

PDR



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

FEB 07 2000

Beckman and Associates, Inc.  
Attn: Vicki Beckman  
1071 State Route 136  
Belle Vernon, PA 15012

SUBJECT: TASK ORDER NO. 055, "WATERFORD ENGINEERING AND TECHNICAL SUPPORT FOLLOW-UP INSPECTION (E&TS)" UNDER CONTRACT NO. NRC-03-98-021

Dear Ms. Beckman:

In accordance with Section G.5, 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. 055 shall be in effect from February 19, 2000, through March 17, 2000, with a total cost ceiling of \$23,573.99. The amount of \$22,831.95 represents the estimated reimbursable costs and the amount of \$742.04 represents the fixed fee.

Accounting data for Task Order No. 055 is as follows:

B&R No.:	020-15-103-105
Job Code:	J-2548
BOC:	252A
APPN No.:	31X0200.020
FFS#:	NRR98021055
Oblig. Amt.:	\$23,573.99

The following individual is considered to be essential to the successful performance of work hereunder: Mr. Donald Prevatte. The Contractor agrees that such personnel shall not be removed from the effort under the task order without compliance with Contract Clause H.4, Key Personnel.

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

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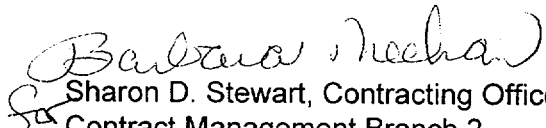
Your contacts during the course of this task order are:

Technical Matters: Edmund Kleeh  
Project Officer  
(301) 415-2964

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

Acceptance of Task Order No. 055 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. 055

  
NAME

  
TITLE

2-10-00  
DATE

CONTRACT NRC-03-98-021

STATEMENT OF WORK

Task Order 055

TITLE: Waterford E&TS Follow-up Inspection

DOCKET NUMBER: 50-382 B&R NUMBER: 020-15-103-105 JOB CODE: J-2548  
INSPECTION REPORT NUMBER:

NRC PROJECT OFFICER: E. A. Kleeh, NRR (301) 415-2964  
TECHNICAL MONITOR: Chuck Paulk RIV (817) 860-8236

PERFORMANCE PERIOD: February 19, 2000 - March 17, 2000

BACKGROUND

An Engineering & Technical Support Follow-up Inspection (E&TS) will be conducted for Waterford nuclear plant near Taft, LA. The inspection will be primarily be concerned with evaluating the status of previously identified inspection follow-up items and then closing out the ones which have been resolved with the licensee. The inspection will be performed in accordance with NRC Inspection Procedures 37550 "Engineering", 37700 "Design Changes and Modifications", 92903 "Followup - Engineering", and any other inspection procedures deemed applicable by Technical Monitor.

OBJECTIVE

The objective of this task order is to obtain a technical expert (specialist) to assist the NRC inspection team in the performance of this E&TS followup inspection. He should primarily have a mechanical-system design background with some emphasis on hydraulic concerns of water in closed and open piping systems in nuclear plants, such as from a architect-engineering firm with experience in system operational requirements. He should also be familiar with installation and surveillance testing of equipment along with cognizance of the functions of site organizations - engineering and operations. The specialist should be intimate with NRC regulations, inspection methodology, and the overall regulatory process. He should be able to develop a list of licensee regulatory commitments from docketed correspondence for the subject areas of the inspection, and he shall be capable of verifying the implementation of those same licensee commitments.

It shall be the responsibility of the contractor to assign technical staff, employees, and subcontractors, who have the required combination of educational background and experience to meet both the technical and regulatory objectives of the work specified in this Statement Of Work (SOW). The NRC will rely on representation made by the contractor concerning the qualifications of the personnel proposed for assignment to this task order including assurance that all information contained in the technical and cost proposals, including resumes and conflict of interest disclosures, is accurate and truthful.

WORK REQUIREMENTS AND SCHEDULE

The contractor shall provide the qualified specialist, and the necessary facilities, materials, and services to assist the NRC staff in preparing for, conducting, and documenting the inspection activities and findings. **The contractor shall provide to the NRC Project Officer, at the same time as his proposal submittal, the latest site-access training and psychological evaluation test dates for the specialist. A current resume for the specialist shall be sent to the respective NRC Project Officer and Contract Specialist.** The Technical Monitor for this task is Chuck Paulk. The Technical Monitor may issue technical instructions from time to time during the duration of this task order. Technical instructions must be within the general statement of work stated in this task order and shall not constitute new assignments of work or changes of such nature as to justify an adjustment in cost or period of performance. The contractor shall refer to the basic contract for further information and guidance on any technical directions issued under this task order.

