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

January 16, 2004

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

SUBJECT: TASK ORDER NO. 027 "MCGUIRE SAFETY SYSTEM DESIGN AND PERFORMANCE CAPABILITY (SSDPC) 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. 027 shall be in effect from January 16, 2004, through March 5, 2004, with a cost ceiling of $27,596.57. The amount of $26,717.03 represents the estimated reimbursable costs, and the amount of $879.54 represents the fixed fee.

Accounting data for Task Order No. 027 is as follows:

B&R No.:	420-15-103-142
Job Code:	J-3020
BOC:	252A
APPN No.:	31X0200.420
FFS#:	NRR03037027
Oblig. Amt.:	$27,596.57

The following individual is considered to be essential to the successful performance for work hereunder: [redacted]o. 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.

TEMPLATE - ADM001

ADM002

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. 027 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,

Barbara D. Meehan

Barbara D. Meehan, Contracting Officer
Contract Management Center 1
Division of Contracts
Office of Administration

Enclosure: Statement of Work

ACCEPTED: Task Order No. 027

Mike Cohen
NAME

CEO
TITLE

1/24/04
DATE

CONTRACT NRC-03-03-037

STATEMENT OF WORK
Task Order No. 027

TITLE: McGuire Safety System Design and Performance Capability (SSDPC) Inspection

INSPECTION REPORT NUMBER: 50-369/2004-002; 50-370/2004-002

B&R NUMBER: 420-15-103-142

JOB CODE: J-3020

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

TEAM LEADER: Norman Merriweather, Region II (404) 562-4627

PERIOD OF PERFORMANCE: 01/16/04 - 03/05/04

BACKGROUND

In accordance with the Baseline Inspection portion of the NRC Reactor Oversight Process, an SSDPC inspection will be conducted for the McGuire nuclear plant, near Charlotte, NC. The following inspection procedure will be used and provided by the Team Leader:

71111.21, "Safety System Design and Performance Capability"

OBJECTIVE

The objective of this task order is to obtain expert technical assistance in the Instrumentation & Controls design area 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 safety systems 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, January 20-23, 2004 (4 days) 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, January 26-30, 2004 and February 9-13, 2004. Review and document inspection activities in the contractor's office on, or about, February 2-6, 2004.

a. Perform the inspection in accordance with Inspection Procedure 71111.21, "Safety System Design and Performance Capability".

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, February 16-20, 2004 in the contractor's office. Final inspection report input is due on, or about February 23, 2004.

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 1and 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)

One 4 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.