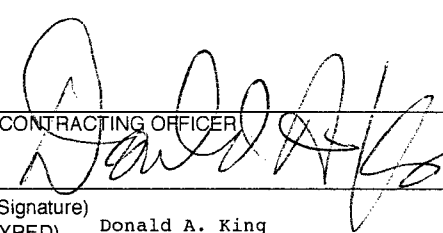


**U.S. NUCLEAR REGULATORY COMMISSION
NOTICE OF GRANT/ASSISTANCE AWARD**

1. GRANT/AGREEMENT NO. NRC-38-08-905		2. MODIFICATION NO. 0002		3. PERIOD OF PERFORMANCE FROM: 09/01/2008 TO: 03/31/2010		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 CFDA 77.006		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 THIS ACTION <u>0</u> PREVIOUS OBLIGATION <u>\$150,000.00</u> TOTAL <u>\$150,000.00</u>		16. TOTAL FUNDING AGREEMENT NRC <u>\$150,000.00</u> RECIPIENT <u>@ 27,136.00</u> TOTAL <u>\$177,136.00</u> This action provides funds for Fiscal Year 2009 in the amount of <u>0</u>					
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  (Signature) _____ (Date) <u>12/31/2009</u> NAME (TYPED) <u>Donald A. King</u> TITLE <u>Contracting Officer</u> TELEPHONE NO. <u>301-492-3635 donald.king@nrc.gov</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 U.S. 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 grant modification is to extend the period of performance for the second time from December 31, 2009, to March 31, 2010 with no addition funds, as requested by the grantee in the email dated November 4, 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: 03/31/2010”

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:

http://www.whitehouse.gov/omb/fedreg/2008/081308_ffr.pdf Notice for transition

http://www.whitehouse.gov/omb/grants/standard_forms/ffr.pdf SF-425 Forms

http://www.whitehouse.gov/omb/grants/standard_forms/ffr_instructions.pdf SF-425 Instructions

The Recipient shall submit a “Federal Financial Report” (SF-425) on a semi-annual basis for the periods ending March 31 and September 30, or any portion thereof, unless otherwise specified in a special award condition to Grants_FFR@nrc.gov, with a copy to the program manager in item #12. Reports are due no later than 30 days following the end of each reporting period. A final SF-425 shall be emailed within 90 days after expiration of the award to Grants_FFR@nrc.gov with a copy to the program manager listed on the award face page in item #12.

This modification adds the CFDA number (77.006) to item #6 of the face page, and does not obligate any funds.

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