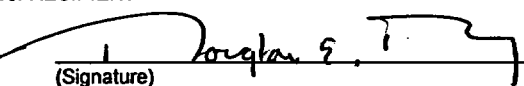
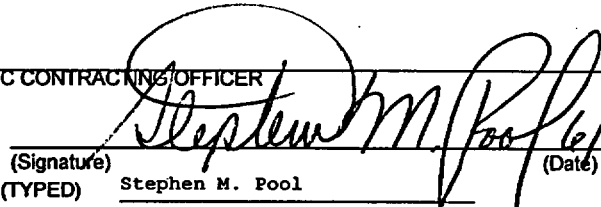


**U.S. NUCLEAR REGULATORY COMMISSION  
NOTICE OF GRANT/ASSISTANCE AWARD**

1. GRANT/AGREEMENT NO. 04-98-061		2. MODIFICATION NO. 05		3. PERIOD OF PERFORMANCE FROM: 09-03-1998 TO: 10-31-2003		4. AUTHORITY Pursuant to Section 31a and 141b of the Atomic Energy Act of 1954, as amended	
5. TYPE OF AWARD <input checked="" type="checkbox"/> GRANT <input type="checkbox"/> COOPERATIVE AGREEMENT		6. ORGANIZATION TYPE GRANT		7. RECIPIENT NAME AND ADDRESS The National Academy of Sciences National Research Council 2101 Constitution Avenue, NW Washington, DC 20418			
8. PROJECT TITLE: "Health Risks From Exposure to Low Levels of Ionizing of Radiation (BEIR VII-Phase 2)"							
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED 06/16/98 AND APPENDIX A-PROJECT GRANT PROVISIONS		10. TECHNICAL REPORTS ARE REQUIRED <input checked="" type="checkbox"/> PROGRESS AND FINAL <input type="checkbox"/> FINAL ONLY <input type="checkbox"/> OTHER (Conference Proceedings)		11. PRINCIPAL INVESTIGATOR(S) NAME AND ADDRESS Rick F. Jostes, Senior Program Officer Board on Radiation Effects Research Commission on Life Sciences			
12. NRC PROGRAM OFFICE (NAME, ADDRESS) US Nuclear Regulatory Commission ATTN: MS. Andrea Jones, MS T-9-F-31 RES/DSAR/RPER Mail Stop: T-9F31 Washington, DC 20555 (301) 415-6231		13. ACCOUNTING APPROPRIATION DATA APPN. NO: 31X0200.360 BR NO: 36015205213 JOB CODE: G6071 BOC NO: 4110 OFFICE ID NO:		14. METHOD OF PAYMENT <input type="checkbox"/> ADVANCE BY TREASURY CHECK <input type="checkbox"/> REIMBURSEMENT BY TREASURY CHECK <input type="checkbox"/> LETTER OF CREDIT <input checked="" type="checkbox"/> OTHER (SPECIFY) Electronic Payment (See Attach. 30 in Appendix A - "Electronic Payment")			
15. NRC OBLIGATION FUNDS  THIS ACTION \$100,000.00  PREVIOUS OBLIGATION \$300,000.00  TOTAL \$400,000.00		16. TOTAL FUNDING AGREEMENT  NRC \$400,000.00 This action provides funds for Fiscal Year 03 in the amount of \$100,000.00  RECIPIENT 0  TOTAL \$400,000.00					
17. NRC ISSUING OFFICE (NAME AND ADDRESS)  U.S. Nuclear Regulatory Commission Div of Contracts Two White Flint North - MS T-7-I-2  Washington, DC 20555							
18. RECIPIENT   (Signature) 10/16/03 (Date) NAME (TYPED) DOUGLAS E. DENNING TITLE Contract Manager TELEPHONE NO. 202 334 3377				19. NRC CONTRACTING OFFICER   (Signature) 6/3/03 (Date) NAME (TYPED) Stephen M. Pool TITLE Contracting Officer TELEPHONE NO. (301) 415-8168			
20. PAYMENT INFORMATION  Payment will be made within thirty (30) days after receipt of the billing unless the bill is improper or the recipient has failed to comply with the program objectives, award conditions, Federal reporting requirements or other conditions specified in OMB Circular A-110.  Payment will be made by: Vouchers should be submitted in an original and three (3) copies on form 270 to:  U.S. Nuclear Regulatory Commission Payment Team, Mail Stop T-9-H-4 Attn: (insert contract or order number)  Washington DC 20555							
21. Attached is a copy of the "NRC General Provisions for Grants and Cooperative Agreements Awarded to Institutions of Higher Education and Other Nonprofit Organizations". Acceptance of these terms and conditions is acknowledged when Federal funds are used on this project.							
22. ORDER OF PRECEDENCE In the event of a conflict between the recipient's proposal and this award, the terms of the Award shall prevail.							
23. By this award, the Recipient certifies that payment of any audit-related debt will not reduce the level of performance of any Federal Program							

**MODIFICATION NO. 5 TO COOPERATIVE AGREEMENT NO. NRC-04-98-061  
BETWEEN  
THE NATIONAL ACADEMY OF SCIENCES/NATIONAL RESEARCH COUNCIL  
AND THE  
U.S. NUCLEAR REGULATORY COMMISSION**

The purpose of Modification No. 5 is to increase the ceiling and obligated amounts by \$100,000.00. Accordingly, the Grant is modified as follows:

1. Increase the ceiling amount by \$100,000.00 from \$300,000.00 to \$400,000.00.
2. Increase the total obligated amount by \$100,000.00 from \$300,000.00 to \$400,000.00.
3. National Academy of Sciences proposal dated November 1, 2000, No. X826842-01, BEIR VII, Phase 2 Study is hereby incorporated and made part of this order.

A summary of obligations for the Cooperative Agreement, from the award date through the date of this action is listed below:

Total FY 98 Obligation Amount	\$100,000.00
Total FY 00 Obligation Amount	\$ 50,000.00
Total FY 01 Obligation Amount	\$150,000.00
Total FY 03 Obligation Amount	\$100,000.00
 Cumulative Total of NRC Obligations	 \$400,000.00

This modification obligates FY 03 funds in the amount of \$100,000.00, thereby fully funding the Cooperative Agreement.

All other terms and conditions of the Cooperative Agreement remain the same.