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

May 23, 2002

Advanced Technologies and Laboratories
International, Inc.
ATTN.: Ms. Ray-way Hwang
20010 Century Boulevard, Suite 500
Germantown, Maryland 20874

SUBJECT: TASK ORDER NO. 14 ENTITLED "REVISION OF NUREG-1536"
UNDER CONTRACT NO. NRC-02-00-010

Dear Ms. Hwang:

In accordance with Section G.5(c) entitled "Task Order Award," of the subject contract, this letter definitizes the subject Task Order. This effort shall be performed in accordance with the enclosed Statement of Work .

Task Order No. 14 shall be in effect from May 24, 2002 through May 31, 2003. The total cost ceiling is $178,227.00, of which the sum of $165,025.00 represents the reimbursable costs and the sum of $13,202.00 represents the fixed fee.

This Task Order No. 14 obligates funds in the amount of $100,000.00.

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 this task order is as follows:

B&R No.:	25015308270
Job Code No.:	J5281
BOC:	252A
APPN No.:	31X0200
FFS No. :	5002R071
Obligated Amount:	$100,000.00

TEMPLATE-ADM 001

ADM 02

NRC-02-00-010 - Task Order No. 14

The following individuals are considered essential to the successful performance of the work hereunder: [redacted] agrees that such personnel shall not be removed from the effort under the task order without compliance with Contract Clause H.5, Key Personnel.

Your contacts during the course of this task are:

Technical Matters:	Kirke Lathrop, Technical Monitor (301) 415-8553
	Penelope Kinney, Project Officer (301) 415-7805
Contractual Matters:	Joyce Fields, Contracting Officer (301) 415-6564

The issuance of this task order does not amend any terms or conditions of the subject contract.

Please indicate your acceptance of this task order by having an official, authorized to bind your organization, execute three (3) copies of this document in the space provided below and return two (2) copies to the U.S. Nuclear Regulatory Commission, ATTN: Ms. Joyce Fields, Division of Contracts and Property Management, T-7I2, ADM/DCPM/CMB2, Washington, D.C. 20555. You should retain the third copy for your records.

Sincerely,

Joyce A. Fields, Contracting Officer
Contract Management Branch No. 2
Division of Contracts and Property Management

Enclosure:
As stated

ACCEPTED:

NAME

Director of Contracts

TITLE

May 24, 2002

DATE

STATEMENT OF WORK

PROJECT TITLE:	Revision of NUREG-1536
JOB CODE NUMBER:	J5281
TASK ORDER NO.:	14
B&R NUMBER:	25015308270
NRC ISSUING OFFICE:	Office of Nuclear Material Safety and Safeguards (NMSS)
NRC TECHNICAL PROJECT MANAGER (TPM):	Kirke Lathrop, SFPO, 301-415-8553
NRC TECHNICAL ASSISTANCE PROJECT MANAGER (TAPM):	Penelope Kinney, PMDA, 301-415-7805
FEE RECOVERABLE:	No

1. BACKGROUND

The standard review plan (SRP) for dry cask storage systems (DCSSs), NUREG-1536, "Standard Review Plan for Dry Cask Storage Systems," January, 1997, provides guidance to the Nuclear Regulatory Commission (NRC) staff in the Spent Fuel Project Office (SFPO) for performing safety reviews of DCSSs. The SRP is intended to ensure the quality and uniformity of the staff reviews, present a basis for the review's scope, and clarify regulatory requirements.

10 CFR Part 72, Subpart B, generally specifies the information needed in a license application for the independent storage of spent nuclear fuel and high level radioactive waste. Regulatory Guide 3.61, "Standard Format and Content for a Topical Safety Analysis Report for a Spent Fuel Dry Storage Cask," contains an outline of the specific information required by the staff. The SRP is divided into 18 sections which reflect the standard application format. It is modified based on previous staff experience with license applications and includes discussions of regulatory requirements, staff positions, industry codes and standards, acceptance criteria, and other DCSS information.

To address emerging issues, SFPO staff has found it necessary to augment the SRP with interim guidance. 17 interim staff guidance (ISG) memoranda have been issued by the SFPO Director and several more are currently being drafted. Since the staff uses the ISGs in conjunction with the SRP to perform their reviews of DCSSs, a document which consolidates ISG and the DCSS SRP guidance is needed to ensure a license application's thorough and consistent review by NRC staff.

2. OBJECTIVE

The objective of this task order is to obtain assistance with the revision of NUREG-1536, including the incorporation of the applicable ISGs, the removal of any resulting redundant information, and other technical changes desired by the staff.

