



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

APR 25 2002

Information Systems Laboratories, Inc.  
Attn: James F. Meyer  
11140 Rockville Pike  
Suite 500  
Rockville, MD 20852

SUBJECT: TASK ORDER NO. 022, "TECHNICAL ASSISTANCE FOR RISK-INFORMED LICENSING ACTIONS" UNDER CONTRACT NO. NRC-03-00-003

Dear Dr. Meyer:

In accordance with Section G.4, Task Order Procedures, of the subject contract, this letter definitizes the subject task order. The effort shall be performed in accordance with the enclosed Statement of Work.

Task Order No. 022 shall be in effect from April 25, 2002, through April 24, 2003, with a cost ceiling of \$38,057.00. The amount of \$35,242.00 represents the estimated reimbursable costs and the amount of \$2,815.00 represents the fixed fee.

Accounting data for Task Order No. 022 is as follows:

B&R No.:	220-15-101-102
Job Code:	J-2953
BOC:	252A
APPN No.:	31X0200.220
FFS#:	NRR0000322
Oblig. Amt.:	\$38,057.00

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

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

TEMPLATE-ADM001

ADM02

Your contacts during the course of this task order are:

Technical Matters:           Lawrence Ruth  
Project Officer  
(301) 415-1211

Contractual Matters:       Mona Selden  
Contract Specialist  
(301) 415-7907

Acceptance of Task Order No. 022 should be made by having an official, authorized to bind your organization, execute three copies of this document in the space provided and return two copies to the Contract Specialist. You should retain the third copy for your records.

Sincerely,

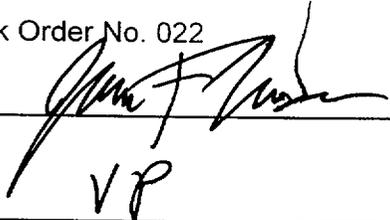


Sharon D. Stewart, Contracting Officer  
Contract Management Branch 2  
Division of Contracts and Property Management  
Office of Administration

Enclosure: Statement of Work

ACCEPTED: Task Order No. 022

NAME



TITLE

VP

DATE

9/26/02

## Statement of Work

### Task Order 22 Under JCN J-2953

Title: Technical Assistance for Risk-Informed Licensing Actions

NRC PROJECT MANAGER: LAWRENCE RUTH (415-1211)

NRC TECHNICAL MONITOR: STEPHEN DINSMORE (415-8482)

TAC No.: TBA

NRC PRIORITY RANKING: 1

### BACKGROUND

Licensees are required to perform inservice inspection (ISI) of ASME Code, Section XI, Class 1, 2 and 3 piping during successive 120 month (ten-year) intervals to comply with the edition and addenda of the Code as required in 10 CFR 50.55a. The Code of Federal Regulations allows the Director of the Office of Nuclear Reactor Regulation to grant relief from the requirements in 10 CFR 50.55a if the proposed alternative would provide an acceptable level of quality and safety. Proposed alternatives to the Code examination requirements must be reviewed and approved by the NRC staff before the licensee can incorporate those alternatives in its ISI program.

The staff has approved the methodology in the Electric Power Research Institute (EPRI) Topical Report EPRI TR-112657, Rev. B-A as an acceptable alternative for selecting the number and the location of examinations. Licensees submit template relief requests with a standardized format and information content. The staff has also developed standardized safety evaluations (SEs) summarizing the staff's review and findings.

These relief requests contain overview information summarizing the analysis, the analysis results, the resolution of any weakness or deficiencies identified by the staff in previous reviews of the individual plant examinations, and any deviations from the EPRI methodology used by the licensee in the relief request. There are a number of differences between the EPRI methodology and the methodologies that the staff has approved in previous relief requests. These approved differences are described in the staff's safety evaluation report approving individual relief requests.

Licensees submit relief request with the expectation that the request, if acceptable, will be approved within several months. Occasionally, licensees may encounter difficulty during their next refueling outage if there is an unanticipated delay in the review. An excessive number of submittals within a short period of time can overburden internal staff resources and result in unanticipated delays.

