTS

- . Natural Phenomena Project (A2150) - J. E. Carson, Project Leader

No activities this month.

- . Kerr-McGee (A2157) - J. L. Saguinsin, Project Leader

The socioeconomics section of the EIS was updated to reflect the most currently available data. Also, work on the radiological sections was resumed.

B. BUDGET

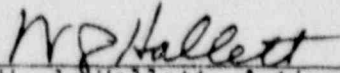
The cost report for February is attached.

C. OVERDUE ACTIONS BY FCMS REGARDING LABORATORY REQUEST

None

D. REMARKS

None



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through February 28, 1981 (including Previous FY's)

Fin No.	Project Title	Effort in Man Months			Effort Related Cost K\$			Other Direct Costs K\$ (Travel, Graphics and Supplies)			Supportive ^b Cost K\$			Total Cost K\$		
		Feb 1981	FY 1981	Total To Date	Feb 1981	FY 1981	Total To Date	Feb 1981	FY 1981	Total To Date	Feb 1981	FY 1981	Total To Date	Feb 1981	FY 1981	Total To Date
A2010	<u>FUEL CYCLE - FRONT END</u>															
	Consultant Services	-	-	-	-	-	-	10.5	28.4	69.8	-	-	-	10.5	28.4	69.8
	Western Nuclear	-	-	64.9	-	-	258.8	-	-	28.9	-	-	44.3	-	-	332.0
	Union Carbide	-	-	72.5	-	-	295.3	0.7	2.0	43.2	-	0.1	46.2	0.7	2.1	384.7
	General ^a	-	0.2	-	-	0.8	-	-	-	-	1.0	1.7	-	1.0	2.5	-
	TOTAL	-	0.2	-	-	0.8	-	11.2	30.4	-	1.0	1.8	-	12.2	33.0	-
A2150	Natural Phenomena	-	0.1	43.5	-	0.5	179.5	0.9	7.3	442.7	-	-	-	0.9	7.8	622.2
A2143	UMDGES	0.5	1.8	242.1	2.5	9.0	848.2	0.8	22.1	350.8	-	-	-	3.3	31.1	1199.0
A2157	Kerr-McGee	1.5	12.9	24.9	7.5	62.4	117.4	0.3	9.9	28.1	-	-	-	7.8	72.3	145.5

^aGeneric effort and associated general costs.

^bRedistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

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ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending January 31, 1981.

A. STATUS OF ENVIRONMENTAL STATEMENTS

- . Natural Phenomena Project (A2150) - J. E. Carson, Project Leader

No activity this month.

- . Kerr-McGee (A2157) - J. L. Saguinsin, Project Leader

Revisions on the preliminary draft EIS are being completed to allow an in-house executive review of the document in March. We are targeting April as the month for delivery of the PDES to NRC.

B. BUDGET

The cost report for January is attached.

C. OVERDUE ACTIONS BY FCMS REGARDING LABORATORY REQUEST

None

D. REMARKS

The Williams-Robinette and Associates consultant services contract (6143) is due to expire on March 31, 1981. Charges may not be made to the contract beyond this date.

W. J. Hallett

W. J. Hallett, Acting Director
Division of Environmental Impact Studies

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(288)

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through January 31, 1981 (Including Previous FY's)

Fin No.	Project Title	Effort in Man Months			Effort Related Cost K\$			Other Direct Costs K\$ (Travel, Graphics and Supplies)			Supportive ^b Cost K\$			Total Cost K\$		
		Jan 1981	FY 1981	Total To Date	Jan 1981	FY 1981	Total To Date	Jan 1981	FY 1981	Total To Date	Jan 1981	FY 1981	Total To Date	Jan 1981	FY 1981	Total To Date
		A2010	FUEL CYCLE - FRONT END													
	Consultant Services	-	-	-	-	-	-	4.4	17.9	59.3	-	-	-	4.4	17.9	59.3
	Western Nuclear	-	-	64.9	-	-	259.8	-	-	28.9	-	-	44.3	-	-	332.0
	Union Carbide	-	-	72.5	-	-	295.3	0.1	1.3	42.5	-	0.1	46.2	0.1	1.4	384.0
	General ^a	-	0.2	-	-	0.8	-	-	-	-	(0.1)	0.7	-	(0.1)	1.5	-
	TOTAL	-	0.2	-	-	0.8	-	4.5	19.2	-	(0.1)	0.8	-	4.4	20.8	-
A2150	Natural Phenomena	-	0.1	43.5	-	0.5	179.5	1.6	6.4	441.8	-	-	-	1.6	6.9	621.3
A2143	UMOGES	1.0	1.3	241.6	5.0	6.5	845.7	18.0	21.3	350.0	-	-	-	23.0	27.8	1195.7
A2157	Kerr-McGee	1.9	11.4	23.4	9.3	54.9	109.9	7.0	9.6	27.8	-	-	-	16.3	64.5	137.7

^aGeneric effort and associated general costs.

^bRedistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

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ARGONNE NATIONAL LABORATORY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

Report for the month ending December 31, 1980.

A. STATUS OF ENVIRONMENTAL STATEMENTS

. Natural Phenomena Project (A2150) - J. E. Carson, Project Leader

There was no activity this month.

. Kerr-McGee (A2157) - J. L. Saguinsin, Project Leader

Revisions on the preliminary draft in response to comments by the NRC EPM (W. Nixon) continue to be made. The thrust is in making clear cut comparisons of the various decommissioning alternatives and in highlighting the various institutional issues involved.

B. BUDGET

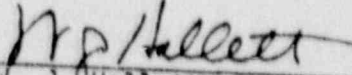
The cost report for December is attached.

C. OVERDUE ACTIONS BY FCMS REGARDING LABORATORY REQUEST

None

D. REMARKS

None



W. J. Hallett, Acting Director
Division of Environmental Impact Studies

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(280)

C. BUDGET - The Division of Fuel Cycle and Material Safety
 Total Cost to Date Through December 31, 1980 (Including Previous FY's)

Fin No.	Project Title	Effort in Man Months			Effort Related Cost K\$			Other Direct Costs K\$ (Travel, Graphics and Supplies)			Supportive ^b Cost K\$			Total Cost K\$		
		Dec 1980	FY 1981	Total To Date	Dec 1980	FY 1981	Total To Date	Dec 1980	FY 1981	Total To Date	Dec 1980	FY 1981	Total To Date	Dec 1980	FY 1981	Total To Date
A2010	FUEL CYCLE - FRONT END															
	Consultant Services	-	-	-	-	-	-	13.5	13.5	54.9	-	-	-	13.5	13.5	54.9
	Western Nuclear	-	-	64.9	-	-	258.8	-	-	28.9	-	-	-	-	-	-
	Union Carbide	-	-	72.5	-	-	235.3	-	-	-	-	-	-	-	-	-
	General ^a	-	0.2	-	-	0.8	-	0.2	1.2	42.4	-	0.1	44.3	-	-	332.0
	TOTAL	-	0.2	-	-	0.8	-	13.7	14.7	-	0.6	0.8	46.2	0.2	1.3	383.9
A2150	Natural Phenomena	-	0.1	43.5	-	0.1	-	2.8	4.8	440.2	-	-	-	2.8	5.3	619.7
A2143	UMOGES	-	0.3	240.6	-	1.5	840.7	0.7	3.3	332.0	-	-	-	0.7	4.8	1172.7
A2157	Kerr-McGee	2.5	9.5	21.5	11.7	45.6	100.6	2.0	2.6	20.8	-	-	-	13.7	48.2	121.4

^aGeneric effort and associated general costs.

^bRedistributed general costs not attributable to specific projects, i.e., general supplies, conferences, etc.

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ARGONNE NATIONAL LABORATORY

9700 SOUTH CASS AVENUE, ARGONNE, ILLINOIS 60439

Telephone 312/972-3101

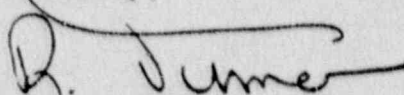
November 29, 1984

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 October 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:



ANL/DOE-CH:
B. Carlan, BUD
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~~8508160178~~ 3pp

TECHNICAL REPORT LETTER
for Month of October 1984
NRC FIN A21572

Project Title: Licensing Program Support - Environmental Review Assistance
NRC Project Manager: W. A. Nixon ANL Principal Investigator(s): S. Y. Tsel
ANL Account No.: BM482
Prepared by (sign): *Steuji Tsai* Date: November 28, 1984

1. Efforts completed during the month of October, 1984.
 - . Written testimony on the admitted contentions has been completed and will be submitted to NRC for review in the first week of November, 1984.
2. A summary of costs to date is provided on a separate sheet.

FIN A21574 ACCOUNT 8M482 TITLE LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE
 BAR 40-10-01-05 CURRENT MONTH YEAR-TO-DATE
 TOTALS FOR: 8M482 LICENSING PROGRAM SUPPORT - ENVIRONMENTAL REVIEW ASSISTANCE

I. EFFORT:

DIRECT MAN-MONTHS 1.80 1.80

 TOTAL EFFORT 1.80

II. COSTS:

DIRECT LOADED LABOR COSTS 7,723.89
 MATERIALS AND SERVICES 34.95
 ADP SUPPORT 24.01
 TRAVEL 2,300.00
 GENERAL AND ADMINISTRATIVE 5,324.85

 TOTAL COST 15,407.62

III. FUNDING STATUS:

PRIOR FY 84 CARRYOVER	\$67	FY 85 PROJECTED FUNDING LEVEL	\$244	FY 85 FUNDS REC'D TO DATE	\$0	FY 85 FUNDING BAL. NEEDED	\$177.5
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* TECHNICAL SERVICES LABOR COST IS INCLUDED WITH MATERIALS AND SERVICES COST.