ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES: 1 | 2

IMPORTANT: Mark all packages and papers with contract and/or order numbers. BPA NO.

1. DATE OF ORDER: AUG 25 2005	2. CONTRACT NO. (If any): NRC-03-03-037
3. ORDER NO.: T058 MODIFICATION NO.	4. REQUISITION/REFERENCE NO.: NRC-03-03-037-058

5. ISSUING OFFICE (Address correspondence to)
U.S. Nuclear Regulatory Commission
Div of Contracts
Two White Flint North - MS T-7-I-2
Attn: Rachel Glaros, (301) 415-0115
Washington, DC 20555

6. SHIP TO.
a. NAME OF CONSIGNEE: U.S. Nuclear Regulatory Commission
b. STREET ADDRESS:
c. CITY: Washington | d. STATE: DC | e. ZIP CODE: 20555

7. TO:
a. NAME OF CONTRACTOR: BECKMAN & ASSOCIATES INC
b. COMPANY NAME:
c. STREET ADDRESS: 1071 STATE ROUTE 136
d. CITY: BELLE VERNON | e. STATE: PA | f. ZIP CODE: 150122292

f. SHIP VIA:

8. TYPE OF ORDER
[ ] a. PURCHASE — Reference your _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.
[X] b. DELIVERY — Except for billing instructions on the reverse, this delivery/task order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.

9. ACCOUNTING AND APPROPRIATION DATA
B&R: 520-15-122-142 Job Code: J-3020 BOC: 252A
31X0200.520 FFS#: NRR0303037058 OBLIGATE: $28,348.52

10. REQUISITIONING OFFICE: NRR

11. BUSINESS CLASSIFICATION (Check appropriate box(es))
[ ] a. SMALL [ ] b. OTHER THAN SMALL [ ] c. DISADVANTAGED [ ] g. SERVICE-DISABLED VETERAN-OWNED
[ ] d. WOMEN-OWNED [ ] e. HUBZone [ ] f. EMERGING SMALL BUSINESS

12. F.O.B. POINT: N/A

13. PLACE OF		14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	16. DISCOUNT TERMS
a. INSPECTION	b. ACCEPTANCE			N/A

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (A)	SUPPLIES OR SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)	QUANTITY ACCEPTED (G)
	ISSUANCE OF TASK ORDER NO. 058 TITLE: PALO VERDE NUCLEAR GENERATING STATION 95002 INSPECTION ESTIMATED COSTS: $27,508.58 FIXED FEE: $839.94 TOTAL ESTIMATED COST AND FEE: $28,348.52 PERIOD OF PERFORMANCE: 8/26/2005 to 10/21/2005 CONTRACTOR SIGNATURE REQUIRED ON PAGE 2 OF 2					

SEE BILLING INSTRUCTIONS ON REVERSE

18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.		17(h) TOTAL (Cont. pages)
21. MAIL INVOICE TO:				
a. NAME: U.S. Nuclear Regulatory Commission - Division of Contracts				
b. STREET ADDRESS (or P.O. Box): Mail Stop: T-7-I-2				17(i). GRAND TOTAL
c. CITY: Washington	d. STATE: DC	e. ZIP CODE: 20555	$28,348.52	

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed): Stephen M. Pool
TITLE: Contracting Officer
TITLE: CONTRACTING/ORDERING OFFICER

AUTHORIZED FOR LOCAL REPRODUCTION
PREVIOUS EDITION NOT USABLE

TEMPLATE - ADM001

SISP REVIEW COMPLETE

OPTIONAL FORM 347 (REV. 3/2005)
PRESCRIBED BY GSA/FAR 48 CFR 53.213(e)

ADM002

In accordance with Section G.5, Task Order Procedures, of contract number NRC-03-03-037, this definitizes Task Order No. 058. The effort shall be performed in accordance with the enclosed Statement of Work.

Task Order No. 058 shall be in effect from 826/2005 through 10/21/2005 with a cost ceiling of $28,348.52. The amount of $27,508.58 represents the estimated reimbursable costs, and the amount of $839.94 represents the fixed fee.

