



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D. C. 20555

MAY 17 1991

Parameter, Inc.
ATTN: Richard A. Lofy
13380 Watertown Plank Road
Elm Grove, Wisconsin 53122

Dear Mr. Lofy:

Subject: Task Order No. 18 Under Contract No. NRC-03-89-027 Entitled
"Modification Design Inspection - Palisades" (L-1342)

This letter confirms verbal authorization provided to Lou Albers by Brenda DuBose, of my staff, on May 17, 1991, to commence work on the subject Task Order effective May 20, 1991, with an established ceiling of \$22,726.67.

In accordance with Section G.6, Task Order Procedures, of the subject contract, this letter definitizes Task Order No. 18. This effort shall be performed in accordance with the enclosed Statement of Work and Parameter Inc.'s technical proposal dated May 16, 1991, incorporated herein by reference.

The period of performance for Task Order No. 18 is May 20, 1991 through July 12, 1991. The total cost ceiling is \$22,726.67. The amount of \$22,197.80 represents the total reimbursable costs, the amount of \$13.88 represents the facilities capital cost of money, and the amount of \$514.99 represents the fixed fee.

Accounting data for Task Order No. 18 is as follows:

B&R No.:	020-19-14-02-0
FIN No.:	L-1342-0
Appropriation No.:	31X0200.200
Obligated Amount:	\$22,726.67
(This amount has been obligated under the basic contract.)	

The following individuals are considered by the Government to be essential to the successful performance of the work hereunder:

A. DuBouchet

9106050064 910523
PDR CONTR
NRC-03-89-027 PDR

Richard A. Lofy

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The contractor agrees that such personnel shall not be removed from the effort under this task order without compliance with Contract Clause H.1 - 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: Brian F. Thomas, Project Officer
(301) 492-1210

Contractual Matters: Brenda J. DuBose, Contract Administrator
(301) 492-7442

Please indicate your acceptance of this task order 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 Administrator. You should retain the third copy for your records.

Sincerely,

Sharon Bell
Paul J. Edgeworth, Contracting Officer
Contract Administration Branch No. 1
Division of Contracts and
Property Management
Office of Administration

Enclosure:
As stated

ACCEPTED: Task Order No. 18

NAME

TITLE

DATE

Richard A. Lofy
PREJ.

5/23/91

Contract NRC-03-89-027
Parameter

STATEMENT OF WORK

TASK ORDER 018

TITLE: Modification Design Inspection - Palisades

DOCKET NUMBER: 50-255

B&R NUMBER: 120-19-14-02

FIN NO.: L-1342

NRC TEAM LEADER: Jay Ball

NRC PROJECT MANAGER: Brian E. Thomas, (FTS 492-1210)

PERIOD OF PERFORMANCE: May 20, 1991 to June 28, 1991

BACKGROUND

Recent problems have been identified during a steam generator replacement inspection (1990/1991) with engineering design and analysis work related to piping and pipe supports. Specific concerns were raised about inadequate design verification measures, questionable design assumptions, and inadequate corrective actions. Region III requested that NRR perform an independent inspection to assist in establishing the technical significance of these recent design control findings in the piping analysis area. Concerns regarding programmatic weakness in the design control program were previously identified by an Engineering Team Inspection (1989/89-07) and snubber reduction inspection (1989/89-24).

Region III will conduct an inspection of the design activities at the Palisades Plant. The inspection team will evaluate the adequacy of design activities associated with recent plant modifications. To accomplish this, Region III needs to supplement its staff with one piping analysis engineer.

OBJECTIVE

The objective of this task order is to obtain expert technical assistance (one piping analysis engineer) to assist the NRC inspection team in the performance of the subject inspection.

WORK REQUIREMENTS

The contractor shall furnish the qualified specialist and the necessary facilities, materials and services to assist the NRC in preparing for and conducting inspection activities and findings. The engineer should have extensive experience in design and analysis of piping and mechanical systems, including, but not limited to, indepth familiarity with US design practices, NRC inspection techniques, and standard US industry practices associated with nuclear plant modifications (see attachment B for detailed personnel requirements).

<u>SUBTASKS</u>	<u>LEVEL OF EFFORT</u>	<u>SCHEDULED COMPLETION</u>
1. Conduct on-site inspection preparation in accordance with NRC inspection procedure 93803 "Safety System Outage Modification Inspection," Section 2.02 (Attachment A).	5 days	May 20-24, 1991
2. Conduct in-office inspection preparation by re-reviewing pertinent background documentation and material to be provided by the Team Leader.	5 days	June 3-7, 1991
3. Prepare input to inspection report.		
a. Summarize findings daily and prior to the exit interview	10 days	June 10-14 and June 17-21, 1991
b. Prepare final inspection report documentation at the NRC Headquarters office in Maryland.	5 days	June 24-28, 1991

REPORTING REQUIREMENTS

The contractor specialist will prepare in draft and final form, input to the inspection report documenting any issues and findings in accordance with the work requirements of this task.

LEVEL OF EFFORT AND PERIOD OF PERFORMANCE

The total level of effort for one engineer is approximately 25 professional staff days. The duration is as indicated above. Project management effort is estimated at 20 hours. Support staff effort is estimated at 5 hours.

MEETINGS AND TRAVEL

One, one-person, five day trip, to the plant site, to conduct on-site preparatory activities for the subject inspection.

One, one-person, two week trip to the Palisades plant site to assist the NRC in conducting the subject inspections during the week of June 10-14 and June 17-21, 1991.

One, one-person trip to NRC Rockville, MD office to assist the NRC in the documentation of inspection activities.

It shall be the responsibility of the contractor to assign 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 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.

NRC FURNISHED MATERIAL

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