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Management
Consultants



September 26, 1995

ATKEARNEY

Mr. Benito Garcia
State of New Mexico Environment Department
Hazardous and Radioactive Material Bureau
P.O. Box 26110
2044 Galisteo
Santa Fe, New Mexico 87502

Reference: Work Assignment No. G969; State of New Mexico Environment
Department, Santa Fe, New Mexico; WIPP Disposal Phase Part B
Permit Application Review; Work Plan

Dear Mr. Garcia:

Enclosed please find a copy of the proposed Work Plan for the above-referenced work assignment. This Work Plan calls for A.T. Kearney to support the New Mexico Environment Department with review of the WIPP Disposal Phase Part B Permit Application.

NMED representatives have reviewed the Work Plan and provided commentary and revision. Please sign the attached Work Plan Approval and send to me at the following address:

Connie Walker
A.T. Kearney, Inc.
1200 17th Street Suite 950
Denver, CO 80202

Sincerely,

Connie Walker
Program Manager



Mr. Benito Garcia
September 26, 1995
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cc: B. Hoditschek, NMED
S. Zappe, NMED
L. Knapp, ATK
J. Darabaris, ATK
J. Dreith, ATK
D. Walker, ATK
G. Starkebaum, ATK
M. Harman, ATK
N. Schofield, ATK
P. Goggin Hugo, ATK
J. Schliesmann-Merkle, ATK
H. Sellers, ATK
S. Narasimhachari, ATK
J. Wanslow, ICF

PROPOSED WORK PLAN

Revision 1.0

**Waste Isolation Pilot Plant
Disposal Phase Part B Permit Application Review and
Draft Permit Preparation**

Submitted by:

**A.T. Kearney, Inc.
1200 17th Street, Suite 950
Denver, Colorado 80202**

Submitted to:

**Mr. Benito Garcia
State of New Mexico Environment Department
Hazardous and Radioactive Material Bureau
P.O. Box 26110
2044 Galisteo
Santa Fe, New Mexico 87502**

In response to:

Work Assignment No. G969

September 26, 1995

Work Assignment No. G969
Waste Isolation Pilot Plant
Carlsbad, New Mexico
Part B Permit Application Review

Work Plan Revision No. 1.0
September 26, 1995

Work Plan Approval

I have reviewed the attached work plan and find it meets our criteria for technical accuracy and properly reflects the scope of work and intended use of the deliverable(s). The projected cost, staff hour estimates, and tentative schedule are also acceptable.

APPROVAL:

NMED Project Officer

Date

APPROVAL:

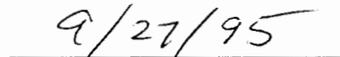
NMED Bureau Chief

Date

APPROVAL:



A.T. Kearney Program Director



Date

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WORK TO BE PERFORMED

A.T. Kearney (ATK) will perform a comprehensive technical review of the Waste Isolation Pilot Plant (WIPP) Disposal Phase Part B Permit Application (Tasks 1-2, page 2). A.T. Kearney shall also assist in the preparation of draft and final permits for the WIPP Disposal Phase (Tasks 3-5, page 2), should NMED elect to prepare a permit following the permit application review.

The NMED has performed the administrative completeness review for the permit application submitted by DOE to NMED, and found the permit application to be complete. A.T. Kearney will review the permit application on a section by section basis, following the schedule presented in Attachment III of this Work Plan. A.T. Kearney shall perform an initial broad-spectrum technical review of the permit application chapters to identify major technical inadequacies. Following a conference call with the NMED to discuss the issues identified, A.T. Kearney shall proceed with a detailed technical review of the permit application following direction of the NMED relative to important issues to address. A.T. Kearney will provide commentary for NMED's review as information requests, and will attend meetings with the NMED and DOE to discuss these issues following the schedule presented in Attachment III of this work plan. The review deliverable prepared by A.T. Kearney will serve as the basis for an information request letter to be submitted by NMED to DOE. A.T. Kearney will also help evaluate DOE's response to the information request letter, the results of which may serve as the basis for an NOD that would be issued, if necessary, by the NMED on December 13, 1995.

