

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

<b>1. GRANT/AGREEMENT NO.</b> NRC-HQ-12-G-04-0084	<b>2. MODIFICATION NO.</b> M005	<b>3. PERIOD OF PERFORMANCE</b> FROM: 09/28/2012 TO: 09/27/2014	<b>4. AUTHORITY</b> Pursuant to Section 31b and 141b of the Atomic Energy Act of 1954, as amended													
<b>5. TYPE OF AWARD</b>  <input checked="" type="checkbox"/> GRANT <input type="checkbox"/> COOPERATIVE AGREEMENT	<b>6. ORGANIZATION TYPE</b> State Public Institution of Higher Learning  DUNS: 847205572  NACIS: 611310	<b>7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS</b> Texas Engineering Experiment Station Texas A&M University Systems 1470 William D. Fitch Parkway College Station, TX 77845-4645 Email: awards@tamus.edu														
<b>8. PROJECT TITLE:</b> Testing of RCIC Performance for Mark I BWRs Under Prolonged Station Blackout Conditions																
<b>9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED</b>  AND APPENDIX A-PROJECT GRANT PROVISIONS	<b>10. TECHNICAL REPORTS ARE REQUIRED</b> <input type="checkbox"/> PROGRESS AND FINAL <input type="checkbox"/> FINAL ONLY <input checked="" type="checkbox"/> OTHER (Conference Proceedings)	<b>11. PRINCIPAL INVESTIGATOR(S) NAME, ADDRESS and EMAIL ADDRESS</b> Texas Engineering Experiment Station - Texas A&M University Systems Attn: Karen Vierow 1470 William D. Fitch Parkway College Station, TX 77845-4645 Email: Vierow@ne.tamu.edu														
<b>12. NRC PROGRAM OFFICE (NAME and ADDRESS)</b> NRC Attn: Heather Dempsey, <a href="mailto:Heather.Dempsey@nrc.gov">Heather.Dempsey@nrc.gov</a> Office of Regulatory Research MS: CS C6-D20, (301) 251-7666 11545 Rockville Pike Rockville, Maryland 20852 TA: Andrew Nosek, <a href="mailto:Andrew.Nosek@nrc.gov">Andrew.Nosek@nrc.gov</a>	<b>13. ACCOUNTING and APPROPRIATION DATA</b> APPN. NO: 31X0200 B&R NO: 2013-60-11-6-110 JOB CODE: G6025 BOC NO: 4110 OFFICE ID NO: RFPA:ADM RFPA	<b>14. METHOD OF PAYMENT</b> <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")														
<b>15. NRC OBLIGATION FUNDS</b>  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">THIS ACTION</td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td>PREVIOUS OBLIGATION</td> <td style="text-align: right;">\$132,765.00</td> </tr> <tr> <td><b>TOTAL</b></td> <td style="text-align: right;"><b>\$132,765.00</b></td> </tr> </table>		THIS ACTION	\$0.00	PREVIOUS OBLIGATION	\$132,765.00	<b>TOTAL</b>	<b>\$132,765.00</b>	<b>16. TOTAL FUNDING AGREEMENT</b>  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">NRC</td> <td style="text-align: right;">\$224,881.00</td> <td rowspan="3" style="vertical-align: top; padding-left: 20px;">                     This action provides funds for Fiscal Year FY2013                      in the amount of \$0.00                 </td> </tr> <tr> <td>RECIPIENT</td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td><b>TOTAL</b></td> <td style="text-align: right;"><b>\$224,881.00</b></td> </tr> </table>		NRC	\$224,881.00	This action provides funds for Fiscal Year FY2013 in the amount of \$0.00	RECIPIENT	\$0.00	<b>TOTAL</b>	<b>\$224,881.00</b>
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<b>17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS)</b>  U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Gordana Zuber, <a href="mailto:Gordana.zuber@nrc.gov">Gordana.zuber@nrc.gov</a> Mail Stop: 3WFN - 05C64M Rockville, MD 20852																
<b>18.</b> Signature Not Required	<b>19. NRC CONTRACTING OFFICER</b>  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%; text-align: center;"><i>M'Lita Carr</i></td> <td style="width:40%; text-align: right;">8/9/2013</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 Carr</td> </tr> <tr> <td>TITLE</td> <td>Grants Officer</td> </tr> <tr> <td>TELEPHONE NO.</td> <td>(301) 287-0909</td> </tr> </table>			<i>M'Lita Carr</i>	8/9/2013	(Signature)	(Date)	NAME (TYPED)	M'Lita Carr	TITLE	Grants Officer	TELEPHONE NO.	(301) 287-0909			
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<b>20. PAYMENT INFORMATION</b>  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).																
<b>21.</b> 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.																
<b>22. ORDER OF PRECEDENCE</b> In the event of a conflict between the recipient's proposal and this award, the terms of the Award shall prevail.																
<b>23.</b> By this award, the Recipient certifies that payment of any audit-related debt will not reduce the level of performance of any Federal Program.																

**JUNSI REVIEW COMPLETE**

**TEMPLATE - ADM001**

**ADM002**

**DESCRIPTION OF MODIFICATION:**

The purpose of this modification M005 is to:

1. To correct the revised budget issued on previous Mod (M004).

As a result of this modification:

1. ATTACHMENT A – SCHEDULE, Section A.3 BUDGET, delete in its entirety and replace with the following:

<b>Cost Category</b>	<b>Revised Budget</b>
Personnel	\$25,590
Fringe	\$5,349
Travel	\$1,383
Equipment	\$8,850
Supplies	\$34,337.20
Other	\$84,517
<b>Total Cost</b>	<b>\$160,026.20</b>
Indirect Cost	\$64,854.80
<b>Yearly Total</b>	<b>\$224,881</b>

Base Period: September 28, 2012 – September 27, 2014 (unchanged)

Assistance Award Ceiling: \$224,881.00 (unchanged)

Total Obligated Amount: \$132,765.00 (unchanged)

All other terms and conditions remain the same.