



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

OCT 22 1996

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

Subject: Task Order No. 5 Entitled, "Cogema Mining Inc. License Renewal",  
Under Contract NRC-02-96-004

Dear Dr. Patrick:

In accordance with the task order procedures of the subject contract, this letter definitizes Task Order No. 5. 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 October 22, 1996.

Task Order No. 5 shall be in effect from October 22, 1996 through August 1, 1997 with a cost ceiling of \$51,167. The amount of \$46,236 represents the total estimated reimbursable costs, the amount of \$1,232 represents the cost of facility capital, and the amount of \$3,699 represents the fixed fee for this task order.

Accounting Data for Task Order No. 5 is as follows:

B&R No.: 75015233000  
JC No.: J5147  
BOC: 252A  
Appn. No.: 31X0200  
Obligated: \$51,167

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

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: Donna Umbel  
Project Officer  
(301) 415-7819

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PDR CONTR  
NRC-02-96-004 PDR

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Contractual Matters: Barbara Meehan  
Contract Specialist  
(301) 415-6730

The issuance of Task Order No. 5 does not change any terms and conditions of the subject contract.

Please indicate your acceptance of Task Order No. 5 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: Mrs. Barbara Meehan, 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 Mrs. Meehan on (301) 415-6730.

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

November 5, 1996

Date

TASK ORDER NO. 05 TITLE COGEMA MINING INC. LICENSE RENEWAL

JOB CODE	J5147
NRC ISSUING OFFICE	NMSS
NRC PROJECT OFFICER	DONNA UMBEL, 415-7819
NRC TECHNICAL MONITOR	WILLIAM FORD, 415-6630
DOCKET NUMBER:	40-8502
TAC NUMBER:	L51221
FEE RECOVERABLE:	YES

### 1.0 Background

Cogema Mining Inc. is in timely renewal of the NRC Source material license for it Irrigaray and Christensen Ranch properties. Renewal of this license will also require the license to be rewritten into a performance based license.

### 2.0 Objective

The objective of this task shall be to review the ground water and radiation protection chapters of the license renewal application; generate questions if required, and review the responses to those questions. Contractor staff shall also provide input to the environmental assessment (EA) and technical evaluation reports (TER).

### 3.0 Technical Qualifications Required

The contractor shall provide the services of geohydrologists, geochemists, and health physicists who have an understanding of ground-water movement, well drilling and operation, and the health physics concerns of a uranium source material processing facility. 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 7.75 months are estimated to complete the task. However, this estimate may decrease or increase as it is heavily dependent on the number of comments generated by the review, the difficulty associated with resolving the comments, and the length of time it takes the applicant to respond to comments.

### 6.0 Scope of Work

1. The NRC staff will provide an orientation to relevant contractor staff on the license renewal, either by phone or meeting.
2. The contractor shall review the application using any completed portions of the standard review plan being prepared. If standard review plan sections are not available, the contractor shall use previous NRC reviews as a precedent and bases for conducting the review. If needed, questions shall be prepared that can be sent to the licensee as requests

for additional information (RAI). Requests for additional information shall only be in areas where the licensee has not proposed sufficient information to justify its technical position. Requests for additional information shall be tied directly to NRC review practices and precedents including other renewal reviews. The review shall not only focus on the environment and the health and safety of the public, but must also pay attention to information needed to convert to a performance based license. Comments shall be sent to the NRC for transmittal to the applicant. During the review, relevant NRC staff will be available to answer questions the contractor staff may have on this project. It is anticipated that a reasonable portion of the review shall be conducted at NRC headquarters by contractor staff. The contractor staff shall also participate as requested by NRC staff in face-to-face or telephone interactions with the applicant to resolve technical concerns and comments generated by the review as well as requests for explanations about fee recoverable charges.

3. A draft of the ground-water and health-physics input to the EA shall be sent to the NRC. Draft input shall include: (1) a short discussion of the proposal made by the licensee in its application; (2) a description of the review conducted, including the NRC regulatory framework; and (3) the conclusions reached and the basis for the conclusions. All reviews and subsequent documentation need to be conducted consistent with the NRC review plan, if available, or previous review precedent including NRC accepted applications. Activities outside of this review framework shall not be undertaken.
4. A draft of the ground-water and health physics sections of the TER shall be transmitted to the NRC. Draft input shall include: (1) a short discussion of the proposal made by the licensee in its application; (2) a description of the review conducted, including the NRC regulatory framework; and (3) the conclusions reached and the basis for the conclusions. All reviews and subsequent documentation shall be conducted consistent with the NRC review plan, if available, or previous review precedent, including NRC accepted applications. Activities outside of this review framework shall not be undertaken.
5. NRC staff will review these drafts of the EA and TER.
6. Incorporating NRC staff comments, the ground-water and health physics inputs to EA shall be sent to the NRC.
7. Incorporating NRC staff comments, the ground-water and health physics sections of the TER shall be transmitted to the NRC.

## 7.0 Meeting and Travel

Many NRC records, which cannot be readily provided, may have to be researched. In addition, it is anticipated that a reasonable portion of the review shall be conducted at NRC headquarters by contractor staff. Contractor staff may also have to be present at some meetings with the applicant. Therefore, some trips to search the NRC records may be necessary. It is estimated 2 one person trips of one week duration to Washington D.C. may be required.

## 8.0 NRC-Furnished Materials

Cogema license renewal application.  
Current Cogema license  
Inspection reports  
Event reports  
EA, TER, and license for Power Resources Inc.  
Information on Regulatory Reduction Effort  
Sample performance based license conditions  
NRC Format and Content Regulatory Guide for *In situ* Mines.

## 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 Task

	Contractor Staff (Weeks)	Response (Weeks)	Deliverable(s) (Weeks from Contract Award)
Briefly review application	1		
Orientation meeting	1 day		
Conduct review and prepare comments.	5		18
NRC review of comments.		2	
NRC submits comments to applicant.		1	
Applicant responds to comments.		8	
Review response to comments and resolve comments with applicant.	3		32
Prepare draft environmental assessment.	4		36
Prepare draft technical evaluation input.	3		39
NRC staff comment on draft technical evaluation and draft environmental input.		3	
Prepare environmental assessment input.	2		44
Prepare technical evaluation input.	1		45

#### 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.