

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

1. GRANT/AGREEMENT NO. NRC-38-10-947		2. MODIFICATION NO M002		3. PERIOD OF PERFORMANCE FROM: 5/1/2010 TO: 4/30/2014		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 St. Related Institute of Higher ED DUNS: 003403953 NAICS: 611310			7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS Pennsylvania State University 110 Technology Center University Park, PA 16802-7000		
8. PROJECT TITLE: Nuclear Engineering Fellowship Project								
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 Pennsylvania State University Attn: Dr. Arthur Motta Asst.: Professor of Nuclear Engineering E-Mail - alm2@psu.edu 814-865-0036		
12. NRC PROGRAM OFFICE (NAME and ADDRESS) NRC Attn: Nancy.Hebron-Isreal@nrc.gov Office of Human Resources MS: GW5A6 (301) 492-2231 11545 Rockville Pike Rockville, Maryland 20852			13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 0-8415-5C1115 JOB CODE: T8460 BOC NO: 4110 OFFICE ID NO: 38-10-947M001			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) <i>Electronic ASAP.gov</i> (See Remarks in Item #20 "Payment Information")		
15. NRC OBLIGATION FUNDS				16. TOTAL FUNDING AGREEMENT				
THIS ACTION		<u>\$0.00</u>		NRC		<u>\$386,156.00</u>		
PREVIOUS OBLIGATION		<u>\$386,156.00</u>		RECIPIENT		<u>\$10,000.00</u>		
TOTAL		<u>\$386,156.00</u>		TOTAL		<u>\$396,156.00</u>		
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Mark.Lohrmann@nrc.gov Mail Stop: TWB-01-B10M Rockville MD 20852								
18. Signature Not Required				19. NRC CONTRACTING OFFICER <u><i>Mark Lohrmann</i></u> <u>6/06/2012</u> (Signature) (Date) NAME (TYPED) <u>Mark Lohrmann</u> TITLE <u>Grant Officer</u> TELEPHONE NO. <u>301-492-3461</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

ADM002

The purpose for modification number M002 is to change the Principal Investigator as follows:

From: Dr. Jack Brenizer Jr.

To: Dr. Arthur Motta

All other terms and conditions remain unchanged.