



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

AUG 15 2003

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

SUBJECT: TASK ORDER NO. 018 "BRAIDWOOD SAFETY SYSTEM DESIGN AND
PERFORMANCE CAPABILITY/ MODIFICATION/50.59 INSPECTION" UNDER
CONTRACT NO. NRC-03-03-037

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. 018 shall be in effect from August 15, 2003, through October 1, 2003, with a
cost ceiling of \$62,129.43. The amount of \$60,356.30 represents the estimated reimbursable
costs, and the amount of \$1,773.13 represents the fixed fee.

Accounting data for Task Order No. 018 is as follows:

| | |
|--------------|----------------|
| B&R No.: | 320-15-103-142 |
| Job Code: | J-3020 |
| BOC: | 252A |
| APPN No.: | 31X0200.320 |
| FFS#: | NRR03037018 |
| Oblig. Amt.: | \$62,129.43 |

The following individuals are considered to be essential to the successful performance for 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.4, Key Personnel.

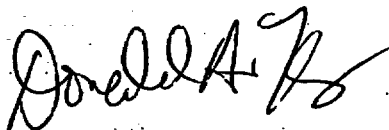
The issuance of this task order does not amend any terms or conditions of the subject contract.

Your contacts during the course of this task order are:

| | |
|----------------------|---|
| Technical Matters: | Donald P. Norkin Project Officer (301) 415-2954 |
| Contractual Matters: | Mona C. Selden Contract Specialist (301) 415-7907 |

Acceptance of Task Order No. 018 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,



Donald A. King, Contracting Officer
Contract Management Center 1
Division of Contracts
Office of Administration

Enclosure: Statement of Work

ACCEPTED: Task Order No. 018



NAME

CEO

TITLE

875-03

DATE

CONTRACT NRC-03-03-037

STATEMENT OF WORK
Task Order No. 018

TITLE: Braidwood Safety System Design and Performance Capability (SSDPC) / Modification/
50.59 Inspection

INSPECTION REPORT NUMBER: 50-456/2003-07; 50-457/2003-07

B&R NUMBER: 320-15-103-142

JOB CODE: J-3020

NRC PROJECT OFFICER: Donald Norkin, NRR, (301) 415-2954

TEAM LEADER: Andrew Dunlop, Region III (630) 829-9726

PERIOD OF PERFORMANCE: 08/15/03 - 10/01/03

BACKGROUND

In accordance with the Baseline Inspection portion of the NRC Reactor Oversight Process, an SSDPC/ Modification/ 50.59 inspection will be conducted for the Braidwood nuclear plant, near Joliet, IL. The following inspection procedures will be used and provided by the Team Leader:

- 71111.21, "Safety System Design and Performance Capability"
- 71111.02, "Evaluation of Changes, Tests, or Experiments"
- 71111.17, "Permanent Plant Modifications"

OBJECTIVE

The objective of this task order is to obtain expert technical assistance to assist the NRC inspection team in the performance of the inspection. The specialist shall have a design background (such as from an architect-engineer firm) and experience/knowledge regarding:

- (1) design, analysis, installation, modification, and testing of nuclear plant systems.
- (2) reviewing design basis and detailed design of nuclear plant safety systems;
- (3) NRC regulations and risk informed inspection methodology.

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. Inspection preparation on, or about, August 18-22, 2003 at the Region office.
 - a. Obtain a thorough understanding of the selected system(s) by review of licensee provided documentation.
 - b. Develop a list of questions or areas of concern.
 - c. Develop a risk informed inspection plan.
2. On-site inspection on, or about, August 25-29, 2003 and September 8-12, 2003. Review and document inspection activities in the contractor's office on, or about, September 2-5, 2003. (4 days)
 - a. Perform the inspection in accordance with Inspection Procedures 71111.02, 71111.17, and 71111.21.
 - b. Discuss potential findings with the Team Leader.
 - c. Document items such as inspection scope and list of documents reviewed.
3. Inspection documentation on, or about, September 15-19, 2003 in the contractor's office. Final inspection report input is due on, or about, September 22, 2003.
 - a. Follow the guidelines of NRC Inspection Manual Chapter 0612, "Power Reactor Inspection Reports", as directed by Team Leader.
 - b. Twenty hours is normal for the documentation week. Dependent on risk significance of findings, actual hours could differ (at the discretion of the Team Leader).

REPORT REQUIREMENTS

During Tasks 1 and 2, the contractor shall provide an inspection plan and inspection related documentation, as directed by the Team Leader.

At the end of Task 3, 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)

For each individual:

One 5 day trip to the Region office.

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.