

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

1. GRANT/AGREEMENT NO. NRC-38-08-905	2. MODIFICATION NO. 0001	3. PERIOD OF PERFORMANCE FROM: 09/01/2008 TO: 12/31/2009	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 Institution of Higher Education DUNS 943360412	7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS ARIZONA STATE UNIVERSITY ORSPA 1711 S RURAL RD ADM B 160 TEMPE AZ 852870002 Email: avery.wright@asu.edu													
8. PROJECT TITLE: <p align="center">Interdisciplinary Nuclear Power Engineering and Contemporary Health Physics</p>															
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED 03/20/2008 *Revision: 7/01/08 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 Dr. Keith Holbert, 480-965-8594 Electrical Engineering Dept. Arizona State University P.O. Box 875706 Tempe AZ 85287-5706 Email: holbert@asu.edu													
12. NRC PROGRAM OFFICE (NAME and ADDRESS) U.S. Nuclear Regulatory Commission Office of Human Resources ATTN: Randi Neff, 301-492-2301 Mail Stop: W5-A6 Washington DC 20555 Email: Randi.Neff@nrc.gov	13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 8-8415-5C1116 JOB CODE: T8453 BOC NO: 4110 OFFICE ID NO: HR-08-905	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:50%;">THIS ACTION</td> <td style="width:50%; text-align: right;">0</td> </tr> <tr> <td>PREVIOUS OBLIGATION</td> <td style="text-align: right;">\$150,000.00</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$150,000.00</td> </tr> </table>	THIS ACTION	0	PREVIOUS OBLIGATION	\$150,000.00	TOTAL	\$150,000.00	16. TOTAL FUNDING AGREEMENT <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">NRC</td> <td style="width:50%; text-align: right;">\$150,000.00</td> </tr> <tr> <td>RECIPIENT</td> <td style="text-align: right;">27,136.00</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$177,136.00</td> </tr> </table> <p style="text-align: right; margin-top: 10px;">This action provides funds for Fiscal Year 2009 in the amount of 0</p>			NRC	\$150,000.00	RECIPIENT	27,136.00	TOTAL	\$177,136.00
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PREVIOUS OBLIGATION	\$150,000.00														
TOTAL	\$150,000.00														
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RECIPIENT	27,136.00														
TOTAL	\$177,136.00														
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Kathleen J. Shino 301-492-3636 Mail Stop TWB-01-B10M Washington, DC 20555 email: kathleen.shino@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: center;"> </div> (Signature) _____ (Date) 7/23/2009 NAME (TYPED) Donald A. King TITLE Contracting Officer TELEPHONE NO. 301-492-3635 donald.king@nrc.gov														
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 U.S.mNon-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

JUL 29 2009

ADM002

The purpose of this grant modification is to extend the period of performance from August 31, 2009, to December 31, 2009 with no addition funds, as requested by the grantee in the email dated July 7, 2009. Accordingly, the grant is hereby modified as follows:

1) Block 3 of the grant award document is modified to the following:

“3. Period of Performance:
From: 09/01/2008 To: 12/31/2009”

This modification does not obligate any funds.

All other terms and conditions of the original grant award remain unchanged.