The following individual is 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:	Rachel Glaros Contract Specialist (301) 415-0115

Acceptance of Task Order No. 058 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.

ACCEPTED: Task Order No. 058

Nicholas C. Lakeman
NAME

CEO
TITLE

8-26-05
DATE

CONTRACT NRC-03-03-037

STATEMENT OF WORK
Task Order No. 58

TITLE: Palo Verde Nuclear Generating Station 95002 Inspection

INSPECTION REPORT NUMBER: 50-298/2005-008

B&R NUMBER: 520-15-122-142

JOB CODE: J-3020

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

TEAM LEADER: Jeff Clark, Region IV (817) 860-8185

PERIOD OF PERFORMANCE: August 26 -October 21, 2005

BACKGROUND

Palo Verde had a Yellow design control finding, Severity Level III 10 CFR 50.59 violation, and inadequate corrective actions associated with voided containment sump suction piping. In accordance with NRC Manual Chapter 0305, Region IV will perform Inspection Procedure 95002, "Supplemental Inspection for One Degraded Cornerstone or Any Three White Inputs in a Strategic Performance Area. The inspection will review licensee actions to address the two substantive crosscutting issues identified in the recent end-of-cycle letter.

Inspection Procedures

Specific details associated with the following procedures are to be developed following an initial site visit by the Branch Chief or Senior Project Engineer. The team should primarily focus on fluid systems since the NRC will be reviewing the results of a grid study completed by the Western Electric Coordinating Council. The study was initiated following the June 2004 complete loss of offsite power event.

1. **42700, "Plant Procedures"** This procedure will be used to evaluate "non-intent" changes to licensee procedures to ensure appropriate safety evaluations were performed. The review will also ensure that design requirements were properly translated into operational procedures.

2. **71152, "Identification and Resolution of Problems"** This procedure will be used to aid in the evaluation of the licensee's root cause analyses and corrective actions.

3. **90700, "Feedback of Operational Experience Information at Operating Power Reactors"** This procedure will be used to aid in the extent of cause evaluation. Specifically, the team should identify significant operating experience issued over an extended duration and determine if the licensee properly incorporated the guidance into operating procedures and design specifications.

4. **93801, "Safety System Functional Inspection"** This procedure will be used to assess the adequacy of engineering programs as part of the extent of condition and extent of cause reviews. Of particular interest is the incorporation of pre-operational design requirements into the current licensing basis and operation of the facility. Additionally, the procedure will be used to assess the interface between engineering and plant operations.

5. **95002, "Supplemental Inspection for One Degraded Cornerstone or Any Three White Inputs in a Strategic Performance Area"** This procedure will be used to complete the review of the licensee's root cause analyses and corrective actions. The procedure will also be used to perform the independent extent of cause and extent of condition reviews.

OBJECTIVE

The objective of this task order is to obtain expert technical assistance in the Mechanical Systems 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, operations, installation, modification, and testing of nuclear plant safety systems;

(2) reviewing design basis and detailed design of nuclear plant safety systems; and

(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 29-September 2, 2005 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, September 12-16 and September 26-30, 2005. Review and document inspection activities in the Region IV office on, or about, September 19-23, 2005.

a. Perform the inspection in accordance with the above referenced Inspection Procedures

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, October 3-7, 2005 in the contractor's office. Final inspection report input is due on, or about, October 10, 2005.

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)

Two 5 day trips 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.

LEVEL OF EFFORT (for estimating purposes only)

Number	Discipline	Hours
1	Mechanical	208

for each individual:

- inspection preparation - 44 hours
- on-site inspection - 100 hours
- office review (at Region IV) - 44 hours
- documentation - 20 hours

Sunday travel time may be required to ensure timely arrival at the site entrance meeting, as scheduled by the 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 percent licensee fee recoverable. The contractor shall provide fee recovery information in the monthly progress reports in accordance with the requirements of the basic contract.