



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

007172

JAN 30 2002

Purdue Research Foundation
ATTN: Thomas Wright
1063 Hovde Hall, Purdue University
West Lafayette, IN 47907-1063

Dear Mr. Wright:

SUBJECT: TASK ORDER NO. 17 ENTITLED "PEACH BOTTOM TURBINE TRIP
ANALYSIS" UNDER CONTRACT NO. NRC-04-97-046

In accordance with Section G.4, Task Order Procedures, of the subject contract, this letter definitizes Task Order No. 17. This effort shall be performed in accordance with the enclosed Statement of Work. The period of performance for Task Order No. 17 is February 1, 2002 through August 15, 2002. The total estimated cost for full performance of the basic task order is \$10,000. Funds in the amount of \$10,000 are hereby obligated for performance of this task order.

Accounting data for Task Order No. 17 is as follows:

B&R No.: 260-15-11-020-5
Job Code: Y-6749
BOC Code: 252A
RES ID: RES-C02-360
Appropriation No.: 31X0200
Obligated Amount This Action: \$10,000

NUCLEAR REGULATORY COMMISSION
DIVISION OF CONTRACTS

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RECEIVED

Purdue

Contract No. NRC-04-97-046

Task Order No. 17

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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: James Han, Project Officer
(301) 415-6773

Contractual Matters: Stephen Pool, Contract Specialist
(301) 415-8168

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 Specialist. You should retain the third copy for your records.

Sincerely,


Stephen M. Pool, Contracting Officer
Division of Contracts and Property
Management

Enclosure:

As stated

ACCEPTED: TASK ORDER NO. 17.



NAME

FEB 6 2002

DATE

Eric E. Fulkerson
Sr. Contract Manager

TITLE

Statement of Work for Task Order #17, "Peach Bottom Turbine Trip Analysis," under Contract # NRC-04-97-046, "Thermal-Hydraulic Research"

I. Background

The NRC has been participating in the OECD/NRC turbine trip benchmark exercise. This task order is to perform a BWR benchmark analysis using PARCS as a module in the TRAC-M code.

II. Objective

The objective of this task order is to provide a TRAC-M/PARCS analysis of an OECD/NRC peach bottom turbine trip benchmark exercise 3.

III. Work Requirements (2/1/02 – 8/15/02)

A task will be performed.

Task 1. Peach Bottom Turbine Trip Analysis

This task performs the OECD/NRC Peach Bottom turbine trip benchmark exercise #3 using PARCS as a module in TRAC-M. A letter report will be prepared in both text and electronic format.

Estimated Level of Effort: 1 staff-month
Estimated Completion Date: August 15, 2002

IV. Monthly Progress Report

In addition to the deliverables listed above for each task, we will provide a monthly technical progress report by the 20th of the following month. The report will summarize activities of the month under this Task Order, which will include the work performed during the period, milestone status, and anticipated and encountered problem areas.

V. Meetings and Travel

No trip is expected.