

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

1. GRANT/AGREEMENT NO. NRC-04-04-055	2. MODIFICATION NO. M003	3. PERIOD OF PERFORMANCE FROM: 03/08/2004 TO: 03/07/2007	4. AUTHORITY Pursuant to Section 31a 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	7. RECIPIENT NAME AND ADDRESS PENNSYLVANIA STATE UNIVERSITY SYSTEM 408 OLD MAIN UNIVERSITY PARK PA 168022150	
8. PROJECT TITLE: "MECHANISTIC UNDERSTANDING OF FAILURE OF HYDRIDED ZIRCALOY UNDER SEVERE LOADING CONDITIONS" This mod is for the obligation of \$29,000 in incremental funding as shown below.			
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED EN030467 02/27/04 AND APPENDIX A-PROJECT GRANT PROVISIONS	10. TECHNICAL REPORTS ARE REQUIRED <input type="checkbox"/> PROGRESS AND FINAL <input type="checkbox"/> FINAL ONLY <input type="checkbox"/> OTHER (Conference Proceedings)	11. PRINCIPAL INVESTIGATOR(S) NAME AND ADDRESS Dr. Arthur Motta Dept of Mechanical and Nuclear Engr The Pennsylvania State University 227 Reber Bldg University Park, PA 16808	
12. NRC PROGRAM OFFICE (NAME & ADDRESS) U.S. Nuclear Regulatory Commission Harold Scott Office of Nuclear Regulatory Research Mail Stop T-10 K8 Washington, DC 20555	13. ACCOUNTING & APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 56015111201 JOB CODE: G6923 BOC NO: 4110 OFFICE ID NO: RES-C05-339	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) (See Attach. 30 in Appendix A - "Electronic Payment")	
15. NRC OBLIGATION FUNDS THIS ACTION <u>\$29,000.00</u> PREVIOUS OBLIGATION <u>\$131,000.00</u> TOTAL <u>\$160,000.00</u>	16. TOTAL FUNDING AGREEMENT NRC <u>\$226,923.00</u> This action provides funds for Fiscal Year 05 in the amount of \$29,000 RECIPIENT <u>0</u> TOTAL <u>\$226,923.00</u>		
17. NRC ISSUING OFFICE (NAME AND ADDRESS) U.S. Nuclear Regulatory Commission Division of Contracts Two White Flint North - MS T-7-I-2 Attn: S. Pool Washington, DC 20555			
18. RECIPIENT _____ (Signature) <i>not needed</i> (Date) NAME (TYPED) _____ TITLE _____ TELEPHONE NO. _____		19. NRC CONTRACTING OFFICER <i>Stephen M. Pool</i> 5/5/05 (Signature) (Date) NAME (TYPED) <u>Stephen M. Pool</u> TITLE <u>Contracting Officer</u> TELEPHONE NO. <u>(301) 415-8168</u>	
20. PAYMENT INFORMATION Payment will be made within thirty (30) days after receipt of the billing unless the bill is improper or the recipient has failed to comply with the program objectives, award conditions, Federal reporting requirements or other conditions specified in OMB Circular A-110. Payment will be made by: _____ Vouchers should be submitted in an original and three (3) copies on form 270 to: U.S. Nuclear Regulatory Commission Payment Team Mail Stop T-9H4 Attn: (NRC-04-04-055) Washington DC 20555 U.S. Nuclear Regulatory Commission Division of Contracts Mail Stop T-7-I-2 Washington, DC 20555			
21. Attached is a copy of the "NRC General Provisions for Grants and Cooperative Agreements Awarded to Institutions of Higher Education and Other Nonprofit Organizations". 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

SISP REVIEW COMPLETE

ADM002