

MAR 3 1993

3.5 L2094

Dr. Ronald O. Hultgren  
Deputy Assistance Manager  
Energy Research and Development  
DOE Oak Ridge Field Office  
Post Office Box 2008  
Oak Ridge, Tennessee 37831-6269

Dear Dr. Hultgren:

The enclosed NRC Form 173, Standard Order for DOE Work (SOEW), for \$70,000 is submitted in accordance with Section III.B.2 of the DOE/NRC Memorandum of Understanding of February 24, 1978.

Please indicate DOE acceptance by signing and returning the enclosed NRC Form 173 to the NRC Office of the Controller, Division of Accounting and Finance, with a copy to this office.

If you have any questions, please contact Mr. David Tiktinsky at 301-504-2656. Thank you for your assistance.

Sincerely,

ORIGINAL SIGNED BY  
MALCOLM R. KNAPP

Malcolm R. Knapp, Director  
Program Management, Policy Development  
and Analysis Staff, NMSS

Enclosure: SOEW 5093039

cc: R. Barber, DOE EH-342  
~~R. Spradlen, OR - D. Phillips~~  
C. Pugh, ORNL  
D. O'Conner, ORNL  
J. Cannon, ORNL

NMSS PPB 3.5 L2094  
NMSS r/f, SOEW  
DTiktinsky  
DUmbel  
KDatto, OC/PAB2  
Rakowski, OC/FSS  
AMullins, LLWM  
JSurmeier, LLWM  
FIN L2094

(This certifies that funds in the amount of \$70k are available for obligation in the FY93 allotment for the work described in the enclosed work order)

\_\_\_\_\_  
Funds Certifying Official

3/3 #3 emb

OFC	RMB	E	RMB	E	RMB	E	PMDA	N
NAME	DTiktinsky		GBeveridge		KMcDarby		MKnapp	
DATE	3/3/93		3/3/93		3/3/93		3/3/93	

C = COVER

E = COVER & ENCLOSURE

N = NO COPY

PROJECT TITLE TECHNICAL ASSISTANCE IN THE PREPARATION OF AN ENVIRONMENTAL  
IMPACT STATEMENT ON THE PROPOSED LICENSING ACTION BY NRC OF  
ENVIROCARE OF UTAH, INC.'S 11e.(2) BYPRODUCT MATERIAL  
DISPOSAL FACILITY, TASKS 1 AND 2, PERFORMED UNDER THE  
PROJECT ENTITLED TECHNICAL SUPPORT FOR LLWM FOR DESIGN,  
CONSTRUCTION, AND OPERATION OF LLW FACILITIES, FEE  
RECOVERABLE

JOB CODE L2094  
B&R NO 35019402100  
NRC OFFICE NMSS  
NRC PROJ. OFFICER DAVID TIKTINSKY, 301-504-2656  
NRC TECH. MONITOR ALLAN MULLINS, 301-504-2578

### 1.0 Background

Envirocare of Utah, Inc. (Envirocare), has submitted an application, safety analysis report, and an environmental report to NRC for a license to accept and dispose of uranium and thorium byproduct material (as defined in Section 11e.(2) of the Atomic Energy Act of 1954, as amended) received from other persons, at a site near Clive, Utah. A Draft Environmental Impact Statement (DEIS) has been prepared on the proposed activity and published as NUREG-1476 (February 1993).

The applicant proposes to place the 11e.(2) byproduct material in earthen disposal cells and to cover these with soil and rock. The disposal cells would be separate from those used in an adjacent low-level waste disposal facility which is owned and operated by Envirocare and licensed by the State of Utah. A separate disposal site containing uranium mill tailings is also located adjacent to the proposed 11e.(2) byproduct material disposal site. This site was created by the Department of Energy under the Uranium Mill Tailings Radiation Control Act of 1978. When completed, the 11e.(2) byproduct material disposal site will be under license by the NRC.

### 2.0 Objective

The objective of this task is to assist the NRC in the development of the Final Environmental Impact Statement for the Envirocare 11e.(2) byproduct material disposal facility.

### 3.0 Technical and Other Special Qualifications Required

ORNL shall commit the appropriate number of qualified staff to the project encompassing all required disciplines to perform an EIS review. NRC reserves the right to approve the Project Manager and the individual personnel assigned to the Tasks in the disciplines of health physics, groundwater hydrology, and socio-economics. The ORNL Project Manager shall be experienced in managing preparation of EIS's and may not be changed during the Task 1 work period without prior written approval by NRC.

### 4.0 Level of Effort

The staff estimates the level of effort to be approximately 10 staff months

with the following breakdown.

Task 1 (9 staff months (SM))

Subtask A	3.5
Subtask B	4.0
Subtask C	1.0
Subtask D	0.5

Task 2 1 staff month

#### 5.0 Completion Date

The completion date for Task 1 is September 1, 1993. Task 2 is contingent on events and may not be required. The commitment to perform the work activities under Task 2 will run until January 1, 1994.

