



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

JUN 26 2002

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

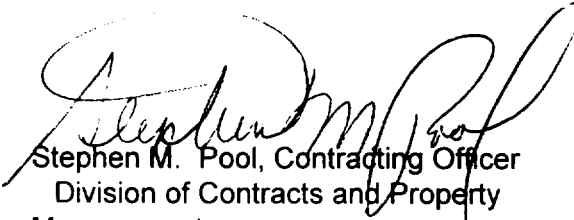
Dear Mr. Wright:

SUBJECT: MODIFICATION NO. 1 TO TASK ORDER NO. 13 ENTITLED "AUTOMATED
CODE ASSESSMENT" 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.13 in accordance with the enclosed Statement of Work. The period of performance for Task Order No. 13 is changed to run from July 1, 2001 through November 30, 2002. The total estimated cost for full performance of the basic task order remains \$21,582.

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.

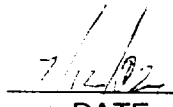
Sincerely,


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

Enclosure:
As stated

ACCEPTED:


NAME


DATE

Michael R. Ludwig
Associate Director

Sponsored Program Administrator

TITLE

Modification (No.1) to the Statement of Work for Task Order #13, "Automated Code Assessment Program," under Contract #NRC-04-97-046, "Thermal-Hydraulic Research"

Additional Work Requirements (6/24/02 - 11/30/02)

Extend the completion date of Tasks 1 and 2 to November 30, 2002, at no additional cost to the NRC. The new Tasks 1 and 2 are listed below.

Task 1. Enhance Numerical Techniques of the ACAP Code

The ACAP code contains several numerical techniques that can be used to quantify code simulation of test data. The data are often oscillatory and chaotic, and this would limit the validity of comparison. In order to improve the results, additional smoothing and sampling shall be incorporated into the code so that the data can be pre-processed by the user. Problematic data sets will be provided to the contractor by the NRC.

Deliverables: Modified ACAP code in electronic format
Updated documentation in electronic format

Estimated Level of Effort: 0.6 staff-month (no change)
Estimated Completion Date: November 30, 2002 (new date)

Task 2. Provide Technical Assistance

This task provides technical assistance to the NRC (e.g., on the use of the ACAP code) and fixes any errors and deficiencies as they are discovered.

Deliverables: Modified ACAP code in electronic format
Updated documentation in electronic format

Estimated Level of Effort: 0.6 staff-month (no change)
Estimated Completion Date: November 30, 2002 (new date)