### OBJECTIVE

The Limerick Units 1 and 2, Point Beach Units 1 and 2, and Susquehanna Units 1 and 2 have all indicated that they will submit relief requests before the end of March 2002. The objective of this task is to obtain technical assistance to assist the staff in determining that the information contained in the submittals is sufficient to support the summary and findings in the SE.

Deviations found acceptable in past submittals are generally acceptable unless the integrated evaluation would negate the basis of the previous acceptance. The Contractor should also develop a general understanding of the methodology and be able to review the evaluation for internal consistency and general consistency with the EPRI methodology. The results of the review should be a draft safety evaluation report that accurately reflects the PRA aspects of the review in a red-line strike-out version of a standardized SE that will be supplied by the staff.

### TECHNICAL AND OTHER SPECIAL QUALIFICATIONS REQUIRED

This task order requires specialists with expertise in the review and assessment of probabilistic risk assessment (PRA) applications, in particular, that associated with making the most effective use of quantitative and qualitative results for SSC categorization. The EPRI Topical Report, the staff's SE of the topical report, all the previous submittals, and the SE's on all the submittals will be made available to the Contractor personnel through the ADAMS document system. The specialist should be sufficiently familiar with PRA techniques to be able to gain a good understanding of the method and the required submittal contents with minimal training. The staff will be available for training and explanations of some of the more complex issues as needed during the first several reviews.

It is the responsibility of the Contractor to assign technical staff, employees, subcontractors, or specialists who have the required educational background, experience, or combination thereof to meet both the technical and regulatory objectives of the work specified in this SOW. The NRC will rely on representations made by the Contractor concerning the qualifications of the personnel assigned to this task order including assurance that all information contained in the technical and cost proposal, including resumes, is accurate and truthful.

### WORK REQUIREMENTS AND SCHEDULE

#### Tasks

1. The first task is to review the first submittal and through this review become familiar with the EPRI methodology, the required information content of the SE, and the form and content of the template submittals. Request for Information (RAIs), if needed, should be developed within three weeks of receipt of the submittal by the Contractor. A final draft SE should be completed within three weeks of receipt of RAI responses, if applicable, or within seven weeks after receipt of the submittal if RAIs are not necessary.
2. The second task is to review the second submittal. Request for Information (RAIs), if needed, should be developed within three weeks of receipt of the submittal by the Contractor. A final draft SE should be completed within three weeks of receipt of RAI responses, if applicable, or within seven weeks after receipt of the submittal if RAIs are not necessary.
3. The third task is to review the third submittal. Request for Information (RAIs), if needed, should be developed within three weeks of receipt of the submittal by the Contractor. A final draft SE should be completed within three weeks of receipt of RAI responses, if applicable, or within seven weeks after receipt of the submittal if RAIs are not necessary.

## PERIOD OF PERFORMANCE

The period of performance is April 25, 2002, through April 24, 2003.

## DELIVERABLES

### Technical Reporting Requirements

1. At the completion of Tasks 1, submit a red-line/strike-out version of the standardized SE with the PRA related sections updated to reflect the analyses done in the submittal.
2. At the completion of Tasks 2, submit a red-line/strike-out version of the standardized SE with the PRA related sections updated to reflect the analyses done in the submittal.
3. At the completion of Tasks 3, submit a red-line/strike-out version of the standardized SE with the PRA related sections updated to reflect the analyses done in the submittal.

## MEETINGS AND TRAVEL

There should be frequent meetings between the NRC staff and the Contractor during the first several reviews to aid in the training of the Contractor reviewers. Subsequent to these training meetings, meetings will be held as needed and appropriate. Because of the near proximity of the Contractor and NRC offices, no travel funds are required. No other travel is required.

## NRC FURNISHED MATERIALS

The licensees' submittals, related submittals, related RI-ISI SEs, IPE staff evaluation reports, RAI responses and other relevant documentation are to be provided to the Principal Investigator as soon as practicable after the submittal is docketed. Other relevant information will be supplied, if required, as soon as it becomes available.

## OTHER APPLICABLE INFORMATION

### License Fee Recovery

The work specified in this SOW is license fee recoverable.