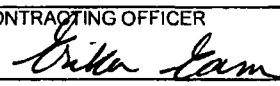


**U.S. NUCLEAR REGULATORY COMMISSION
NOTICE OF GRANT/ASSISTANCE AWARD**

1. GRANT/AGREEMENT NO. NRC-04-08-138	2. MODIFICATION NO. M012	3. PERIOD OF PERFORMANCE FROM: 09/08/2008 TO: 09/30/2014	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: 053599908 NACIS: 611310		7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS Oregon State University Office of Sponsored Programs 308 Kerr Administration Building Corvallis, OR 97331-5902 Email: sponsored.programs@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 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 Wood 116 Radiation Center Corvallis, OR 97331-5902 Email: brian.wood@oregonstate.edu	
12. NRC PROGRAM OFFICE (NAME and ADDRESS) U.S. Nuclear Regulatory Commission Attn: Robin Barnes, Email: Robin.BarnesRES@nrc.gov 21 Church Street Mail Stop: CSB C-6 D20 Rockville, MD 20850 TA: Joseph Kelly, Joseph.Kelly@nrc.gov	13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 2013-60-17-R-816 JOB CODE: K6869 BOC NO: 4110 OFFICE ID NO: RES-13-205 FAIMIS: GR0279	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>\$281,000.00</u> PREVIOUS OBLIGATION <u>\$4,805,034.00</u> TOTAL <u>\$5,086,034.00</u>		16. TOTAL FUNDING AGREEMENT NRC <u>\$6,615,886.00</u> RECIPIENT <u>\$0.00</u> TOTAL <u>\$6,615,886.00</u> This action provides funds for Fiscal Year FY2013 in the amount of \$281,000.00	
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Gordana Zuber, Gordana.zuber@nrc.gov Mail Stop: TWB-01-B10M Washington, DC 20555			
18. Reimbursable Funds Agreement Name: DOE-CINGNP Agreement Line Number: 63		19. NRC CONTRACTING OFFICER <div style="text-align: right;"> 4/24/2013 (Date)</div> NAME (TYPED) <u>Erika Eam</u> TITLE <u>Contracting/Grant Officer</u> TELEPHONE NO. <u>(301) 492-3492</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 - ADM001

SUNSI REVIEW COMPLETE

ADM002

DESCRIPTION OF MODIFICATION:

The purpose for modification M012 is:

1. Provide incremental funding in the amount of \$281,000.00;
2. Extend the Period of Performance at no additional cost.

As a result of this modification

1. The obligated amount has increased by \$281,000.00 from \$4,805,034.00 to \$5,086,034.00
2.
 - A. Block 3 of the US Nuclear Regulatory Commission, Notice of Grant Assistance Award, delete in its entirety and replace with the following:
"PERIOD OF PERFORMANCE
FROM: 09/08/2008 TO 09/30/2014"
 - B. ATTACHMENT A – SCHEDULE, Section A.2 PERIOD OF GRANT, delete in its entirety and replace with the following:

"1. The effective date of this Grant is September 8, 2008. The estimated completion date of this Grant is September 30, 2014.

2. Funds obligated in this grants are available for program expenditures for the estimated period: September 08, 2008 – September 30, 2014."

Base Period: September 08, 20008 – September 30, 2014 (changed)
Total Agreement Amount: \$6,615,886.00 (unchanged)
Total Obligated Amount: \$5,086,034.00 (changed)

All other terms and conditions remain the same.