

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

1. GRANT/AGREEMENT NO. NRC-38-09-948	2. MODIFICATION NO. M004	3. PERIOD OF PERFORMANCE FROM: 09/01/2009 TO: 08/31/2013	4. AUTHORITY Pursuant to Section 31b and 141b of the Atomic Energy Act of 1954, as amended
5. TYPE OF AWARD  <input checked="" type="checkbox"/> GRANT  <input type="checkbox"/> COOPERATIVE AGREEMENT	6. ORGANIZATION TYPE State/Public Controlled Institution Of Higher Education  DUNS: 124726725 NAICS: 611310	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 EMAIL: spoawards@berkeley.edu	
8. PROJECT TITLE: UCB Department of Nuclear Engineering Faculty Development Program			
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED 02/24/2009 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, ADDRESS and EMAIL ADDRESS Dr. Joonhon Ahn Department of Nuclear Engineering University of California, Berkeley 2150 Shattuck Avenue Berkeley CA 94704 ahn@nuc.berkeley.edu	
12. NRC PROGRAM OFFICE (NAME and ADDRESS) U.S. Nuclear Regulatory Commission Office of Human Resources ATTN: <u>Nancy.Hebron-Isreal@nrc.gov</u> Mail stop: GW 5A6 Washington, DC 20555	13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 0-8415-5C1115 JOB CODE: T8460 BOC NO: 4110 OFFICE ID NO: NRC-38-09-948M004 EFS:		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) <u>Electronic ASAP.gov</u> (See Remarks in Item #20 "Payment Information")
15. NRC OBLIGATION FUNDS  THIS ACTION                      \$0.00  PREVIOUS OBLIGATION            \$450,000.00  TOTAL                                \$450,000.00		16. TOTAL FUNDING AGREEMENT  NRC                      \$450,000.00 RECIPIENT              \$150,000.00 TOTAL                      \$600,000.00  This action provides funds for Fiscal Year 2010 in the amount of \$0.00	
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS)  U.S. Nuclear Regulatory Commission Div. of Contracts Attn: <u>Mark.Lohrmann@nrc.gov</u> Mail Stop: TWB-01-B10M Washington, DC 20555			
18. 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.		19. NRC CONTRACTING OFFICER <div style="text-align: right;"><u>Sheila Bumpass</u>                      4/02/2012</div> <hr/> <div style="display: flex; justify-content: space-between;"><span>(Signature)</span><span>(Date)</span></div> <div style="display: flex; justify-content: space-between;"><span>NAME (TYPED)    <u>SHEILA BUMPASS</u></span><span>_____</span></div> <div style="display: flex; justify-content: space-between;"><span>TITLE                      <u>CONTRACTING OFFICER</u></span><span>_____</span></div> <div style="display: flex; justify-content: space-between;"><span>TELEPHONE NO.    <u>301-492-3484</u></span><span>EMAIL: <u>SHEILA.BUMPASS@NRC.GOV</u></span></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.			

**SUNSI REVIEW COMPLETE**

**ADM002**

**TEMPLATE - ADM001**

The purpose of this modification is to:

- 1) Revise the reporting requirement period for the Federal Financial Report (FFR, SF-425) to a semi-annual basis, as follows: Under Attachment C – Standard Terms and Conditions; Monitoring and Reporting of this grant; “b. Federal Financial Reports” is hereby deleted in its entirety and replaced with the following:

“b. Federal Financial Reports

The Grantee shall submit a “Federal Financial Report” (SF-425) on a semi-annual basis for the periods ending March 31 and September 30, or any portion thereof, unless otherwise specified in a special award condition. Reports are due no later than 30 days following the end of each reporting period. A final SF-425 is due within 90 days after expiration of the award. The report should be submitted electronically to: Grants\_FFR@NRC.GOV. (NOTE: There is an underscore between Grants and FFR).”

- 2) Revise PPR reports to add performance metrics, as follows: Under Attachment C – Standard Terms and Conditions; III. Programmatic Requirements; Performance (Technical) Reports is hereby revised to add the following:

“Grant Performance Metrics:

In addition to the customary performance progress report requested on the SF-PPR, SF-PPR-B, and SF-PPR-E forms, NRC requires the following metrics to be reported on by the awardees as follows:

**Faculty Development Performance Metrics**

1. How many faculty have been sponsored by NRC funding?
  - a. Response is the number of faculty sponsored, for this reporting period and cumulative to the grant.
2. How many items have the sponsored faculty produced, for example, Professional Journal articles, publications, patents, or conference reports?
  - a. Response is the type and number of items, for this reporting period and cumulative to the grant.”

***All other terms and conditions remain unchanged.***

---