

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

1. GRANT/AGREEMENT NO. NRC-04-09-143	2. MODIFICATION NO. M009	3. PERIOD OF PERFORMANCE FROM: 07/13/2009 TO: 09/30/2012	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 Public State Controlled Institution of Higher Education 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 20742-5100 oraa@umd.edu																
8. PROJECT TITLE: Model-Based Human Reliability Analysis																		
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. Ali Mosleh University of Maryland 3112 Lee Building College Park, MD 20742-5100 Mosleh@umd.edu																
12. NRC PROGRAM OFFICE (NAME and ADDRESS) U.S. Nuclear Regulatory Commission Attn: Robin Barnes, Robin.BarnesRES@nrc.gov Mail Stop: CBS - C6 D20 21 Church Street Rockville, MD 20850 TA: Chris Hunter, Christopher.Hunter@nrc.gov	13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 2012-60-11-6-182 JOB CODE: K6874 BOC NO: 4110 OFFICE ID NO: RES-12-216 FAIMIS: RES-C12-216	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:30%;">THIS ACTION</td> <td style="width:30%; text-align: right;">\$0.00</td> </tr> <tr> <td>PREVIOUS OBLIGATION</td> <td style="text-align: right;">\$763,856.00</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$763,856.00</td> </tr> </table>	THIS ACTION	\$0.00	PREVIOUS OBLIGATION	\$763,856.00	TOTAL	\$763,856.00	16. TOTAL FUNDING AGREEMENT <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">NRC</td> <td style="width:30%; text-align: right;">\$763,856.00</td> <td style="width:40%;"></td> </tr> <tr> <td>RECIPIENT</td> <td style="text-align: right;">\$0.00</td> <td></td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">\$763,856.00</td> <td></td> </tr> </table> <p style="text-align: right; margin-top: 10px;">This action provides funds for Fiscal Year 2012 in the amount of \$00.00</p>			NRC	\$763,856.00		RECIPIENT	\$0.00		TOTAL	\$763,856.00	
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17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS) U.S. Nuclear Regulatory Commission Division of Contracts Attn: M'Lita R. Carr Mail Stop: TWB-01-B10M Washington, DC 20555 MLita.Carr@nrc.gov																		
18. Signature Not Required	19. NRC CONTRACTING OFFICER <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%; text-align: center;"><i>M'Lita R. Carr</i></td> <td style="width:40%; text-align: right;">06/08/2012</td> </tr> <tr> <td style="text-align: center;">(Signature)</td> <td style="text-align: right;">(Date)</td> </tr> <tr> <td>NAME (TYPED)</td> <td>M'Lita R. Carr</td> </tr> <tr> <td>TITLE</td> <td>Grants Officer</td> </tr> <tr> <td>TELEPHONE NO.</td> <td>(301) 492-3464</td> </tr> </table>			<i>M'Lita R. Carr</i>	06/08/2012	(Signature)	(Date)	NAME (TYPED)	M'Lita R. Carr	TITLE	Grants Officer	TELEPHONE NO.	(301) 492-3464					
<i>M'Lita R. Carr</i>	06/08/2012																	
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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 of this modification M009 is:

1. Extend the period of performance.

As a result of this modification:

1. The period of performance has been extended from 07/01/2012 to 09/30/2012 at no additional cost to the government. Box 3 of the Notice of Award entitled "PERIOD OF PERFORMANCE" is deleted and replaced with the following:

FROM: 07/13/2009 TO: 09/30/2012

Base Period: July 13, 2009 – September 30, 2012 (changed)

Total Agreement Amount: \$763,856.00 (unchanged)

Total Obligated Amount: \$763,856.00 (unchanged)

All terms and conditions remain the same.