

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

1. GRANT/AGREEMENT NO. NRC-38-08-970	2. MODIFICATION NO. M001	3. PERIOD OF PERFORMANCE FROM: 08/01/2008 TO: 07/31/2012	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 Controlled Inst. of Higher Education NAICS: 611310 DUNS: 0033R7R91	7. RECIPIENT NAME AND ADDRESS UNIVERSITY OF TENNESSEE UNIV TENNESSEE SYSTEM OFFICE 1331 CIRCLE PARK DR KNOXVILLE TN 379960003	
8. PROJECT TITLE: "US NRC Fellowship Program for Excellence in Nuclear Education at the University of Tennessee" (expires 7/31/12) and "US NRC Undergraduate Scholarship Program for Excellence in Nuclear Education at the University of Tennessee" (expired 7/31/10)			
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED 04/01/2008 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 AND ADDRESS Dr. Ivan Maldonado, 865-974-7562 Department of Nuclear Engineering 311 Pasqua Engineering Knoxville, TN 37996-2300 Email: Ivan.Maldonado@utk.edu	
12. NRC PROGRAM OFFICE (NAME & ADDRESS) U.S. Nuclear Regulatory Commission Office of Human Resources Nancy.Hebron-Isreal@nrc.gov Mail Stop: W5-A6 Washington DC 20555	13. ACCOUNTING & APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 8-8415-5C115 JOB CODE: T8460 BOC NO: 4110 OFFICE ID NO: NRC-38-08-970M001	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) See Section II(7) (See Attach. 30 in Appendix A - "Electronic Payment")	
15. NRC OBLIGATION FUNDS THIS ACTION \$0.00 PREVIOUS OBLIGATION \$600,000.00 TOTAL \$600,000.00	16. TOTAL FUNDING AGREEMENT NRC \$600,000.00 This action provides funds for Fiscal Year 2008 in the amount of \$0.00 RECIPIENT \$0.00 TOTAL \$600,000.00		
17. NRC ISSUING OFFICE (NAME AND ADDRESS) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: <u>Mark.Lohrmann@nrc.gov</u> Mail Stop: TWB-01-B10M Washington, DC 20555			
18. RECIPIENT No Signature Required _____ (Signature) _____ (Date) NAME (TYPED) _____ TITLE _____ TELEPHONE NO. _____	19. NRC CONTRACTING OFFICER <i>Sheila Bumpass</i> 4/10/12 _____ (Signature) _____ (Date) NAME (TYPED) Sheila Bumpass TITLE Contracting Officer TELEPHONE NO. 301-492-3484		
20. PAYMENT INFORMATION Payment will be made by: Automated Standard Application for Payments (ASAP) See Section II(7)			
21. Attached is a copy of the "NRC General Provisions for Grants and Cooperative Agreements Awarded to Institutions of Higher Education and Other Nonprofit Organizations". 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 modification is to:

- 1) Revise the reporting requirement period for the Federal Financial Report (FFR, SF-425) to a semi-annual basis, as follows: Under Attachment C – Standard Terms and Conditions; Monitoring and Reporting of this grant; “b. Federal Financial Reports” is hereby deleted in its entirety and replaced with the following:

“b. Federal Financial Reports

The Grantee 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. Reports are due no later than 30 days following the end of each reporting period. A final SF-425 is due within 90 days after expiration of the award. The report should be submitted electronically to: Grants_FFR@NRC.GOV. (NOTE: There is an underscore between Grants and FFR).”

- 2) Revise PPR reports to add performance metrics, as follows: Under Attachment C – Standard Terms and Conditions; III. Programmatic Requirements; Performance (Technical) Reports is hereby revised to add the following:

“Grant Performance Metrics:

In addition to the customary performance progress report requested on the SF-PPR, SF-PPR-B, and SF-PPR-E forms, NRC requires the following metrics to be reported on by the awardees as follows:

Fellowship Performance Metrics

1. How many graduate students have been sponsored by NRC funding?
 - a. Response is the number of students, for this reporting period and cumulative to the grant.
2. How many students, supported by NRC funding, have received M.S. or equivalent degrees?
 - a. Response is the number of students, for this reporting period and cumulative to the grant.
3. How many students, supported by NRC funding, have received Ph.D. or equivalent degrees?
 - a. Response is the number of students, for this reporting period and cumulative to the grant.
4. How many students, supported by NRC funding, have accepted a job and are employed in the nuclear industry?
 - a. Response is the number of students, for this reporting period and cumulative to the grant.
5. How many items have students produced, for example, Professional Journal articles, publications, patents, or conference reports?
 - a. Response is the type and number of items, for this reporting period and cumulative to the grant.”

All other terms and conditions remain unchanged