Any modifications to the scope of work, cost or period of performance of this task order must be issued by the Contracting Officer and will be coordinated with the NRR Project Officer. Specific tasks under this task order are:

<u>Task</u>	<u>Schedule Completion</u>
1. Attend a meeting between licensee and NRC to understand scope of inspection and some of the history of the followup items identified on previous NRC inspections. Level of participation in meeting will be dictated by Technical Monitor.	1. The meeting will be in regional headquarters in Arlington, Texas on or about February 22, 2000. The meeting is a prerequisite for actual preparation for inspection.
2. Prepare for the inspection. <ul style="list-style-type: none"> <li>a. Review the followup items previously identified to the licensee.</li> <li>b. Request copies of licensee's completed or proposed corrective actions for all followup items within the scope of this inspection including those for any additional problems/concerns identified by licensee in determining true scope of conditions.</li> </ul>	2. Preparation for the inspection will take place in regional headquarters in Arlington, Texas on or about February 22 - 25, 2000.
3. Perform the inspection <ul style="list-style-type: none"> <li>a. Make queries to the licensee on performance/design issues stated in followup items consistent with the intent of the inspection.</li> </ul>	3. On-site inspection is to take place at Waterford site on or about February 28 - March 3, 2000.

b. Evaluate thoroughly licensee corrective actions for performance and design issues outlined in the followup items with the focus on those with the most safety significance.

1.) Effectiveness of corrective actions.

2.) Adequacy of root-cause analyses with emphasis on extent of conditions.

3.) Determine if licensee's analyses have effectively identified and addressed all similar issues.

4.) Has licensee performed functional tests where corrective actions involved hardware changes or additions.

5.) Refer to IP 92903 for additional insights.

c. Respond in a timely manner to licensee's responses to queries made in 2.a.

d. Identify and develop findings as appropriate in accordance with the intent of IP 92903.

4. Prepare the inspection report.

a. Follow the guidelines of NRC INSPECTION MANUAL, Manual Chapter 0610, "Inspection Reports." unless otherwise directed by Technical Monitor.

b. Feeder report should discuss inspection activities, be concise, and focus on safety significant findings based on facts and regulatory requirements.

4. Documentation of the inspection will take place on or about March 6 - 10, 2000 in the contractor's home office. Final feeder report is due on or about March 13, 2000.

NOTE: Prior to the start of on-site preparation, the contractor's staff is required to be available to coordinate inspection aspects, such as travel logistics, with the Team Leader.

## REPORT REQUIREMENTS

### Technical Report

At the completion of Task 2, the contractor's specialist shall provide an inspection plan to the NRC Team Leader. The format and scope of this input shall be as directed by the NRC Team Leader. During Task 3, the contractor's specialist shall provide daily reports to the NRC Team Leader. The format and scope of this report shall be as directed by the NRC Team Leader.

At the completion of Task 3 (prior to the inspection team's exit meeting with the licensee), the contractor's specialist shall provide a draft inspection report input to the NRC Team Leader. The format and scope shall be as directed by the NRC Team Leader. Typically, this input will consist of a handwritten summary of the specialist's inspection findings.

At the completion of Task 4 (after the inspection team's exit meeting with the licensee), the contractor shall deliver the final inspection report input (feeder report) to the NRC Team Leader (original and one copy) with one hard copy and one computer diskette version (WordPerfect 6.1 or other IBM PC compatible software acceptable to the NRC Team Leader) to the NRC Team Leader. The format and scope of the final report inputs shall be in accordance with the guidance in NRC Inspection Manual Chapter 0610 or as directed by the NRC Team Leader.

A specialist's feeder report will serve as documentation of the specialist's inspection activities, effort, evaluation and final resolution of followup items, and will be used by the NRC Team Leader for the preparation of the NRC's inspection report. The form and scope of the final report input shall be in accordance with the guidance in NRC Inspection Manual Chapter 0610 or as directed by the NRC Team Leader. As a minimum, each specialist's report input shall include the following:

- Identity of the individuals (name, company, and title) that provided information to the specialist during the inspection.
- For each area inspected, a description of the activities including general evaluations and conclusions on the resolutions of inspection followup items.

NOTE: The contractor shall not undertake any further efforts toward report finalization; i.e. final review of the feeder report by other than NRC Team Leader and Project Manager is not needed.

#### Business Letter Report

The contractor shall provide monthly progress reports in accordance with the requirements of the basic contract.

#### MEETINGS AND TRAVEL

For estimating purposes, the following meetings and travel are anticipated:

One, one-person, 5-day trip to the Regional headquarters in Arlington, Texas to prepare for the inspection on or about February 22 - 25, 2000.

One, one-person, 5-day trip to the Waterford site to conduct the inspection on or about February 28 - March 3, 2000.

The contractor's staff shall coordinate all travel arrangements in advance with the NRC Team Leader.

NRC FURNISHED MATERIAL

Documents required to prepare for the inspection will be provided by the NRC Team Leader.

OTHER APPLICABLE INFORMATION

The work specified in this SOW is 100% licensee fee recoverable. The contractor shall provide fee recovery information in the monthly progress reports in accordance with the requirements of the basic contract.

The contractor's specialist assigned to this task order will have to be badged for unescorted access privilege at the plant site. The contractor shall provide all documentation required for badging (as identified by the NRC Team Leader) at the plant site. Questions concerning badging and the plant site access shall be addressed to the NRC Technical Monitor.