#### 6.0 Work Required

Task 1 - Plan, Organize, and Implement the EIS Process to Perform an Environmental Review and Preparation of a Final Environmental Impact Statement (FEIS).

##### SUBTASK A

Review and become familiar with the proposed project and supporting data. Review DEIS for adequacy, sufficiency, accuracy, and completeness. Particular attention should be given to groundwater, radiological aspects, transportation of waste to the site, and socio-economics. Plan a site visit coordinated with NRC staff. Complete by April 26, 1993.

##### SUBTASK B

Review comments received on the DEIS from outside reviewers. Compile, organize, and categorize comments and draft responses to all comments in coordination with NRC. Complete by May 31, 1993, and submit to NRC for approval.

##### SUBTASK C

After NRC approval, revise DEIS to reflect comments and submit draft to NRC for final review. Complete by June 28, 1993.

##### SUBTASK D

Revise DEIS to reflect NRC final comments and prepare camera ready FEIS ready for printing in the same format as the DEIS. Complete and submit to NRC by August 13, 1993.

## Task 2 - Support for Licensing Proceeding.

In the event of legal challenge to the evaluations made under the National Environmental Policy Act of 1969, the contractor shall provide information on the FEIS and its supporting material as requested. ORNL could be requested to provide information for answers to interrogatories and to provide experts to prepare written testimony and present oral testimony as needed or deemed advisable and as requested by NRC.

### 7.0 Meetings and Travel

No more than 5 contractor personnel shall make one trip to the site vicinity for familiarization purposes. Upon request, the contractor shall meet with the NRC Project Manager and Technical Monitor at NRC offices in Rockville, Maryland, up to three times during the conduct of task 1. The NRC Technical Monitor may periodically meet with the contractor in ORNL offices at Oak Ridge, Tennessee, to review progress and provide input into the project as necessary and desirable.

### 8.0 NRC Furnished Material

NRC will provide the following to ORNL:

Hard copy of the applicant's Environmental Report (ER) on the Clive disposal site.

Hard copy of the DEIS

Computer disc containing WordPerfect 5.1 copy of the applicant's ER.

Computer disc containing WordPerfect 5.1 copy of the DEIS.

Copy of NUREG-0650, Revision 1, "Publishing Documents in the NUREG Series."

### 9.0 DOE Acquired Material

No materials are expected to be acquired under this task.

### 10.0 Schedule

The following schedule shows allocations of time to accomplish milestone steps and completion target dates in the FEIS process. The target dates marked with an asterisk are firm and the schedule does not allow for any deviations.

File DEIS with EPA	March 1, 1993
Notice of Availability (EPA)	March 12, 1993
+Complete Subtask A	April 26, 1993
End of Public Comment Period	April 26, 1993

+Public Comments Addressed by ORNL and submitted to NRC for review (Subtask B).	May 31, 1993
NRC review comments sent to ORNL	June 14, 1993
+Comments incorporated into dFEIS (Subtask C) Revised draft sent to NRC	June 28, 1993
NRC final Comments on dFEIS to ORNL	July 19, 1993
+ORNL provide camera ready FEIS to NRC (Subtask D)	August 13, 1993
*Complete FEIS-Send to Publisher	August 16, 1993
*NRC Publish Final EIS	September 13, 1993
*File EIS with EPA	September 13, 1993
*Notice of Availability (EPA)	September 24, 1993

NOA must be no later than October 1, 1993

+ indicates ORNL Milestone  
\* indicates firm date

### 11.0 Reports

The final Task 1 report shall be the FEIS which shall be submitted in hard copy and in an electronic medium form (WordPerfect 5.1). The NRC intends to publish the FEIS as a NUREG report; therefore, the document should meet the requirements for preparation of such reports. The format of the DEIS provided to ORNL (listed in Section 8.0) meets those requirements and should be used in the FEIS. Reports on any assessment by ORNL of the data and information in the Environmental Report (prepared by the license applicant), the DEIS, or on public comments on the DEIS shall be in letter report form.

A Monthly letter status report (MLSR) with the information provided as shown in the statement of work for FIN L2094 shall be prepared by the 20th of the following month. In addition, the following breakdown of monthly staff utilization shall be provided in the MLSR showing the number of hours charged to the following categories: radiological assessment, groundwater assessment, transportation and accident analysis and assessment, general review of documents and supporting information, review of public comments and preparation of responses, preparation of draft FEIS, and preparation of FEIS. The report shall describe by these categories, the work activities accomplished and in progress with an estimate of the degree of completeness. Completion dates should be tracked and reported on the Subtask level.

## 12.0 Special Proposal Instructions

The estimates of staff effort should be broken down to the subtask level (also note special reporting requirements in section 11.0)

## 13.0 Technical Direction

Allan T. Mullins is designated the NMSS Technical Monitor. David H. Tiktinsky is designated the NRC Project Officer. Technical instructions will be issued from time to time during the period of performance. Technical instructions may not constitute new assignments of work or changes of such a nature as to justify an adjustment in cost or period of performance. Directions, if any, for changes in scope of work, cost, or period of performance will be issued by the NRC Project Officer.