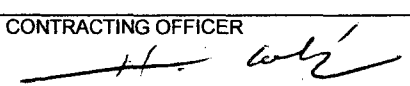


**U.S. NUCLEAR REGULATORY COMMISSION  
NOTICE OF GRANT/ASSISTANCE AWARD**

1. GRANT/AGREEMENT NO. NRC-04-08-150		2. MODIFICATION NO. M001		3. PERIOD OF PERFORMANCE FROM: 10/1/2008 TO: 9/30/2012		4. AUTHORITY Pursuant to Section 31b 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  State Hi-Ed. Institution		7. RECIPIENT NAME AND ADDRESS MASSACHUSETTS INSTITUTE OF TECHNOLOGY  77 MASSACHUSETTS AVE  CAMBRIDGE MA 021394301			
8. PROJECT TITLE: "Advance Methods for Probabilistic Risk Assessment"							
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED September 2008  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 Professor George E. Apostolakis Room 24-221 Massachusetts Institute of Technology Cambridge, MA 02139-4307			
12. NRC PROGRAM OFFICE (NAME & ADDRESS)  Office of Nuclear Reactor Research Attn: Donald Helton MS: T10-K8 Rockville, MD 20555 301-415-7558		13. ACCOUNTING & APPROPRIATION DATA APPN. NO: 31X0200.860 B&R NO: 8-60-15-111-203 JOB CODE: G6728 BOC NO: 4110 OFFICE ID NO: 04 (RES)		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 Section 11.7 (See Attach. 30 in Appendix A - "Electronic Payment")			
15. NRC OBLIGATION FUNDS  THIS ACTION <u>\$0.0</u>  PREVIOUS OBLIGATION <u>\$142,697.00</u>  TOTAL <u>\$142,697.00</u>		16. TOTAL FUNDING AGREEMENT  NRC <u>\$600,000.00</u> This action provides funds for Fiscal Year 2008 in the amount of <u>\$0.0</u>  RECIPIENT _____  TOTAL <u>\$600,000.00</u>					
17. NRC ISSUING OFFICE (NAME AND ADDRESS)  U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Sheila Bumpass Mail Stop: TWB-01-B10M Rockville MD 20555							
18. RECIPIENT Recipient Signature Not Required  (Signature) _____ (Date) _____ NAME (TYPED) _____  TITLE _____ TELEPHONE NO. _____				19. NRC CONTRACTING OFFICER   11/10/08 (Signature) _____ (Date) _____ NAME (TYPED) Heriberto Colon  TITLE Contracting Officer TELEPHONE NO. 301-492-3620			
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:  Automated Standard Application for Payments (ASAP) See Section 11.7							
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							

**TEMPLATE - ADM001**

**SUNSI REVIEW COMPLETE**

**ADM002**

The specific change to this Cooperative Agreement is as follows:

On the Award Page, in Block 9, "PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL DATED," delete "April 15, 2008" and replace with "September 2008"

End of Modification