

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

1. GRANT/AGREEMENT NO. NRC-04-08-138	2. MODIFICATION NO. M003	3. PERIOD OF PERFORMANCE FROM: 09/05/08 TO: 09/04/13	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 053599908	7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS OREGON STATE UNIVERSITY OREGON STATE UNIVERSITY CORVALLIS OR, 973318507 brian.woods@oregonstate.edu																			
8. PROJECT TITLE: Basic Research on High Temperature Gas Reactor Thermal Hydraulics and Reactor Physics																					
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED 04/01/08 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 Oregon State University Attn: Dr. Brian G. Woods 116 Radiation Center 116 Corvallis, OR 97331-5902																			
12. NRC PROGRAM OFFICE (NAME and ADDRESS) U.S. Nuclear Regulatory Commission Attn: Ms. Lauren Gibson Mail Stop CSB-3A07M 21 Church Street Rockville, MD 20850	13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200.060 B&R NO: 060-60-171-816 JOB CODE: K6871 BOC NO: 4110 OFFICE ID NO: RES-C10-614	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;">\$240,000.00</td> </tr> <tr> <td>PREVIOUS OBLIGATION</td> <td style="text-align: right;">\$1,708,700.00</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$1,948,700.00</td> </tr> </table>		THIS ACTION	\$240,000.00	PREVIOUS OBLIGATION	\$1,708,700.00	TOTAL	\$1,948,700.00	16. TOTAL FUNDING AGREEMENT <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">NRC</td> <td style="text-align: right;">\$6,615,886.00</td> <td style="width:40%;"></td> <td style="width:30%;"></td> </tr> <tr> <td>RECIPIENT</td> <td style="text-align: right;">_____</td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$6,615,886.00</td> <td></td> <td></td> </tr> </table> <p style="text-align: right; margin-top: 10px;">This action provides funds for Fiscal Year 10 in the amount of \$240,000.00</p>		NRC	\$6,615,886.00			RECIPIENT	_____			TOTAL	\$6,615,886.00		
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17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Mr. Michael Mills 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: center;"> </div> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> (Signature) NAME (TYPED) <u>Michael Mills</u> </div> <div style="text-align: center;"> (Date) <u>11/5/09</u> </div> </div> <div style="margin-top: 10px;"> TITLE <u>Contracting Officer</u> TELEPHONE NO. <u>301-492-3621</u> </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

The purpose of this modification is to (1) add the University of Michigan as a subcontractor and (2) provide **NRC** incremental funding in the amount of \$240,000, thereby increasing the amount of funds obligated from \$1,708,700 to \$1,948,700. Accordingly, the cooperative agreement is hereby modified as follows:

- (1) Effective 9/25/08, delete Purdue University as a subcontractor under this cooperative agreement and add the University of Michigan at no additional cost to the Government.
- (2) Obligate \$240,000 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 08 Obligations	\$ 750,000
Total FY 09 Obligations	\$ 958,700
Total FY 10 Obligations	\$ 240,000
 Cumulative Obligations	 \$1,948,700
 Estimated Ceiling Amount	 \$6,615,886

This modification obligates FY 10 funds in the amount of \$240,000.

All other terms and conditions remain unchanged.