PRIMARY INTENDED USE

The main purpose of this work assignment is to provide information and comprehensive support to the State of New Mexico Environment Department throughout the WIPP Permit Application Review and permitting processes. The primary function of the A.T. Kearney deliverable(s) will be to provide information so that NMED can make decisions relative to WIPP permit issuance or denial, and to use A.T. Kearney input when preparing the permit (as necessary). Further, A.T. Kearney will provide NMED support for public meetings/hearings as requested, as well as support during draft/final permit preparation.

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PROJECTS AND TASKS

- Task 1 - Perform technical adequacy review of the Part B permit application. To include review of the permit application and evaluation of DOE response to information requests.
- Task 2 - Evaluation of DOE response to NOD comments
- Task 3 - Draft Disposal Phase Permit Preparation Assistance
- Task 4 - Public Hearing Support, Disposal Phase Permit
- Task 5 - Support to NMED regarding response to Public Comment provided during public hearings, and assistance with preparation of the final Disposal Phase permit.
- Task 98 - Perform quality control review of the draft deliverables.
- Task 99 - Provide management oversight for the project, which will include availability of A.T. Kearney Project manager to NMED.

PROGRESS REPORTS AND CONFERENCE CALL MEETINGS

Information regarding the status of this project will be included in weekly progress reports prepared by A.T. Kearney. The reports will be a brief summary of project status, to include:

- Work completed to date,
- Difficulties encountered and remedial action taken,
- Anticipated activity during the subsequent reporting period,
- Funding status, and

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- Issues/topics that have arisen.

In addition, A.T. Kearney will hold biweekly internal conference calls to discuss project progress, relate any problems encountered during project performance for remedy, and to raise any issues or present any topics that the group should be aware of. NMED is welcome to participate in these conference calls, which are tentatively scheduled to be held every Monday at 10:00 a.m. The telephone number to call for participation in the conference call is: 1-800-982-5939. The access code is 825288.

QUALITY CONTROL PLAN

The A.T. Kearney Project Manager will review all deliverables prior to provision to the NMED to ensure product quality. In addition, each deliverable will undergo independent QA/QC so that the highest quality deliverable is provided to NMED. The Project Manager will also conduct milestone checks on each phase of the Part B Permit Application review and all other activities to ensure that the project is proceeding as scheduled. The Project Manager will be in constant communication with NMED to ensure task accomplishment.

STAFFING AND MANAGEMENT

Mr. John Darabaris will serve as the Program Director. Ms. Connie Walker will serve as the A.T. Kearney Program Manager. Technical section managers include Ms. June Dreith (Chapters A, B, F, G, and H), Mr. Dave Walker (Chapters D and I), Ms. Paula Hugo (Chapter C), Ms. Connie Walker (Chapters E, K, L, and M). Additional staff shall include Ms. Helen Sellers (Chapters B, F, and G), Ms. Jasmine Merkle (Chapters H, K, L, and M), Ms. Paige Walter (Chapters E, D, I), Mr. Greg Starkebaum (Chapters D and I), and Ms. Sripriya Narasimhachari (Chapters A and C). Individual staff responsibilities are shown in Attachment I. Hourly allocations are shown in Attachment II.

PERFORMANCE SCHEDULE

The tasks have been or will be conducted in accordance with the schedule shown in Attachment III.

Work Assignment No. G969
Waste Isolation Pilot Plant
Carlsbad, New Mexico
Part B Permit Application Review

Work Plan Revision No. 1.0
September 26, 1995

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COST ESTIMATE

The estimated cost for completing project tasks scheduled to date is included as Attachment IV. As shown in this attachment, only cost estimates for Task 1 can be presented at this time, as the level of detail required for Task 2 cannot be determined, nor can it be determined whether Tasks 3-5 will be conducted (they will not be conducted if NMED denies a permit).