3. TECHNICAL AND OTHER SPECIAL QUALIFICATIONS REQUIRED

The personnel performing this work must be experienced in technical writing and be knowledgeable in the following technical disciplines:

Environmental Engineering/Health Physics
Civil/Structural Engineering
Mechanical Engineering
Nuclear Engineering
Nuclear Plant Operations (with experience in fuel handling)

Familiarity with NRC regulations, in particular 10 CFR Parts 71 and 72, is also required.

4. LEVEL OF EFFORT

The estimated level of effort (LOE) required to complete this task is 1.0 staff-year.

5. PERIOD OF PERFORMANCE

The period of performance shall commence with the award of the task order and shall expire not later than May 31, 2003.

6. SCOPE OF WORK

The contractor shall update NUREG-1536 after reviewing and becoming familiar with the current versions of NUREGs-1536 and 1567, ISGs, and other policy/guidance documents concerning DCSSs. Once the review has been completed, the contractor shall revise NUREG-1536 in accordance with the following requirements, remove any redundant information, and submit initial drafts and final drafts to the NRC TPM.

The contractor shall ensure that NUREG-1536 is reformatted consistent with NUREG-1567, "Standard Review Plan for Spent Fuel Dry Storage Facilities," dated March, 2000. This includes chapter organization and the use of overviews and tables illustrating regulatory applicability. References are to be updated, as necessary.

Since the focus of NUREG-1567 is spent fuel dry storage facilities, the contractor shall include only applicable information from the chapters in NUREG-1567 that cover dry cask storage systems.

The lessons learned from previous NRC safety evaluations, application reviews, staff-requested technical changes, and updated SFPO policy guidance shall be incorporated during the revision.

All applicable ISGs shall be incorporated. Only the more recent ISGs have been formatted similar to NUREG-1567. Since many ISGs are not specific as to what information goes where in the SRP, or describe the necessary level of detail, the contractor shall confer directly with the NRC TPM and the various authors of the ISGs to ensure the appropriate integration of the ISG material into the SRP.

7. MEETINGS AND TRAVEL

Throughout the duration of this task, it is expected that there will be bi-weekly status meetings between ATL and the NRC TPM. Whenever possible, these meetings will be conducted by telephone. At the NRC TPM's discretion, meetings will also be held at NRC headquarters in Rockville, MD, betweer the staff and ATL, to plan, coordinate, resolve issues, and to discuss the progress and status of the work.

8. NRC-FURNISHED MATERIALS

The NRC TPM and/or SFPO staff will provide the contractor with paper and/or electronic copies of the following:

NUREG-1536;
NUREG-1567;
Regulatory Guide 3.61;
All current ISGs;
Appropriate SFPO policy documents and guidance procedures;
Other documentation, as identified during the revision process, or as requested by the contractor; and
Staff-requested technical changes.

9. DELIVERABLES/SCHEDULE

The required deliverables shall be prepared in WordPerfect 8.0 format and submitted (one hard copy and disk) to the NRC TPM in accordance with the anticipated schedule provided below.

Complete Documentation familiarization:	Within two weeks of delivery of materials by the NRC TPM.
NUREG-1536 initial draft :	One chapter every two weeks. As chapter complexity varies, some chapters will require more time, others less. Hence, the two-week delivery time is an average.
NUREG-1536 initial draft review:	Approximately two week duration per chapter by SFPO staff.
NUREG-1536 final draft:	Each chapter - one week for comment disposition and incorporation.
NUREG-1536 final draft review:	Approximately one week duration per chapter by SFPO staff.

ATL shall submit complete final draft (all chapters) within two weeks after SFPO's completion of its review of the final draft.

The NRC TPM will facilitate the review by NRC staff of the initial and final drafts of the revision to NUREG-1536. All work products must be transmitted to, and determined acceptable by, the NRC TPM.

10. FINANCIAL AND TECHNICAL STATUS REPORTS

The contractor shall submit a monthly technical report in accordance with Section F.3 - Technical Progress Report and a monthly Financial Status Report in accordance with Section F.4 - Financial Status Report in the basic contract with distribution to the: (1) NMSS TAPM, (2) NMSS/SFPO TPM (2 copies), (3) NMSS/SFPO Program Coordinator, and (4) Contracting Officer.

11. TECHNICAL DIRECTION

Penny Kinney is the NRC TAPM and is the point of contact for all contract-related activities. All work assignments and program funding actions are initiated by the NRC TAPM, who submits all requests to the Division of Contracts and Property Management for processing. All proposed work scope or schedule changes must be processed through the NRC TAPM.

Kirke Lathrop is the NRC TPM and is responsible for providing and/or coordinating any requested technical guidance for the contractor with respect to NRC staff interpretations of the technical aspects of regulatory requirements. All technical directions given to the contractor must be consistent with the work scope and schedule. The NRC TPM is not authorized to unilaterally make changes to the approved work scope or schedule, or to give the contractor any direction that would increase costs over approved levels. The Contracting Officer is the only individual authorized to make changes to this task.