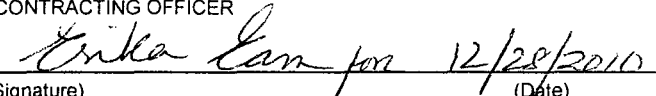


**U.S. NUCLEAR REGULATORY COMMISSION
NOTICE OF GRANT/ASSISTANCE AWARD**

1. GRANT/AGREEMENT NO. NRC-04-10-173	2. MODIFICATION NO. M001	3. PERIOD OF PERFORMANCE FROM: 10/1/2010 TO: 09/30/2013	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 161202122	7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS UNIVERSITY OF WISCONSIN SYSTEM RESEARCH & SPONSORED PROGRAMS 21 N PARK ST STE 6401 MADISON WI 537151218 608-262-3822	
8. PROJECT TITLE: Research in Support of VHTR Safety Performance			
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED Revised 07/30/2010 AND APPENDIX A-PROJECT GRANT PROVISIONS	10. TECHNICAL REPORTS ARE REQUIRED <input checked="" type="checkbox"/> PROGRESS AND FINAL <input checked="" type="checkbox"/> FINAL ONLY <input type="checkbox"/> OTHER (Conference Proceedings)	11. PRINCIPAL INVESTIGATOR(S) NAME, ADDRESS and EMAIL ADDRESS University of Wisconsin Attn: Todd R. Allen 1500 Engineering Drive Madison, WI 53706 Phone: 608-265-4083 Email: allen@engr.wisc.edu	
12. NRC PROGRAM OFFICE (NAME and ADDRESS) US Nuclear Regulatory Commission Office of Nuclear Regulatory Research Attn: Andrew Nosek Mail Stop: CSB-02-A07M Washington, DC 200555 301-251-7476	13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200.060 B&R NO: 2011-60-17-6-100 JOB CODE: K6003 BOC NO: 4110 OFFICE ID NO: RES-11-058 ESS: RES-C11-052	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> \$100,000.00 </u> TOTAL <u> \$100,000.00 </u>	16. TOTAL FUNDING AGREEMENT This action provides funds for Fiscal Year in the amount of <u> \$0.00 </u> NRC <u> \$300,000.00 </u> RECIPIENT <u> \$0.00 </u> TOTAL <u> \$300,000.00 </u>		
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: M'Lita R. Carr Mail Stop: TWB-01-B10M Washington, DC 20555 MLita.Carr@nrc.gov			
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;">  (Signature) _____ (Date) 12/28/2010 </div> NAME (TYPED) <u> Sheila Bumpass </u> TITLE <u> Contracting Officer </u> TELEPHONE NO. <u> 301-492-3484 </u>		
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 - ADM00

SUNSI REVIEW COMPLETE

ADM00

DESCRIPTION OF MODIFICATION:

The purpose of this modification M001 is:

1. Change the NRC Project Manger.

As a result of this modification:

1. The NRC Project Manager is changed from Sudhamay Basu to Andrew Nosek.

Base Period: October 1, 2010 – September 30, 2013 (unchanged)

Total Contract Amount: \$300,000.00 (unchanged)

Total Obligated Amount: \$100,000.00 (unchanged)

All terms and conditions remain the same.