

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

1. GRANT/AGREEMENT NO. NRC-04-08-138	2. MODIFICATION NO. M001	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	

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
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12. NRC PROGRAM OFFICE (NAME and ADDRESS) U.S. Nuclear Regulatory Commission Attn: Ms. Lauren Gibson Mail Stop T-K10K8 11545 Rockville Pike Rockville, MD 20852	13. ACCOUNTING and APPROPRIATION DATA APPN. NO: Refer to B&R NO: page 2 JOB CODE: BOC NO: OFFICE ID NO:	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")
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15. NRC OBLIGATION FUNDS	16. TOTAL FUNDING AGREEMENT
THIS ACTION <u>\$875,700.00</u>	NRC <u>\$6,615,886.00</u> This action provides funds for Fiscal Year 09 in the amount of \$875,700.00
PREVIOUS OBLIGATION <u>\$750,000.00</u>	RECIPIENT _____
TOTAL <u>\$1,625,700.00</u>	TOTAL <u>\$6,615,886.00</u>

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  _____ (Signature) Michael Mills (Date) 7/9/09 NAME (TYPED) _____ TITLE Contracting Officer TELEPHONE NO. 301-492-3621
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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

It is anticipated that DOE will also be involved in areas of this project related to task 4 only.

This funding modification is funded by the NRC and the Department of Energy (DOE). Any paper published under the auspices of this cooperative agreement must cite the funding support of both agencies. This modification includes funding from the NRC (\$165,000) and co-funding from the Department of Energy (\$710,000). **The \$710,000 in funding provided by DOE is restricted for use on task 4 only under sub-account no. NRC-04-08-138b.** A copy of the progress report detailing activities related to this project must be submitted to the NRC and Idaho National Laboratory (INL).

INL reports shall be forwarded to:

Richard R. Schultz, P.E.
Idaho National Laboratory
P.O. Box 1625
2525 Fremont
Idaho Falls, ID 83415-3890
Tel: (208) 526-9508
Richard.Schultz@inl.gov

Accounting & Appropriation Data

APPN No: 31X0200.960

B&R No: 96060171816

Job Code: K6869

Boc No: 4110

Office ID No: RES-C09-691 (**sub-account no. NRC-04-08-138b**)

Obligation: \$710,000.00

APPN No: 31X0200.960

B&R No: 96015171172

Job Code: K6677

Boc No: 4110

Office ID No: RES-C09-702

Obligation: \$165,000.00

All other terms and conditions remained unchanged.