

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

ORAA

1. GRANT AGREEMENT NO. NRC-04-98-056	2. MODIFICATION 14	3. PERIOD OF PERFORMANCE FROM: 8/24/98 TO: 2/9/2003	AUTHORITY Pursuant to Section 31a and 141b of the Atomic Energy Act of 1954, as amended
5. TYPE OF AWARD <input type="checkbox"/> GRANT <input checked="" type="checkbox"/> COOPERATIVE AGREEMENT	6. ORGANIZATION TYPE	7. RECIPIENT NAME AND ADDRESS University of Maryland Department of Materials & Nuclear Engineering, Building 090 College Park, MD 20742	

8. PROJECT TITLE:
Probabilistic Assessment and Applications

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 University of Maryland Materials & Nuclear Engineering Dept. ATTN: Prof. Mohammad Modarres 2100 Marie Mount Hall College Park, MD 20742
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12. NRC PROGRAM OFFICE (NAME, ADDRESS) U.S. Nuclear Regulatory Commission Office of Nuclear Regulatory Research ATTN: Roy Woods Washington, DC 20555 301-415-6622	13. ACCOUNTING APPROPRIATION DATA APPN. NO: 31X0200.260 BR NO: 26015110203 JOB CODE: K6007 BOC NO: 4110 OFFICE ID NO: RES-C02-013	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) ACH (See Attach. 30 In Appendix A - "Electronic Payment")
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15. NRC OBLIGATION FUNDS	16. TOTAL FUNDING AGREEMENT
THIS ACTION <u>\$26,133.00</u>	NRC <u>\$1,454,482.00</u> This action provides funds for Fiscal Year 02 in the amount of \$26,133
PREVIOUS OBLIGATION <u>\$1,289,645.00</u>	RECIPIENT 0
TOTAL <u>\$1,315,778.00</u>	TOTAL <u>\$1,454,482.00</u>

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

18. RECIPIENT <u>Evan L. Crierie</u> 2/11/02 Evan L. Crierie, Contract Manager Research Administration & Advancement	19. NRC CONTRACTING OFFICER <u>Robert Webber</u> 1/31/02 (Signature) (Date) NAME (TYPED) Mary H. Mace TITLE Contracting Officer TELEPHONE NO. 301-415-7314
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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 activities, 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
Office of the Chief Financial Officer
Attn: GOV/COM Acctng. Section T-9H4
Washington DC 20555

Attached is a copy of the "NRC General Provisions for Grants and Cooperative Agreements Awarded to Institutions of Higher Education and Other Profit 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

U.S. Nuclear Regulatory Commission
Cooperative Agreement No. NRC-04-98-056
Modification No. 14

The purpose of this modification is to: (1) incorporate Task 7 in accordance with the contractor's proposal dated October 31, 2001, which is hereby incorporated by reference, (2) increase the ceiling amount by \$26,133, (3) increase the obligated amount by \$26,133, and (4) identify the period of performance for Task 7. Accordingly, the cooperative agreement is modified as follows:

1. Incorporate Task 7 entitled "Improved Methods for Performing Importance Analysis" which is in accordance with the contractor's proposal dated October 31, 2001. As a result, the ceiling amount is hereby increased by \$26,133 from \$1,428,349 to \$1,454,482 and the obligated amount is increased by \$26,133 from \$1,289,645 to \$1,315,778.
2. The period of performance for Task 7 is February 1, 2002 through July 30, 2002.

All other terms and conditions of this cooperative agreement remain unchanged.