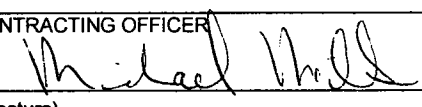


**U.S. NUCLEAR REGULATORY COMMISSION  
NOTICE OF GRANT/ASSISTANCE AWARD**

<b>1. GRANT/AGREEMENT NO.</b> NRC-04-10-128	<b>2. MODIFICATION NO.</b> M001	<b>3. PERIOD OF PERFORMANCE</b> FROM: 08/01/2010 TO: 07/31/2013	<b>4. AUTHORITY</b> Pursuant to Section 31b and 141b of the Atomic Energy Act of 1954, as amended
<b>5. TYPE OF AWARD</b>  <input type="checkbox"/> GRANT <input checked="" type="checkbox"/> COOPERATIVE AGREEMENT	<b>6. ORGANIZATION TYPE</b>  124726725	<b>7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS</b> REGENTS OF THE UNIVERSITY OF CALIFORNIA, THE UNIVERSITY OF CALIFORNIA, BERKELEY  2150 SHATTUCK AVE RM 313 BERKELEY CA 947045940	
<b>8. PROJECT TITLE:</b> Engineering Evaluation of Post-Liquefaction Residual Strength			
<b>9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED</b> See Program Descript <b>AND APPENDIX A-PROJECT GRANT PROVISIONS</b>	<b>10. TECHNICAL REPORTS ARE REQUIRED</b> <input checked="" type="checkbox"/> PROGRESS AND FINAL <input type="checkbox"/> FINAL ONLY <input type="checkbox"/> OTHER (Conference Proceedings)	<b>11. PRINCIPAL INVESTIGATOR(S) NAME, ADDRESS and EMAIL ADDRESS</b> Dr. Raymond Seed University of California, Berkeley 423 Davis Hall Berkeley, CA 94720-8438 RMSeed6@aol.com	
<b>12. NRC PROGRAM OFFICE (NAME and ADDRESS)</b> U.S. Nuclear Regulatory Commission Attn: Mr. Richard Rivera-Lugo Office of Research Mail Stop CSB-5A24M 21 Church Street Rockville, MD 20850	<b>13. ACCOUNTING and APPROPRIATION DATA</b> APPN. NO: 31X0200.160 B&R NO: 2011-60-17-6-161 JOB CODE: K6936, Comit No. GR0011 BOC NO: 4110 OFFICE ID NO: RFPA No. RES-11-135	<b>14. METHOD OF PAYMENT</b> <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")	
<b>15. NRC OBLIGATION FUNDS</b>  THIS ACTION <u>                    \$9,000.00                    </u>  PREVIOUS OBLIGATION <u>                    \$75,000.00                    </u>  TOTAL <u>                    \$84,000.00                    </u>	<b>16. TOTAL FUNDING AGREEMENT</b> This action provides funds for Fiscal Year 2011 in the amount of \$9,000.00  NRC <u>                    \$413,339.00                    </u>  RECIPIENT <u>                    \$0.00                    </u>  TOTAL <u>                    \$413,339.00                    </u>		
<b>17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS)</b>  U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Mr. Michael Mills Mail Stop: TWB-01-B10M Washington, DC 20555			
<b>18.</b> Acceptance of or objections to the Terms and Conditions of Award must be Emailed to the NRC Issuing Office (Block #17) within three (3) business days following the Award issue date. NRC considers lack of response as acceptance by the grantee of the terms and conditions of award.		<b>19. NRC CONTRACTING OFFICER</b>  <div style="text-align: right;">                   (Signature) _____ (Date) <u>3/2/11</u> </div> NAME (TYPED) <u>Michael Mills</u>  TITLE <u>Contracting Officer</u>  TELEPHONE NO. <u>301-492-3621</u>	
<b>20. PAYMENT INFORMATION</b>  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).			
<b>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.</b>			
<b>22. ORDER OF PRECEDENCE</b> In the event of a conflict between the recipient's proposal and this award, the terms of the Award shall prevail.			
<b>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.</b>			

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

ADM001

The purpose of this modification is to provide incremental funding in the amount of \$9,000, thereby increasing the amount of funds obligated from \$75,000 to \$84,000. Accordingly, the cooperative agreement is hereby modified as follows:

Obligate \$9,000 in funding under the cooperative agreement.

A summary of obligations for this cooperative agreement from the award date through the date of this action is provided below:

Total FY 10 Obligations:	\$ 75,000
Total FY 11 Obligations:	\$ 9,000
Cumulative Obligations:	\$ 84,000
Estimated Ceiling Amount:	\$413,339

All other terms and conditions remain unchanged.