

February 10, 1998

MEMORANDUM TO: Deborah A. DeMarco, Technical Assistant Project Manager
Resource Management Branch, NMSS

FROM: Daniel M. Gillen, Assistant Branch Chief [Original signed by]
Uranium Recovery Branch
Division of Waste Management, NMSS

SUBJECT: REVIEW OF LICENSE AMENDMENTS: CONTRACT NRC-02-98-002

Attached is a revised Statement of Work (SOW) for Review of License Amendments under Contract NRC-02-98-002. The SOW of November 6, 1997, sent along with the original contract documents, has been revised. Please use the attached SOW to solicit a proposal from CNWRA.

Please call Banad Jagannath at 415-6653 if you have any questions on this.

Attachment: As stated

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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TASK ORDER NO. XX TITLE:

REVIEW OF LICENSE AMENDMENTS

JOB CODE

J5220

NRC ISSUING OFFICE

NMSS

NRC PROJECT MANAGER

DEBORAH DEMARCO, 415-7796

NRC TECHNICAL MONITOR

BANAD JAGANNATH, 415-6653

DOCKET NUMBER:

VARIOUS

TAC NUMBER:

VARIOUS

FEE RECOVERABLE:

YES

1.0 Background

Uranium Mill sites under license after November 8, 1978, are regulated under Title II of the Uranium Mill Tailings Radiation Control Act (UMTRCA), which amended the Atomic Energy Act. Licensing actions for these sites must meet the requirements of 10 CFR 40.

Throughout FY 98, licensees will submit a wide variety of requests to amend their approved licenses, including some that will require technical review in the areas of geotechnical engineering, radon barrier design, surface water hydrology and erosion protection, groundwater issues, and soil cleanup. These amendment requests could involve such actions as review of changes to groundwater corrective action plans, tailings reclamation plans, or decommissioning plans, or review of requests to approve completion of reclamation activities that require a review of the Completion Reports that document the completion of reclamation activities. The existing license, background information, and any information submitted with the request will be made available so that the individual amendments can be reviewed in accordance with applicable criteria.

2.0 Objective

The objective is to confirm that licensed activities will be in accordance with the requirements of 10 CFR 40. CNWRA must first determine, in an acceptance review, if enough information has been provided by the licensee, and if information is lacking, request what is needed. With adequate information, CNWRA will do a detailed evaluation to determine whether or not the requirements of 10 CFR 40 are met. If the proposed amendment is considered deficient, the licensee will be requested to revise the request accordingly to meet the requirements of Part 40. Once a plan is acceptable, CNWRA will provide a written Technical Evaluation Report (TER). Review of Completion Report is documented in a Completion Review Report (CRR).

3.0 Technical Qualifications Required

CNWRA will provide the services of health physicists, geotechnical engineers, geochemists, surface water hydrologists, and groundwater hydrologists, as appropriate, who have the capability to evaluate each amendment request. Familiarity with NRC regulations and standard review procedures is required.

4.0 Level of Effort

The estimated total effort for the review of five license amendments in this task is approximately 700 staff hours (0.35 FTE) for the technical reviewers. This does not include time spent waiting for licensee responses or NRC and management reviews.

5.0 Completion Date

Approximately 7 months will be required after initiation of the task to complete review and evaluation of five amendments.

6.0 Scope of Work

CNWRA staff will use the Draft Standard Review Plan (SRP) for the Review of Reclamation Plans for Mill Tailings Sites Under Title II of Uranium Mill Tailings Radiation Control Act (December 1997), the draft SRP for In Situ Leach Facilities, or other current design guidance, examples of past amendment reviews, and discussions with NRC staff, to:

1. Become familiar with NRC's procedures for evaluating license amendments.
2. Evaluate the licensee's submittal, including, as necessary:
 - a. previous related licensing actions
 - b. a previously-approved reclamation plan
 - c. relevant groundwater data, surface water and erosion protection data, geotechnical data and construction specifications
3. Prepare a status report which addresses CNWRA's amendment review conclusions and comments, including whether or not the amendment is acceptable as proposed, meets the standard, needs minor modification, or needs additional justification or supporting data.
4. Repeat steps 2 - 3 as necessary to reach a decision to either deny or accept the amendment request.
5. Prepare a final TER/CRR for the amendment request, presenting the evaluation of the request with a discussion of how it meets applicable criteria of Part 40. The report should be provided as a hard copy and in diskette form compatible with the WordPerfect 6.1 processing system.

7.0 Meeting and Travel

Two meetings (1 person, 3-days per trip) to be held at NRC's offices in Rockville, Maryland (if required), as directed by the NRC Project Manager.

Additional travel (1 person, 3-days per trip to western states like WY, UT, and NM) may be necessary to a particular site, to review construction data and become familiar with site conditions, as approved by the Project Manager.

8.0 NRC-Furnished Materials

- Appropriate guidance documents, including SRPs.
- Example Technical Evaluation Reports for amendments and Completion Review Reports for review of CR.
- Licensee's submittal.
- Background information, including any related previous licensing actions.

9.0 Schedule

The following schedule of the staff time required is based on an average estimate of time intervals to accomplish a typical amendment. The time required to obtain responses from the licensee or management approval of various phases is estimated under the response column. However, amendments can cover a wide range in their complexity, so the actual time spent on each review may vary significantly. Deliverable dates are not provided because of this variability and the fact that licensee submittal dates are unknown. However, CNWRA and NRC will agree on the delivery schedule at the beginning of each amendment review task.

	CNWRA Staff (weeks)	Response (weeks)	Deliverable(s) (Due Dates)
CNWRA reviews the material and prepares a TER/CRR containing conclusions and requests for information or revisions, if necessary	2	-	w/in 2 wks. after TO award
NRC issues amendment or transmits comments If necessary:	-	1	
Licensee responds	-	4	
CNWRA evaluates the response and Finalizes TER/CRR	0.5	-	w/in 1 wk. of receipt of licensee's response

10.0 Technical Direction

Banad Jagannath is the designated Technical Monitor for this task. 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 will be coordinated through the NMSS Project Manager.