

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

1. GRANT/AGREEMENT NO. NRC-04-10-173	2. MODIFICATION NO. M002	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 DUNS: 161202122 NAICS: 611310	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 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: Robin Barnes Mail Stop: CSB C6-D20 Washington, DC 200555 301-251-7476 Andrew Nosek, TA	13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200.160 B&R NO: 2011-60-17-6-100 JOB CODE: K6003 BOC NO: 4110 OFFICE ID NO: RES-11-228 FSS: GR0025	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 <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">THIS ACTION</td> <td style="text-align: right;">\$100,000.00</td> </tr> <tr> <td>PREVIOUS OBLIGATION</td> <td style="text-align: right;">\$100,000.00</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$200,000.00</td> </tr> </table>	THIS ACTION	\$100,000.00	PREVIOUS OBLIGATION	\$100,000.00	TOTAL	\$200,000.00	16. TOTAL FUNDING AGREEMENT <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">NRC</td> <td style="text-align: right;">\$300,000.00</td> <td style="width:30%;"></td> <td style="width:10%;"></td> </tr> <tr> <td>RECIPIENT</td> <td style="text-align: right;">\$0.00</td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$300,000.00</td> <td></td> <td></td> </tr> </table> <p style="text-align: right; margin-top: 10px;">This action provides funds for Fiscal Year 2011 in the amount of \$100,000.00</p>			NRC	\$300,000.00			RECIPIENT	\$0.00			TOTAL	\$300,000.00		
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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. Signature Not Required	19. NRC CONTRACTING OFFICER <div style="text-align: right;"> (Signature) _____ 7/6/11 (Date) _____ </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.																					

DESCRIPTION OF MODIFICATION:

The purpose of this modification M002 is:

1. Provide incremental funding in the amount of \$100,000.00;
2. Change the NRC Project Manager;
3. Add Financial and Performance reporting requirements.

As a result of this modification:

1. The obligated amount of the grant has increased by \$100,000.00 from \$100,000.00 to \$200,000.00;
2. Robin Barnes has replaced Andrew Nosek as the NRC Project Manager and Mr. Nosek is hereby designated as the Technical Analyst;
3. In section b. entitled "Federal Financial Reports" under Monitoring and Reporting delete and replace with the following:

"b. Federal Financial Reports

Effective October 1, 2009, NRC transitioned from the SF-269, SF-269A, SF-272, and SF-272A to the Federal Financial Report (SF-425) as required by OMB:

Federal Register Notice: http://www.whitehouse.gov/omb/fedreg/2008/081308_ffr.pdf

Federal Financial Report Form (SF-425): http://www.whitehouse.gov/omb/grants_forms/

The Recipient shall submit a Federal Financial Report (SF-425) on a quarterly basis, for the periods ending 3/31, 6/30, 9/30 and 12/31. Reports are due within 30 calendar days following the end of each reporting period. The reports must be emailed to Grants_FFR@nrc.gov. "

4. In section III. Programmatic Requirements section entitled "Performance (Technical) Reports" add the following:

"c. The required performance (technical) reports must be emailed to Grants_PPR@nrc.gov."

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

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

Total Obligated Amount: \$200,000.00 (changed)

All terms and conditions remain the same.