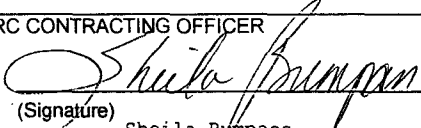


**U.S. NUCLEAR REGULATORY COMMISSION  
NOTICE OF GRANT/ASSISTANCE AWARD**

1. GRANT/AGREEMENT NO. NRC-HQ-12-G-38-0054		2. MODIFICATION NO. M001		3. PERIOD OF PERFORMANCE FROM: 04/01/2012 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  Public/State Controlled Institution of Higher Education  DUNS: 170230239 NAICS: 611310		7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS The University of Texas at Austin 101 East 27 <sup>th</sup> Avenue, Suite 5.300  Austin, TX 78712-1500			
8. PROJECT TITLE: Applications of Nuclear Science and Engineering							
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED  See Program Description 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 Attn: Dr. Sheldon Landsberger 101 East 27 <sup>th</sup> Avenue, Suite 5.300 Pickle Research Campus, R-9000 Austin, TX 78712-1500  (512)232-2467			
12. NRC PROGRAM OFFICE (NAME and ADDRESS) NRC Attn: Tanya Parwani-Jaimes MS: W5A6 (301) 492-2308 Office of Human Resources 11545 Rockville Pike Rockville, MD 20852		13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 2012-84-51-K-164 JOB CODE: T8458 BOC NO: 4110 OFFICE ID NO: HR-12-225		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		16. TOTAL FUNDING AGREEMENT					
THIS ACTION		\$0.00		NRC		\$50,624.00	
PREVIOUS OBLIGATION		\$50,624.00		RECIPIENT		\$0.00	
TOTAL		\$50,624.00		TOTAL		\$50,624.00	
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS)  U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Shashi Malhotra, 301-492-3604 Mail Stop: TWB-01-B10M Washington, DC 20555							
18. Signature Not Required				19. NRC CONTRACTING OFFICER			
				<div style="display: flex; justify-content: space-between;"> <div>             (Signature)            NAME (TYPED) Sheila Bumpass             TITLE Contracting Officer             TELEPHONE NO. 301-492-3484         </div> <div>           4/24/12            (Date)         </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 for modification number 001 is to:

1. Extend the period of performance.

As a result of this modification:

1. The period of performance is extended from 03/31/2013 to 08/31/2013 at no additional cost to the government.
2. References in the award document to the period of performance are changed to read: April 1, 2012 – August 31, 2013.
3. Funds obligated in this grants are available for program expenditures until August 30, 2013.

Base Period: April 1, 2012 – August 31, 2013

Assistance Award Ceiling: \$50,624.00

Total Obligated Amount: \$50,624.00

All other terms and conditions remain the same.