



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

September 3, 2002

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

SUBJECT: MODIFICATION NO. 2 TO TASK ORDER NO. 117, UNDER CONTRACT NO
NRC-03-98-021

Dear Ms. Beckman:

The purpose of this modification is to: (1) revise the schedule for the Davis Besse Extent of Condition Inspection; (2) add Task B, Davis Besse Root Cause Analysis Inspection, thereby increasing the task order ceiling amount by \$34,713.10 from \$22,639.05 to \$57,352.15; (3) increase the amount of funds obligated under this task order by \$35,000.00 from \$20,000.00 to \$55,000.00; and (4) add William Corcoran as one of the Key Personnel. Accordingly, the task order is hereby modified as follows:

"Task Order No. 117 shall be in effect from July 22, 2002, through October 31, 2002, with a cost ceiling of \$57,352.15. The amount of \$55,546.88 represents the estimated reimbursable costs and the amount of \$1,805.27 represents the fixed fee. Funds in the amount of \$35,000.00, are obligated by this modification. Total funds obligated under this task order are \$55,000.00. In addition to [REDACTED] is considered to be essential to the successful performance of work under this task order. The Contractor agrees that such personnel shall not be removed from the effort without compliance with Contract Clause H.4, Key Personnel."

Accounting data for Modification No 2 to Task Order No. 117 is as follows:

B&R No.:	220-15-103-142
Job Code:	J-2548
BOC:	252A
APPN No.:	31X0200.220
FFS#:	NRR98021117(I)
Oblig. Amt.:	\$35,000.00

Incremental funds in the amount of \$35,000.00 are being obligated under this task order. 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.

TEMPLATE-ADM001

ADM02

All other terms and conditions of this task order and the contract remain the same.

Acceptance of Modification No. 2 to Task Order No. 117 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.

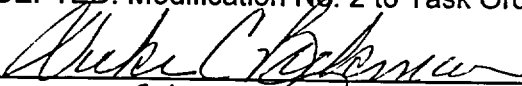
Should you have any questions, please contact Mona Selden, Contract Specialist, on (301) 415-7907.

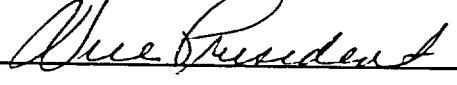
Sincerely,



Sharon D. Stewart, Contracting Officer
Contract Management Center 1
Division of Contracts
Office of Administration

ACCEPTED: Modification No. 2 to Task Order No. 117



NAME


TITLE
9-11-02

DATE

CONTRACT NRC-03-98-021

STATEMENT OF WORK
Task Order No. 117, Modification No. 2

Modification No. 2 revises the "Schedule" for the Davis Besse Extent of Condition Inspection and adds Task B, Davis Besse Root Cause Analysis Inspection.

Under the original Statement of Work, the Section entitled "Work Requirements and Schedule" is deleted entirely and replaced with the following:

WORK REQUIREMENTS AND SCHEDULE

It shall be the responsibility of the contractor to assign qualified technical staff, employees, and subcontractors, who have the required educational background, experience, or combination thereof, 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.

The Team Leader may issue technical direction from time to time during the duration of this task order. Technical direction 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 Project Officer. Specific tasks under this task order are:

1. Prepare for the inspection on, or about, July 22-26, 2002 at the Site.
 - a. Obtain a thorough understanding of the inspection areas by review of licensee provided documentation.
 - b. Develop a list of questions or areas of concern.
2. Perform on-site inspection on, or about, September 23-27, 2002.
 - a. Perform the inspection in accordance with the inspection plan.
 - b. Discuss potential findings with the Team Leader.
3. Document the inspection on, or about, September 30-October 4, 2002 at the contractors office. Final inspection report input is due on, or about, October 7, 2002.

- a. Follow the guidelines of NRC Inspection Manual Chapter 0612, "Power Reactor Inspection Reports", as directed by Team Leader.
- b. The 40 hours for documentation is a maximum, dependent on the risk significance of findings. The actual hours could be less, at the discretion of the Team Leader.

TASK B

TITLE: Davis Besse Root Cause Analysis Inspection

DOCKET NUMBER: 50-346

B&R NUMBER: 220-15-103-142

JOB CODE: J-2548

NRC PROJECT OFFICER: D.P. Norkin, NRR (301) 415-2954

TEAM LEADER: G.C. Wright, Region III (630)-829-9602

START DATE FOR TASK B: 09/04/02

BACKGROUND

NRC is performing inspections at Davis Besse nuclear plant, near Toledo, OH. The inspections address licensee activities to evaluate the condition of the reactor coolant pressure boundary and the effects of reactor coolant system leakage on components and systems inside containment. Licensee activities include root cause analysis.

OBJECTIVE

The objective of this task order is to obtain expert technical assistance in the area of root cause analysis to assess the adequacy of licensee root cause analyses. The specialist shall have experience in performing the following:

- 1) Management Oversight & Risk Tree (MORT) fault tree analysis
- 2) hazards barrier task analysis
- 3) change analysis
- 4) event and causal factor analysis

WORK REQUIREMENTS AND SCHEDULE

It shall be the responsibility of the contractor to assign qualified technical staff, employees, and subcontractors, who have the required educational background, experience, or combination thereof, 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.

The Team Leader may issue technical direction from time to time during the duration of this task order. Technical direction 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 Project Officer. Specific tasks under this task order are:

1. Prepare for the inspection on, or about, September 4-6, 2002 (3 days) in the contractor's office.
 - c. Obtain a thorough understanding of the inspection areas by review of licensee provided documentation.
 - d. Develop a list of questions or areas of concern.
2. Perform and document the inspection on, or about, September 9-13, 2002 and September 30-October 4, 2002 at the plant site.
 - a. Perform the inspection in accordance with the inspection plan.
 - b. Discuss potential findings with the Team Leader.
 - c. Follow the guidelines of NRC Inspection Manual Chapter 0612, "Power Reactor Inspection Reports", as directed by Team Leader.

REPORT REQUIREMENTS

During Task 1, the contractor shall provide an inspection plan and inspection related documentation, as directed by the Team Leader.

At the end of Task 2, a feeder to the final inspection report shall be provided to the Team Leader in an electronic format acceptable to the Team Leader. A hard copy shall be provided to the Project Officer. The contractor shall not undertake any further efforts toward report finalization, such as management review of the feeder report.

TRAVEL (for estimating purposes only)

Two 5 day trips to the plant site.

The contractor 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.