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ATTACHMENT I

STAFF RESPONSIBILITY CHART

<u>STAFF</u>	<u>ROLE</u>	<u>AREAS OF RESPONSIBILITY</u>
J. Darabaris	Program Director	General program oversight, monitoring of project planning and implementation, including performance of Tasks.
C. Walker	Program Manager	Overall program management including day-to-day management of project progress, project tracking, liaison to State, including performance of Tasks. Technical Section Manager: E, K, L, and M.
J. Dreith	Task Manager	Technical Section Manager: A, B, F, G, and H.
G. Starkebaum	Technical Staff	Technical Reviewer, D and I.
P. Walter	Technical Staff	Technical Reviewer, D, E, and I.
D. Walker	Task Manager Staff	Technical Section Manager: D and I.
H. Sellers	Technical Staff	Technical Reviewer, B, F, and G.
P. Hugo	Task Manager	Technical Section Manager: C.
S. Narasimhachari	Technical Staff	Technical Reviewer, A and C.
J. Merkle	Technical Staff	Technical Reviewer, H, K, L, and M.

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ATTACHMENT II

STAFFING

<u>Name</u>	<u>Labor Category¹</u>	<u>TASK⁴</u>					<u>98²</u>	<u>99³</u>	<u>TOTAL</u>
		<u>1*</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>			
<u>Program Director</u>									
J. Darabaris	Program Director	24	TBD	TBD	TBD	TBD	44	68	
<u>Technical Personnel</u>									
C. Walker	Technical Manager	160	TBD	TBD	TBD	TBD	92	252	
J. Dreith	Mid. Haz. Waste Mgmt. Spec.	268	TBD	TBD	TBD	TBD		268	
G. Starkebaum	Sr. Engineer	104	TBD	TBD	TBD	TBD		104	
D. Walker	Mid. Engineer	320	TBD	TBD	TBD	TBD		320	
P. Walter	Jr. Engineer	240	TBD	TBD	TBD	TBD		240	
H. Sellers	Mid. Env. Scientist	128	TBD	TBD	TBD	TBD		128	
S. Narasimhachari	Jr. Haz. Waste Mgmt. Spec.	128	TBD	TBD	TBD	TBD		128	
P. Goggin Hugo	Mid. Env. Scientist	176	TBD	TBD	TBD	TBD		176	
J. Merkle	Jr. Env. Scientist	112	TBD	TBD	TBD	TBD		112	
Clerical Support		100	TBD	TBD	TBD	TBD		100	
<u>Quality Control</u>									
ICF Kaiser	Sr. Engineer	-	-	-	-	-	100	-	100
<u>Totals</u>		1760					100	116	1976

Work Assignment No. G969
Waste Isolation Pilot Plant
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ATTACHMENT II (Con't.)

- 1/ Provides Labor Classification for Each Staff Person
(e.g., Senior, Mid, Junior level)
- 2/ Task 98 - Quality Control
- 3/ Task 99 - Project Management, including maintenance of the administrative record
- 4/ Hours - Does not include travel time.
- * Includes overtime hours
- TBD To be determined

ATTACHMENT III

DRAFT-TENTATIVE PROPOSED SCHEDULE
WIPP Part B Permit Application Review Schedule
Revision 1.0
Deliverables and Meeting Schedule

