

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

1. GRANT/AGREEMENT NO. NRC-04-04-067	2. MODIFICATION NO. MOO2	3. PERIOD OF PERFORMANCE FROM: 01-01-2004 TO: 12-31-2004	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  500 FIFTH STREET NW WASHINGTON DC 200012721	

8. PROJECT TITLE:  
SAFETY AND SECURITY OF COMMERCIAL SPENT NUCLEAR FUEL STORAGE

9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED 03DELS34201 12/10/03  AND APPENDIX A-PROJECT GRANT PROVISIONS	10. TECHNICAL REPORTS ARE REQUIRED <input type="checkbox"/> PROGRESS AND FINAL <input type="checkbox"/> FINAL ONLY <input type="checkbox"/> OTHER (Conference Proceedings)	11. PRINCIPAL INVESTIGATOR(S) NAME AND ADDRESS Kevin Crowley, Director National Academy of Sciences 500 Fifth Street, NW Washington, DC 20001
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12. NRC PROGRAM OFFICE (NAME & ADDRESS) US Nuclear Regulatory Commission Attn: Jason Schaperow (MS T-10K8) Office of Nuclear Regulatory Research Washington, DC 20555	13. ACCOUNTING & APPROPRIATION DATA APPN. NO: 31X0200.460 B&R NO: 46060131616 JOB CODE: G6044 BOC NO: 4110 OFFICE ID NO: RES-C04-442	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) (See Attach. 30 in Appendix A - "Electronic Payment")
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15. NRC OBLIGATION FUNDS	16. TOTAL FUNDING AGREEMENT
THIS ACTION <u>\$500,000.00</u>	NRC <u>\$1,000,000.00</u> This action provides funds for Fiscal Year 2004 in the amount of \$500,000.00
PREVIOUS OBLIGATION <u>\$500,000.00</u>	RECIPIENT _____
TOTAL <u>\$1,000,000.00</u>	TOTAL <u>\$1,000,000.00</u>

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) _____ (Date) NAME (TYPED) _____  TITLE _____  TELEPHONE NO. _____	19. NRC CONTRACTING OFFICER   (Signature) _____ (Date) <u>7/22/04</u> NAME (TYPED) <u>Robert B. Webber</u>  TITLE <u>Contracting Officer</u>  TELEPHONE NO. <u>(301) 415-6520</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: (NRC-04-04-067)  Washington DC 20555	U.S. Nuclear Regulatory Commission Division of Contracts MS T-7I2 Washington, DC 20555
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- 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.
- ORDER OF PRECEDENCE  
In the event of a conflict between the recipient's proposal and this award, the terms of the Award shall prevail.
- 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. 2 TO GRANT NO. NRC-04-04-067

BETWEEN

NATIONAL ACADEMY OF SCIENCES

AND

THE U.S. NUCLEAR REGULATORY COMMISSION

The purpose of this modification is to provide incremental funding in the amount of \$500,000.00, thereby, increasing the obligated amount from \$500,000.00 to \$1,000,000.00. Accordingly, the grant is fully funded.

A summary of obligations for this grant, from award date through the date of this action is given below:

Total FY04 Obligation Amount:	\$1,000,000.00
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All other terms and conditions remain the same and in full force and effect.