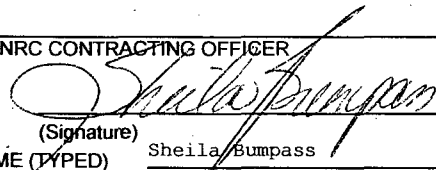


**U.S. NUCLEAR REGULATORY COMMISSION
NOTICE OF GRANT/ASSISTANCE AWARD**

1. GRANT/AGREEMENT NO. NRC-04-07-084		2. MODIFICATION NO. M002		3. PERIOD OF PERFORMANCE FROM: 06/19/2007 TO: 06/18/2010		4. 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 Non-Profit/Education DUNS: 042103594		7. RECIPIENT NAME AND ADDRESS MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVE CAMBRIDGE MA 021394301			
8. PROJECT TITLE: "Advanced Nuclear Technologies"							
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED 01/30/2007 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 Massachusetts Institute of Technology Attn: Mujid Kazimi, Director 77 Massachusetts Ave. Cambridge, MD 02139-4301			
12. NRC PROGRAM OFFICE (NAME & ADDRESS) U.S. Nuclear Regulatory Commission Attn: Samina Shaikh, 301-251-7546 Mail Stop: C3A07M 11545 Rockville Pike Rockville MD 20852		13. ACCOUNTING & APPROPRIATION DATA APPN: NO: 31X0200.760 B&R NO: 76015171277 JOB CODE: K6436 BOC NO: 4110 OFFICE ID NO: 04		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) Payment by EFT-CCR (See Attach. 30 in Appendix A - "Electronic Payment")			
15. NRC OBLIGATION FUNDS THIS ACTION \$0 PREVIOUS OBLIGATION \$500,000.00 TOTAL \$500,000.00		16. TOTAL FUNDING AGREEMENT NRC \$750,000.00 This action provides funds for Fiscal Year in the amount of N/A See Page 2 RECIPIENT TOTAL \$750,000.00					
17. NRC ISSUING OFFICE (NAME AND ADDRESS) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Sheila Bumpass, 301-492-3484 Mail Stop TWB-01-B10M 11545 Rockville Pike Rockville, MD 20852-2746							
18. RECIPIENT Signature Not Required _____ (Signature) _____ (Date) NAME (TYPED) _____ TITLE _____ TELEPHONE NO. _____				19. NRC CONTRACTING OFFICER  (Signature) _____ (Date) 2/4/09 NAME (TYPED) Sheila Bumpass TITLE Contracting Officer TELEPHONE NO. 301-492-3484			
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: Department of Interior NRCPayments@nbc.gov National Business Center							
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 purpose of this modification is to change the designated NRC project officer from Prasad Kadambi to Samina Shaikh. Delete all reference to Prasad Kadambi in the cooperative agreement and replace with:

Samina Shaikh
MS C3A07M
21 Church Street
Rockville, Maryland

Tel: 301-251-7546

All other terms and conditions remain the same.