



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

APR 08 2002

Energy Research, Inc.  
ATN: Dr. Mohsen Khatib-Rahbar, President  
P. O. Box 2034  
Rockville, MD 20847

Dear Dr. Khatib-Rahbar:

Subject: MODIFICATION NO. 2 TO TASK ORDER NO. 3, ENTITLED, "SEVERE ACCIDENT AND THERMAL-HYDRAULIC CODE ASSESSMENT AND PHENOMENOLOGICAL ISSUES " UNDER CONTRACT NO. NRC-04-97-040

In accordance with Section G.4, Task Order Procedures, of the subject contract, this letter definitizes Modification No. 2 to Task Order No. 3 to: (1) provide for additional within scope work under Task 3.2 of the Statement of Work, (2) increase the level of effort, thereby increasing the ceiling amount of the task order by \$24,975.22 from \$55,657.85 to \$80,633.07, (3) extend the expiration date of this task order from "May 21, 2002" to "September 18, 2002", and (4) change the technical point of contact for this task order. Accordingly, the task order is hereby revised as follows:

The second paragraph, first sentence of the definitization letter of the basic task order is deleted in its entirety and the following is substituted in lieu thereof:

"Task Order No. 3 shall be in effect from May 22, 2000 through September 18, 2002, with a cost ceiling of \$80,633.07. The amount of \$73,975.30 represents the total estimated reimbursable cost, and the amount of \$6,657.77 represents the fixed fee."

Accounting data for Modification No. 2 to Task Order No. 3 is as follows:

B&R No.: 26015110201  
Job Code: W67521  
BOC Code: 252A  
APPN No.: 31X0200.260  
OBLIGATED AMOUNT: \$24,975.22

Your point of contact for technical matters during the remaining period of performance of this task order is now Jason Schaperow, and he can be reached at 301-415-5907.

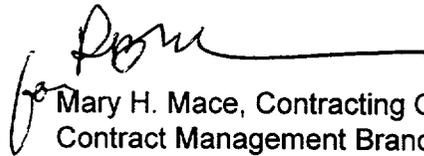
In the Statement of Work of Task Order No. 3, under Task 3.2, this modification allows ERI to perform additional sensitivity analysis to clarify the significance of assumed probabilities of random ignition and combustion, as a follow-on to work performed by ERI and documented in the report entitled "The Probability of Combustion-Induced Containment Failure in PWRs with Subatmospheric Design," ERI/NRC 01-201, November 20, 2000. In addition, ERI will perform an analysis to explore conditional containment failure probabilities for PWRs with large dry containments.

The issuance of this modification does not amend any other terms or conditions of the subject task order.

Please indicate your acceptance of this modification by having an official who is authorized to bind your organization, execute three (3) copies of this document in the space provided below and return two (2) copies to the U.S. Nuclear Regulatory Commission, ATTN: Ms. Anita Hughes, Division of Contracts and Property Management, Mail Stop T-712, Washington, DC 20555. You should retain the third copy for your records.

If you have any questions regarding the subject modification, please contact Anita Hughes, Contract Specialist, of my staff on (301) 415-6526.

Sincerely,



Mary H. Mace, Contracting Officer  
Contract Management Branch No. 1  
Division of Contracts and Property Management  
Office of Administration

Enclosure: As stated

ACCEPTED:

Mohsen Khatib-Rahbar  
Energy Research, Inc.  
P.O. Box 2034  
Rockville, Maryland 20847

NAME Mohsen Khatib-Rahbar  
President

TITLE

DATE 12. April 2002