



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

Wesley C. Patrick, President
Center for Nuclear Waste
Regulatory Analyses
6220 Culebra Road
PO Drawer 28510
San Antonio, TX 78228-0510

NOV 7 1996

Dear Dr. Patrick:

Subject: Task Order No. 4 Entitled, "Ground-Water Chapter of Chapter of Uranium Recovery Title I and II Reclamation Standard Review Plan", Under Contract NRC-02-96-004

In accordance with the task order procedures of the subject contract, this letter definitizes Task Order No. 4. This effort shall be performed in accordance with the enclosed Statement of Work and the Contractor's technical proposal dated August 2, 1996 as revised on August 19 and 22, 1996. The effective date of this task order shall be November 4, 1996.

Task Order No. 4 shall be in effect from November 4, 1996 through April 11, 1997 with a cost ceiling of \$50,899. The amount of [REDACTED] represents the total estimated reimbursable costs, the amount of [REDACTED] represents the cost of facility capital, and the amount of \$3,680 represents the fixed fee for this task order.

The amount currently obligated is \$50,902.00.

The obligated amount shall, at no time, exceed the task order ceiling. When and if the amount(s) paid and payable to the Contractor hereunder shall equal the obligated amount, the Contractor shall not be obligated to continue performance of the work unless and until the Contracting Officer shall increase the amount obligated with respect to this task order. Any work undertaken by the Contractor in excess of the obligated amount specified above is done so at the Contractor's sole risk.

Accounting Data for Task Order No. 4 is as follows:

B&R No.: 75015233000
JC No.: J5147
BOC: 252A
Appn. No.: 31X0200
Obligated: \$50,902

The following individuals are considered to be essential to the successful performance of the work hereunder: Patrick Mackin, Gordon Wittmeyer, David Turner, Dr. Mark Jarzempa, and Pat LaPlante.

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The Contractor agrees that such personnel shall not be removed from the effort under the task order without compliance with Contract Clause H.1 Key Personnel. Further, any consultants that the Contractor plans to utilize under this task order must be approved by the NRC Contracting Officer before that consultant may begin work under this task order.

Your contacts during the course of this task order are:

Technical Matters: Deborah DeMarco
Project Officer
(301) 415-7796

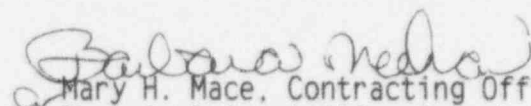
Contractual Matters: Deborah Neff
Contract Specialist
(301) 415-8160

The issuance of Task Order No. 4 does not change any terms and conditions of the subject contract.

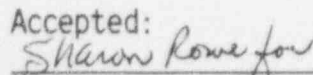
Please indicate your acceptance of Task Order No. 4 by having an official authorized to bind your organization, execute three (3) copies of this document in the space provided and return two (2) copies to the U.S. Nuclear Regulatory Commission, Attn: Ms. Neff, ADM/DC/TAB1, Mail Stop T-712, Washington, DC 20555. You should retain the third copy for your records.

If you have any questions regarding this matter, please contact Ms. Neff on (301) 415-8160.

Sincerely,


Mary H. Mace, Contracting Officer
Technical Acquisition Branch No. 1
Division of Contracts
Office of Administration

Enclosure:
As stated

Accepted:

Name Robert E. Chatten

Director, Contracts
Title

December 20, 1996
Date

TASK ORDER NO. 04 TITLE: GROUND-WATER CHAPTER OF URANIUM RECOVERY TITLE I
AND II RECLAMATION STANDARD REVIEW PLAN

JOB CODE	J5147
NRC ISSUING OFFICE	NMSS
NRC PROJECT OFFICER	DEBORAH DEMARCO, 415-7796
NRC TECHNICAL MONITOR	WILLIAM FORD, 415-6630
DOCKET NUMBER:	NONE
TAC NUMBER:	(Not Yet Assigned)
FEE RECOVERABLE:	NO

1.0 Background

Before a conventional uranium processing site is restored a reclamation plan that describes planned restoration activities is reviewed by NRC staff. This is true for Title I facilities (U.S. Department of Energy) and Title II facilities (commercial). To help the staff review these documents the NRC staff has prepared a standard review plan for reclamation activities. However, this review plan needs to be updated with respect to ground-water restoration activities.

