

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

1. GRANT/AGREEMENT NO. NRC-04-02-081	2. MODIFICATION NO. M003	3. PERIOD OF PERFORMANCE FROM: 09/25/2002 TO: 05/31/2007	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 Non-Profit	7. RECIPIENT NAME AND ADDRESS NATIONAL ACADEMY OF SCIENCES  2101 CONSTITUTION AVE NW WASHINGTON DC 204180006	

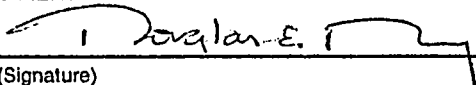
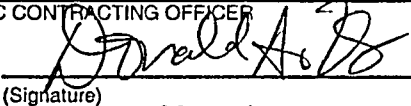
8. PROJECT TITLE:  
"Assessing the Performance of Surface and Subsurface Engineered Barriers"

9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED  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 National Academy of Sciences Attn: Douglas E. Denning, Contract Manager 500 - 5th Street, N.W. Washington, DC 20001
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12. NRC PROGRAM OFFICE (NAME & ADDRESS) U. S. Nuclear Regulatory Commission Office of Nuclear Regulatory Research Attn: Jacob Phillip, MS-T9-B3 Washington, D.C. 20555  (301) 415-6211	13. ACCOUNTING & APPROPRIATION DATA APPN. NO: 31X0200.560 B&R NO: 56015355223 JOB CODE: G6719 BOC NO: 4110 OFFICE ID NO: RES-C05-055	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")
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15. NRC OBLIGATION FUNDS	16. TOTAL FUNDING AGREEMENT
THIS ACTION <u>      \$2.00      </u>	NRC <u>      80,000.00      </u> This action provides funds for Fiscal Year in the amount of
PREVIOUS OBLIGATION <u>      \$80,000.00      </u>	RECIPIENT <u>      0      </u>
TOTAL <u>      \$80,000.00      </u>	TOTAL <u>      80,000.00      </u>

17. NRC ISSUING OFFICE (NAME AND ADDRESS)  
  
U.S. Nuclear Regulatory Commission  
Division of Contracts  
Mail Stop: T-7-I-2  
Contract Management Branch 2  
Washington, DC 20555

18. RECIPIENT   (Signature) _____ NAME (TYPED) <u>      DOUGLAS E. DENNING      </u> <u>      Contract Manager      </u> TITLE _____ TELEPHONE NO. <u>      202-334-3377      </u>	19. NRC CONTRACTING OFFICER   (Signature) _____ NAME (TYPED) <u>      Donald A. King      </u> <u>      Contracting Officer      </u> TITLE _____ TELEPHONE NO. <u>      (301) 415-6731      </u>
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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

SEE ADDRESS IN BLOCK NO. 17

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

1. The purpose of this modification is to extend the period of performance to May 31, 2007.
2. The total obligations for the Grant remain unchanged at \$80,000.00.
3. All other terms and conditions of the Grant remain unchanged.