



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

AUG 13 2001

Information Systems Laboratories, Inc.
ATTN: Mr. James F. Meyer
Vice President
11140 Rockville Pike, Suite 500
Rockville, MD 20852

Subject: TASK ORDER NO. 1, ENTITLED, "REGULATORY EFFECTIVENESS REVIEW
OF USI: A-45" UNDER CONTRACT NO. NRC-04-01-067

In accordance with the Section G.4, Task Order Procedures, of the subject contract, this letter definitizes Task Order No. 1. This effort shall be performed in accordance with the enclosed Statement of Work.

Task Order No. 1 shall be in effect from August 13, 2001 through December 31, 2001, with a cost ceiling of \$94,770.00. The amount of \$88,158.00 represents the total estimated reimbursable costs, and the amount of \$6,612.00 represents the fixed fee.

Accounting data for this Task Order is as follows:

B&R No.: 16015110110
Job Code: Y6406
BOC Code: 252A
APPN No.: 31X0200.160
OBLIGATED AMOUNT: \$94,770.00 (This amount is obligated under the basic contract.)

The following individual(s) are considered to be essential to the successful performance of the work hereunder:

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.

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

Your contacts during the course of this task are:

Technical Matters: Dr. Sidney Feld
Project Officer
(301) 415-6193

Contractual Matters: Anita Hughes
Contract Specialist
(301) 415-6526

Please indicate your acceptance of this task order by having an official who is authorized to bind your organization, execute three copies of this document in the spaces provided below and return two copies to the Contract Specialist. You should retain the third copy for your records. If you have any questions regarding the subject modification, please contact Anita Hughes, Contract Specialist on (301) 415-6526.

Sincerely,



Mary H. Mace, Contracting Officer
Contract Management Branch No. 1
Division of Contracts and Property Management
Office of Administration

Enclosure: As stated

ACCEPTED:

NAME

TITLE

DATE


V. P.
8/13/01

STATEMENT OF WORK
Task Order No. 01 Under Job Code Y6406
Contract No. NRC-04-01-067

TITLE: REGULATORY EFFECTIVENESS REVIEW OF USI: A-45

Project Manager: Sidney Feld, RES - (301)-415-6193
Technical Monitor: N. Prasad Kadambi, RES - (301) 415-5896
Designated Alternate: George F. Lanik, RES - (301) 415-7490

Background :

The Division of Systems Analysis and Regulatory Effectiveness (DSARE), Office of Nuclear Regulatory Research (RES) is responsible for RES's program to Assess and Improve Regulatory Effectiveness. This program includes the following three activities: (1) perform regulatory effectiveness reviews; (2) support the development and implementation of high-level performance-based guidelines; and (3) develop the technical basis and identify opportunities to reduce unnecessary regulatory burden.

To date, relying on an NRC developed model, the staff has assessed the regulatory effectiveness of the Station Blackout and ATWS rules. These assessments have been peer reviewed by experts internal and external to the NRC and, on the basis of these reviews, the model has been deemed a successful tool in assessing regulatory effectiveness.

Objective :

The objective of Task Order No. 1 is to provide technical assistance to support DSARE in the performance of a regulatory effectiveness review of the current resolution of the Generic Safety Issue USI: A-45 entitled "Decay Heat Removal", as part of RES' program to assess and improve regulatory effectiveness.

Work Requirements :

The Contractor shall perform a regulatory effectiveness review of licensees' actions to resolve safety issues regarding USI-A45, Decay Heat Removal, and report the findings. The model to be used in this review involve a detailed comparison between the specific expectations the NRC had articulated while developing the process to address this issue, and the outcomes actually committed to in the individual plant evaluations (IPEs) as a result of IPE insights. In addition, to the extent practicable, NRC expectations will also be contrasted to significant operational experience related to decay heat removal.

The comparison of expectations and commitments/outcomes shall be developed on a consistent basis. The cognizant NRC staff shall be promptly apprized if technically difficult challenges arise that will have a significant impact on the likelihood of not producing useful assessments on regulatory effectiveness.

The Contractor shall review pertinent information from the Generic Safety Issue program and other generic activities to develop the information needed to document the NRC's expectations regarding resolution of USI: A-45. Also, the Contractor shall review individual IPE reports, IPE Insights Report, and previous contractor reports prepared in support of resolution of this issue in order to draw conclusions regarding outcomes of efforts to resolve the technical concerns of USI: A-45.

Period of Performance :

Task Order No. 1 shall commence on August 13, 2001 and expire on December 31, 2001.

Schedule of Deliverables :

<u>Task</u>	<u>Completion Date</u>
1. Report on NRC expectations for resolution of USI: A-45.	September 30, 2001
2. Report on IPE insights regarding plant risks due to USI: A-45 issues.	October 31, 2001
3. Draft report on effectiveness review	November 30, 2001
4. Final report on effectiveness review	December 31, 2001

Meetings :

It is anticipated that only local travel will be required. For planning purposes, it is estimated that a half-day progress meeting between the NRC and the contractor will occur each month during the task order's period of performance..

NRC Furnished Materials/Equipment :

The NRC will furnish the contractor with internet addresses of relevant documents to perform the required work. If the relevant documents are not available on the internet, the NRC will provide copies of those documents to the contractor.

Financial and Technical Status Reports :

The Contractor shall submit a monthly technical report in accordance with Section F.3 - Monthly Technical Letter Report and a monthly financial status report in accordance with Section F.4 - Financial Status Report of the basic contract. These reports are due within 15 calendar days after the end of the report period.