

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

1. GRANT/AGREEMENT NO. NRC-04-09-149		2. MODIFICATION NO. M003		3. PERIOD OF PERFORMANCE FROM: 9/29/2009 TO: 9/28/2011		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 Public Institution of Higher ED DUNS: 003403953		7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS PENNSYLVANIA STATE UNIVERSITY, THE PENN STATE 408 OLD MAIN UNIVERSITY PARK PA 168021505			
8. PROJECT TITLE: OCED/NRC PSBT Benchmark based on NUPEC PWR Subchannel and Bundle Tests							
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 Dr. Maria N. Avramova Pennsylvania State University 231 Reber Bldg University Park, PA 168021505 mnaliog@psu.edu			
12. NRC PROGRAM OFFICE (NAME and ADDRESS) U.S. Nuclear Regulatory Commission Attn: Alexander Velazques-Lozada Mails Stop: C-3A07M Office of Research Washington, DC 20555		13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31x0200.060 B&R NO: 2011-60-15-6-142 JOB CODE: K6883 BOC NO: 4110 OFFICE ID NO: RES-11-050 ESS: GR0006		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>\$15,000.00</u> PREVIOUS OBLIGATION <u>\$72,500.00</u> TOTAL <u>\$87,500.00</u>		16. TOTAL FUNDING AGREEMENT NRC <u>\$117,802.00</u> This action provides funds for Fiscal Year 11 in the amount of \$15,000.00 RECIPIENT _____ TOTAL <u>\$117,802.00</u>					
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS) U.S. Nuclear Regulatory Commission Division of Contracts Attn: M Lita Carr Mail Stop TWB-01B10M Washington, DC 20555 MLita.Carr@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 <u>Sheila Bumpass</u> for <u>12/28/2010</u> (Signature) _____ (Date) NAME (TYPED) <u>Sheila Bumpass</u> TITLE <u>Contracting Officer</u> TELEPHONE NO. <u>301-492-3484</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

ADM001

DESCRIPTION OF MODIFICATION:

The purpose of this modification M003 is:

1. Provide incremental funding in the amount of \$15,000.00.

As a result of this modification:

1. The obligated amount has changed from \$72,500.00 to \$87,500.00.

Base Period: September 29, 1009 – September 28, 2011 (unchanged)

Total Contract Amount: \$117,802.00 (unchanged)

Total Obligated Amount: \$87,500.00 (changed)

All terms and conditions remain the same.