Chapter ¹	Project Start Date - Initial Review ²	Conference Call- Technical Issues ²	Technical Review	To QC	Back from QC/Integrate Comments	Deliverable to NMED ³	NMED/ ATK Meeting	NMED/ATK/DOE Meeting	DOE- Provide Additional Information	Evaluate Additional Information ⁴
A	9/11/95-9/20/95	9/21/95	9/22/95-10/9/95	10/11/95	10/17/95	10/24/95	10/25/95	10/26/95	10/27/95-11/2/95	11/3/95-11/7/95
C	9/11/95-9/20/95	9/21/95	9/22/95-10/9/95	10/11/95	10/17/95	10/24/95	10/25/95	10/26/95	10/27/95-11/2/95	11/3/95-11/7/95
E	9/21/95-9/27/95	10/3/95	10/4/95-10/15/95	10/26/95	11/1/95	11/7/95	11/8/95	11/9/95	TBD	TBD
I	9/21/95-9/27/95	10/3/95	10/4/95-10/17/95	10/26/95	11/1/95	11/7/95	11/8/95	11/9/95	TBD	TBD
B	9/21/95-9/27/95	10/3/95	10/4/95-10/15/95	10/11/95	10/17/95	10/24/95	10/25/95	10/26/95	10/27/95-11/2/95	11/3/95-11/7/95
D	9/21/95-10/2/95	10/3/95	10/4/95-10/17/95	10/26/95	11/1/95	11/7/95	11/8/95	11/9/95	TBD	TBD
F,G,H	10/27/95-11/3/95	11/6/95	11/7/95-11/19/95	11/20/95	11/24/95	11/28/95	11/29/95	11/30/95	12/1/95-12/7/95	12/8/95-12/12/95
K,L,M	10/27/95-11/2/95	11/6/95	11/7/95-11/19/95	11/20/95	11/24/95	11/28/95	11/29/95	11/30/95	12/1/95-12/7/95	12/8/95-12/12/95

1 = Listed in order that Chapters will be reviewed

2 = A brief listing of major technical issues and potential deficiencies requiring further detailed review

3 = In "NOD" format, with a section by section evaluation of information; to be used in information request letter

4 = Will go through Information Request Letter issue responses, evaluate adequacy of responses; those issues not adequately responded to will be placed in the December 13, 1995 NOD

5 = Draft issues memo to ATK WAM 3 days prior to conference call, for delivery to NMED 2-3 days prior to conference call

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ATTACHMENT IV

COST ESTIMATE

Task 1

<u>PERSONNEL</u>	<u>CATEGORY</u>	<u>REG RATE</u>	<u>OT RATE</u>	<u>REG HOURS</u>	<u>LABOR COST</u>
ATK CLERICAL SUPPORT	CLERICAL SUPPORT	30.59	45.89	100	3,059
DARABARIS, J.	PROGRAM DIRECTOR	106.51	44.59	68	7,243
DREITH, J.	MID HWMS	90.06	59.06	268	24,136
GOGGIN, P.	MID ENV SCI	74.40	50.14	176	13,094
MERKEL, J.	MID ENV SCI	74.40	50.14	112	8,333
NARASIMHACHARI, S.	JR HWMS	49.28	44.59	128	6,308
SELLERS, H.	MID ENV SCI	74.40	50.14	128	9,523
STARKEBAUM, G.	SR ENG	99.91	47.14	104	10,391
WALKER, C.	TECH MGR	94.83	58.10	252	23,897
WALKER, D.	MID ENG	67.09	50.16	320	21,469
WALTER, P.	JR ENG	48.59	38.25	240	11,662
ICF KAISER	SR ENG	99.91	--	<u>100</u>	<u>9,991</u>
				1976	146,047
	TRAVEL				9,000
	REPRODUCTION				677
	COMPUTER				3,887
	TELEPHONE				150
	SUPPLIES				100
	COURIER/POSTAGE				150
	CONTRACT ADMIN-DL				748
	TOTAL ODCS				14,712
	TOTAL LABOR				146,047
	TOTAL ODCS				14,712
	TOTAL ESTIMATED COST				
	LESS GROSS RECEIPTS				160,759
	GROSS RECEIPTS				
	TAX 6.0625 %				9,686
	TOTAL <u>ESTIMATED COST</u>				<u>\$170,445</u>