

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

1. GRANT/AGREEMENT NO. NRC-HQ-11-G-04-0060		2. MODIFICATION NO. M003		3. PERIOD OF PERFORMANCE FROM: 9/21/2011 TO: 8/31/2013		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 ED  DUNS: 001425594 NAICS: 811310		7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS  Massachusetts Institute of Technology 77 Massachusetts Avenue E18-901 Cambridge, MA 02139-4307			
8. PROJECT TITLE: Evaluating the Safety of Digital Instrumentation and Control Systems in Nuclear Power Plants							
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED  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 Nancy Leveson, Ph.D. Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, MA 02142 Email: <a href="mailto:leveson@mit.edu">leveson@mit.edu</a> , Phone: 617-258-0505			
12. NRC PROGRAM OFFICE (NAME and ADDRESS) 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 Tech Analyst: Luis Betancourt, <a href="mailto:Luis.Betancourt@nrc.gov">Luis.Betancourt@nrc.gov</a>		13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 2013-60-11-6-119 JOB CODE: G6018 BOC NO: 4110 OFFICE ID NO: RFPA: RES-13-219		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  THIS ACTION \$0.00  PREVIOUS OBLIGATION \$174,535.36  TOTAL \$174,535.36		16. TOTAL FUNDING AGREEMENT  NRC \$174,535.36  RECIPIENT \$0.00  TOTAL \$174,535.36  This action provides funds for Fiscal Year FY13 in the amount of \$0.00					
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS)  U.S. Nuclear Regulatory Commission Div. of Contracts Attn: M'Lita Carr Email: <a href="mailto:MLita.Carr@NRC.GOV">MLita.Carr@NRC.GOV</a> Mail Stop: TWB-01-B10M Rockville MD 20852							
18.  Signature Not Required				19. NRC CONTRACTING OFFICER  M'Lita Carr 3/29/13  (Signature) (Date) NAME (TYPED) M'Lita Carr  TITLE Contracting Officer  TELEPHONE NO. 301-492-3464			
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.							

**SUNSI REVIEW COMPLETE**

**TEMPLATE - ADM001**

**ADM002**

**DESCRIPTION OF MODIFICATION:**

The purpose of this modification M003 is:

1. Extend the period of performance; at no additional cost to the government.

As a result of this modification:

1.
  - A. Block 3 of the US Nuclear Regulatory Commission, Notice of Grant Assistance Award, delete in its entirety and replace with the following:  
  
"PERIOD OF PERFORMANCE  
FROM: 09/21/2011 TO: 08/31/2013"
  - B. ATTACHMENT A – SCHEDULE, Section A.2 PERIOD OF GRANT, delete in its entirety and replace with the following:  
  
"1. The effective date of this Grant is September 21, 2011. The estimated completion date of this Grant is August 31, 2013.  
  
2. Funds obligated in this grants are available for program expenditures for the estimated period: September 21, 2011 – August 31, 2013."

Base Period: September 21, 2011 – August 31, 2013 (changed)

Total Agreement Amount: \$174,535.36 (unchanged)

Total Obligated Amount: \$174,535.36 (unchanged)

All terms and conditions remain the same.