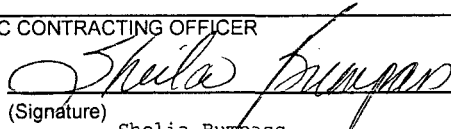


**U.S. NUCLEAR REGULATORY COMMISSION
NOTICE OF GRANT/ASSISTANCE AWARD**

1. GRANT/AGREEMENT NO. NRC-38-07-494		2. MODIFICATION NO. M005		3. PERIOD OF PERFORMANCE FROM: 09/01/2007 TO: 08/31/2011		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 044387793		7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS DUKE UNIVERSITY DUKE UNIVERSITY HOSPITAL 334 N BUILDING RESEARCH DR, DUKE UNIVERSITY DURHAM NC 277089900 gcmail@mc.duke.edu			
8. PROJECT TITLE: Development of Graduate and Professional Nuclear Training Modules and Radiation Physics Laboratory Exercise							
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED 08/01/2007 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 Terry T. Yoshizumi, PhD Associate Professor of Radiology Duke University Medical Center 334 N. Building Durham NC 27708 email: Yoshie003@mc.duke.edu			
12. NRC PROGRAM OFFICE (NAME and ADDRESS) U.S. Nuclear Regulatory Commission Office of Human Resources ATTN: Randi Neff, 301-492-2301 Mail Stop: W5-A6 Washington DC 20555 Randi.Neff@nrc.gov		13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 0-8415-5C1116 JOB CODE: T8453 BOC NO: 4110 OFFICE ID NO: HR-07-494		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 <u>\$0.00</u> PREVIOUS OBLIGATION <u>\$302,641.00</u> TOTAL <u>\$302,641.00</u>		16. TOTAL FUNDING AGREEMENT NRC <u>\$302,641.00</u> This action provides funds for Fiscal Year in the amount of <u>\$0.00</u> RECIPIENT <u>0</u> TOTAL <u>\$302,641.00</u>					
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: M'Lita R. Carr Mail Stop TWB-01-B10M Washington, DC 20555 MLita.Carr@nrc.gov							
18. Acceptance of or objections to the Terms and Conditions of Award must be Emailed to the NRC Issuing Office (Block #17) within three (3) business days following the Award issue date. NRC considers lack of response as acceptance by the grantee of the terms and conditions of award.				19. NRC CONTRACTING OFFICER <div style="text-align: center;"> (Signature) _____ (Date) <u>7/29/2010</u> NAME (TYPED) <u>Shelia Bumpass</u> TITLE <u>Contracting Officer</u> TELEPHONE NO. <u>(301) 492-3484 Shelia.Bumpass@nrc.gov</u></div>			
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 005 is to extend the period of performance from 09/01/2010 to 08/31/2011, at no cost to the government.

Base Period: September 1, 2007 – August 31, 2011

Assistance Award Ceiling: \$302,641.00

NRC Total Obligated Amount: \$302,641.00

All terms and conditions remain the same.