

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

1. GRANT/AGREEMENT NO. NRC-04-08-144		2. MODIFICATION NO. M009		3. PERIOD OF PERFORMANCE FROM: 10-01-2008 TO: 09-30-2014		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 Controlled Hi-Ed. Institution DUNS: 124726725		7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS REGENTS OF THE UNIVERSITY OF CALIFORNIA, THE UNIVERSITY OF CALIFORNIA, BERKELEY  2150 SHATTUCK AVE RM 313 BERKELEY CA 947045940			
8. PROJECT TITLE: Next Generation Attenuation Models for Central and Eastern US (NGA-East)							
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED		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, ADDRESS and EMAIL ADDRESS Professor Stephen Mahin/ Peer Director University of CA, Berkeley 325 Davis Hall Mail Code 1792 Berkeley, CA 94720-1792			
AND APPENDIX A-PROJECT GRANT PROVISIONS		12. NRC PROGRAM OFFICE (NAME and ADDRESS) U.S. Nuclear Regulatory Commission Office of Nuclear Regulatory Research Attn: Robin Barnes/Richard Rivera-Lugo Mail Stop C5A24M Washington, DC 20555 Tel. (301)251-7401		13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 2013-60-17-6-161 JOB CODE: K6681 BOC NO: 4110 OFFICE ID NO: NRC-04-08-144 M09 FSS:		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 ASAP.gov (See Remarks in Item #20 "Payment Information")	
15. NRC OBLIGATION FUNDS  THIS ACTION <u>\$0.00</u>  PREVIOUS OBLIGATION <u>\$1,500,000.00</u>  TOTAL <u>\$1,500,000.00</u>				16. TOTAL FUNDING AGREEMENT  NRC <u>\$1,500,000.00</u>  RECIPIENT _____  TOTAL <u>\$1,500,000.00</u>  This action provides funds for Fiscal Year 2013 in the amount of \$0.00			
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS)  U.S. Nuclear Regulatory Commission Div. of Contracts Attn: M Mail Stop TWB-01B10M Washington, DC 20555 chris.walston@nrc.gov							
18.  Signature Not Required				19. NRC CONTRACTING OFFICER  <div style="text-align: right;"><i>Shashi Malhotra</i> <u>1/15/2013</u></div> <div style="display: flex; justify-content: space-between;"><div>(Signature)</div><div>(Date)</div></div> <div style="display: flex; justify-content: space-between;"><div>NAME (TYPED) <u>Shashi Malhotra</u></div><div></div></div> <div style="display: flex; justify-content: space-between;"><div>TITLE <u>Grants/Contracting Officer</u></div><div></div></div> <div style="display: flex; justify-content: space-between;"><div>TELEPHONE NO. <u>301-492-3604</u></div><div></div></div>			
20. PAYMENT INFORMATION  Payment will be made through the Automated Standard Application for Payment (ASAP.gov) unless the recipient has failed to comply with the program objectives, award conditions, Federal reporting requirements or other conditions specified in 2 CFR 215 (OMB Circular A110).							
21. Attached is a copy of the "NRC General Provisions for Grants and Cooperative Agreements Awarded to Non-Government Recipients. 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**

**DESCRIPTION OF MODIFICATION**

The purpose of this modification M009 is to:

Delete Block 15 of the US Nuclear Regulatory Commission, Notice of Grant Assistance Award, in its entirety and replace with the following:

**"NRC OBLIGATIONS FUND**

THIS ACTION	\$0.00
PREVIOUS OBLIGATION	\$1,500,000.00
TOTAL OBLIGATION	\$1,500,000.00 "

Base Period: October 1, 2008 – September 30, 2014

Assistance Award Ceiling: \$1,500,000.00

NRC Total Obligated Mount: \$1,500,000.00

All terms and conditions remain the same.