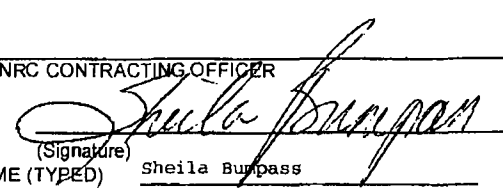


**U.S. NUCLEAR REGULATORY COMMISSION
NOTICE OF GRANT/ASSISTANCE AWARD**

1. GRANT/AGREEMENT NO. NRC-04-09-143	2. MODIFICATION NO. M007	3. PERIOD OF PERFORMANCE FROM: 7/13/2009 TO: 6/30/2012	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 Hi-Ed Institution DUNS: 790934285 NAICS: 611310	7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS UNIVERSITY OF MARYLAND OFFICE OF RESEARCH ADMINISTRATION & ADVANCEMENT 3112 LEE BUILDING COLLEGE PARK MD 207425100																			
8. PROJECT TITLE: Model-Based Human Reliability Analysis																					
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED June 12, 2009 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. Ali Mosleh Center for Risk and Reliability University of Maryland 3112 Lee Building College Park, MD 20742-5141																			
12. NRC PROGRAM OFFICE (NAME and ADDRESS) Robin Barnes, 301-251-7401 RES/DRA/CSB-MS:C4A07M 21 Church Street Rockville, MD 20850 Chris Hunter, Tech. Analyst	13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200.160 B&R NO: 2011-60-11-6-182 JOB CODE: K6874 BOC NO: 4110 OFFICE ID NO: RES-11-219 ESS: GR0022	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 <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;">THIS ACTION</td> <td style="text-align: right;">\$90,856.00</td> </tr> <tr> <td>PREVIOUS OBLIGATION</td> <td style="text-align: right;">\$576,000.00</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$666,856.00</td> </tr> </table>		THIS ACTION	\$90,856.00	PREVIOUS OBLIGATION	\$576,000.00	TOTAL	\$666,856.00	16. TOTAL FUNDING AGREEMENT <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;">NRC</td> <td style="text-align: right;">\$666,856.00</td> <td style="width:20%;"></td> <td style="width:60%;"></td> </tr> <tr> <td>RECIPIENT</td> <td style="text-align: right;">0.00</td> <td></td> <td>This action provides funds for Fiscal Year 2011 in the amount of \$188,856.00</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$666,856.00</td> <td></td> <td></td> </tr> </table>		NRC	\$666,856.00			RECIPIENT	0.00		This action provides funds for Fiscal Year 2011 in the amount of \$188,856.00	TOTAL	\$666,856.00		
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TOTAL	\$666,856.00																				
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. Signature Not Required		19. NRC CONTRACTING OFFICER <div style="text-align: right;">  (Signature) _____ (Date) 7/20/11 </div> NAME (TYPED) <u>Sheila Burpass</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

ADM002

DESCRIPTION OF MODIFICATION:

The purpose for modification number 007 is to:

1. Provide incremental funding in the amount of \$90,856.00;
2. Add Financial and Performance reporting requirements.

As a result of this modification:

1. The obligated amount of the grant has increased by \$90,856.00 from \$576,000.00 to \$666,856.00 to fully fund the grant;
2. In the Monitoring and Reporting section entitled "Federal Financial Reports" delete and replace with the following:

"b. Federal Financial Reports

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:

Federal Register Notice: http://www.whitehouse.gov/omb/fedreg/2008/081308_ffr.pdf

Federal Financial Report Form (SF-425): http://www.whitehouse.gov/omb/grants_forms/

The Recipient shall submit a Federal Financial Report (SF-425) on a quarterly basis, for the periods ending 3/31, 6/30, 9/30 and 12/31. Reports are due within 30 calendar days following the end of each reporting period. The reports must be emailed to Grants_FFR@nrc.gov. "

3. In the Programmatic Requirements section entitled "Performance (Technical) Reports" add the following:

"c. The required performance (technical) reports must be emailed to Grants_PPR@nrc.gov."

Base Period: July 13, 2009 – June 30, 2012

Assistance Award Ceiling: \$666,856.00

Total Obligated Amount: \$666,856.00