

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

1. GRANT/AGREEMENT NO. NRC-38-09-945	2. MODIFICATION NO. M001	3. PERIOD OF PERFORMANCE FROM: 09/01/2009 TO: 01/31/2013	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 State related Institution of Higher Education DUNS 003403953 NAICS: 611310		7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS PENNSYLVANIA STATE UNIVERSITY, THE PENN STATE  408 OLD MAIN  UNIVERSITY PARK PA 168021505 osp@psu.edu
8. PROJECT TITLE: Pennsylvania State University's Faculty Development Grant For Advanced Nuclear Power Technologies			
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED  See Program Description 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. Karen A. Thole (814)865-2519 Department of Mechanical and Nuclear Engineering PENNSYLVANIA STATE UNIVERSITY, THE 136 Reber Building University Park PA 168021412 kthole@psu.edu	
12. NRC PROGRAM OFFICE (NAME and ADDRESS) U.S. Nuclear Regulatory Commission Office of Human Resources Attn: Nancy Hebron-Isreal 301-492-2231 Mail Stop: GW5-E03 Washington DC 20555 Nancy.hebron-isreal@nrc.gov	13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 2012-84-51-K-164 JOB CODE: T8460 BOC NO: 4110 OFFICE ID NO: HR-12-081		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 \$0.00  PREVIOUS OBLIGATION \$450,000.00  TOTAL \$450,000.00		16. TOTAL FUNDING AGREEMENT  NRC \$450,000.00  RECIPIENT \$150,000.00  TOTAL \$600,000.00  This action provides funds for Fiscal Year 2012 in the amount of \$0.00	
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS)  U.S. Nuclear Regulatory Commission Division of Contracts Attn: Chris Walston Mail Stop TWB-01-B10M Washington, DC 20555 Chris.walston@nrc.gov			
18.		19. NRC CONTRACTING OFFICER  <div style="text-align: right;"><u>Sheila Bumpass</u> 03/01/2012</div> <div style="display: flex; justify-content: space-between;"><div>(Signature)</div><div>(Date)</div></div> <div style="display: flex; justify-content: space-between;"><div>NAME (TYPED)</div><div><u>Sheila Bumpass</u></div></div> <div style="display: flex; justify-content: space-between;"><div>TITLE</div><div><u>Contracting Officer</u></div></div> <div style="display: flex; justify-content: space-between;"><div>TELEPHONE NO.</div><div><u>301-492-3494</u></div></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 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**

**DESCRIPTION OF MODIFICATION:**

The purpose of this modification M001 is:

1. Extend the period of performance.

As a result of this modification:

1. The period of performance is extended from 07/31/2012 to 01/31/2013 at no additional cost to the government. Box 3 of the Notice of Award entitled "period of Performance" is changed to read as follows: From: 09/01/2009 To: 01/31/2013

Base Period: September 01, 2009 – January 31, 2013 (changed)

Total Agreement Amount: \$600,000.00 (unchanged)

Total Obligated Amount: \$450,000.00 (unchanged)

All other terms and conditions remain the same.