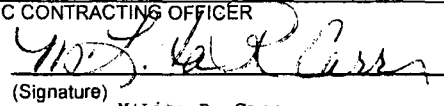


**U.S. NUCLEAR REGULATORY COMMISSION  
NOTICE OF GRANT/ASSISTANCE AWARD**

1. GRANT/AGREEMENT NO. NRC-04-09-142		2. MODIFICATION NO. M004		3. PERIOD OF PERFORMANCE FROM: 7/30/2009 TO: 7/15/2014		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 Non Profit Organization  DUNS: 041943176  NAICS: 813920		7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS AMERICAN NUCLEAR SOCIETY INCORPORATED A N S 555 N KENSINGTON AVE LA GRANGE PARK IL 605265592 pschroeder@ans.org			
8. PROJECT TITLE: Development of PRA Consensus Standards							
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 John M. Tuohy, Jr American Nuclear Society, Inc. 555 North Kensington Avenue LaGrange Park, IL 60526 TEL: 708-579-8200 jtuohy@ans.org			
12. NRC PROGRAM OFFICE (NAME and ADDRESS) ATTN: Heather Dempsey 21 Church Street MS: C6D20 Rockville, MD 20850 (301) 251-7666  Mary Drouin, TA (301)-251-7574		13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 2012-60-11-6-182 JOB CODE: G6875 BOC NO: 4110 OFFICE ID NO: RES-12-200 FAMIS: GR0202		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 \$20,000.00  PREVIOUS OBLIGATION \$160,000.00  TOTAL \$180,000.00		16. TOTAL FUNDING AGREEMENT  NRC \$225,000.00  RECIPIENT \$47,200.00  TOTAL \$272,200.00		This action provides funds for Fiscal Year 12 in the amount of \$20,000.00			
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS)  U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Chris Walston Mail Stop: TWB-01-B10M Rockville MD 20850 Chris.walston@nrc.gov							
18.  Signature Not Required				19. NRC CONTRACTING OFFICER   (Signature) NAME (TYPED) M'Lita R. Carr  TITLE Contracting Officer  TELEPHONE NO. 301-492-3464  4/8/2012 (Date)			
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 004 is:

1. Provide incremental funding in the amount of \$20,000.00;
2. To extend the period of performance;
3. Change the Project Officer;
4. Augment the Program Description.

As a result of this modification:

1. The obligated amount has increased by \$20,000.00 from \$160,000.00 to \$180,000.00.
2. The period of performance is extended from 07/31/2012 to 07/15/2014 at no additional cost to the government. Box 3 of the Notice of Award entitled "Period of Performance" is changed to read as follows: From: 07/30/2009 To: 07/15/2014.
3. Heather Dempsey has replaced Robin Barnes as the RES Project Officer.
4. In Attachment B- Program Description the section entitled "Project Objectives" add the following to the bulleted;
  - ANS RA S/ASME, "Standard for Level 1/Large Early release Frequency Probabilistic Risk Assessment for Nuclear Power Plant Applications". This provides PRA standards on spent fuel pools in response to the Fukushima incident and for technical editing for the covered standards.

Base Period: July 30, 2009 – July 15, 2014 (changed)

Total Grant Amount: \$272,200.00 (unchanged)

Total Obligated Amount: \$180,000.00 (changed)

All terms and conditions remain the same.