2.0 Objective

The objective of this task shall be to prepare a ground-water chapter of the reclamation standard review plan for Title I and Title II sites. Included in the outline shall be a review effort focused on ground-water corrective actions or alternate concentration limits.

3.0 Technical Qualifications Required

The contractor shall provide the services of geohydrologists and geochemists who have an understanding of ground-water movement, chemistry, and transport associated with uranium mill tailings disposal sites. Familiarity with the Nuclear Regulatory Commission regulatory process is required.

4.0 Level of Effort

The estimated effort for this task is 416 staff hours (0.2 FTE).

5.0 Completion Date

Approximately 4 months will be required to complete the task.

6.0 Scope of Work

1. Using the previously prepared annotated outline the contractor staff shall identify the regulatory and environmental requirements from 10 CFR Part 40, Appendix A, Criteria, 5, 7, and 13 and relevant sections of 40 CFR Parts 192 Subparts A through E and 40 CFR Part 264 that are related to the applicable section of the review plan and need to be met; by using appropriate information gathered from:

- (a) NRC files.
- (b) U.S. Environmental Protection Agency regulations and guidance.

(c) the public literature.

2. As the Standard Review Plan proceeds through "significant" revisions contractor staff shall provide copies of the current draft to the NRC. It is not expected that these drafts shall be formal deliverables to the NRC, but shall be sent by FAX and e-mail, with the purpose of maintaining an active dialogue between contractor and NRC staff.
3. A draft of the Acceptance Review Section shall be prepared which includes qualitative and quantitative options for acceptance criteria. NRC staff will review these drafts and provide the contractor guidance on which options shall be specified in the review plan. However, while the NRC staff conducts it's review; work would not stop on preparation of the review plan. Only options selected shall be incorporated into the review plan.
4. A draft of the Conclusions Section shall be prepared that includes a short, one to three paragraph conclusion that needs to be made concerning the regulatory requirements identified under item 1. NRC staff will review these drafts, but while the NRC staff conducts it's review; work would not stop on preparation of the review plan.
5. The contractor shall prepare drafts of the review plan that contain quantitative and qualitative options for review criteria and procedures that could be acceptable in meeting the requirements identified under item 1 above and support the conclusions identified in item 4. Options that are identified shall be based on (1) previous NRC review precedents, (2) operational experience, (3) inspection results, and (4) information outlined in item 1 above. All options identified must be directly within NRC's regulations. The NRC staff will provide the contractor guidance on which option will be incorporated into the final review plan. Therefore, the final review plan shall have only those review criteria and procedures the staff wants to adopt in it's formal review process. NRC staff will review these drafts, but while the NRC staff conducts it's review; work would not stop on preparation of the review plan. It is anticipated that the NRC staff will communicate it's review observations in active dialogue with the contractor staff and not through formal review transmittals.
6. Final draft provided to NRC staff.
7. NRC staff reviews final draft.
8. Contractor staff prepare a final annotated outline that is camera ready for publication by NRC as a NUREG.

7.0 Meeting and Travel

Many NRC records, which cannot be readily provided, may have to be researched. Therefore, some trips to search the NRC records may be necessary. It is estimated 1 one person trip of one week duration to Washington D.C. may be required.

One trip to Washington DC may be required to discuss NRC comments on the "final draft". It is estimated that this trip might require 1 individual's time for 2 days in Washington D.C.

8.0 NRC-Furnished Materials

The NRC will furnish materials as requested by contractor staff or contractor staff shall have to travel to Washington DC or Austin Texas to access the public document rooms.

9.0 Schedule

The following schedule of the staff time required is based on estimates of time intervals to accomplish this task. The time required to obtain responses from DOE or management approval of various phases is estimated under the response column.

Calendar Time To Accomplish Tasks

	Contractor Staff (Weeks)	Response (Weeks)	Deliverable(s) (Weeks from Contract Award)
Literature research -	7		
Draft of Conclusions Section prepared.			18
Final Draft Prepared	3		22
NRC staff review of final draft		3	
Final Draft	3		28

10.0 Technical Direction

Technical instructions may be issued from time to time during the duration of this task. Technical instructions shall not constitute new assignments of work or changes of such nature as to justify an adjustment in cost or period of performance. Directions for changes in the scope of work, cost, or period of performance shall be issued by the NRC Contracting Officer.