

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

1. GRANT/AGREEMENT NO. NRC-04-01-050	2. MODIFICATION NO. M004	3. PERIOD OF PERFORMANCE FROM: 04-09-01 TO: 12-31-05	4. AUTHORITY Pursuant to Section 31a and 141b of the Atomic Energy Act of 1954, as amended
5. TYPE OF AWARD <input type="checkbox"/> GRANT <input checked="" type="checkbox"/> COOPERATIVE AGREEMENT	6. ORGANIZATION TYPE	7. RECIPIENT NAME AND ADDRESS ELECTRIC POWER RESEARCH INSTITUTE 3412 HILLVIEW AVENUE PALO ALTO CA 943041395	

8. PROJECT TITLE:
Cooperative Irradiation-Assisted Stress Corrosion Cracking (IASCC) Research Program (CIRRII)


9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED 10-07-1999	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 AND ADDRESS Dr. Raj Pathania Corrosion Control Nuclear Power Division 3412 Hillview Avenue Palo Alto, CA 94304
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12. NRC PROGRAM OFFICE (NAME & ADDRESS) U.S. Nuclear Regulatory Commission Office of Nuclear Reactor Research Attn: Mr. William Cullen Washington, DC 20555 (301) 415-7510	13. ACCOUNTING & APPROPRIATION DATA APPN. NO: 31X0200.460 B&R NO: 46015110191 JOB CODE: K6266 BOC NO: 4110 OFFICE ID NO: RES-C04-334	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 Payment (See Attach. 30 in Appendix A - "Electronic Payment")
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15. NRC OBLIGATION FUNDS	16. TOTAL FUNDING AGREEMENT
THIS ACTION \$0.00	NRC \$840,000.00 This action provides funds for Fiscal Year 2005 In the amount of \$0.00
PREVIOUS OBLIGATION \$840,000.00	RECIPIENT -0-
TOTAL \$840,000.00	TOTAL \$840,000.00

17. NRC ISSUING OFFICE (NAME AND ADDRESS)

U.S. Nuclear Regulatory Commission
Div of Contracts
Two White Flint North - MS T-7-I-2
Washington, DC 20555

18. RECIPIENT	19. NRC CONTRACTING OFFICER
(Signature) _____ (Date) _____	(Signature)  (Date) 3/11/05
NAME (TYPED) _____	NAME (TYPED) Michael Mills
TITLE _____	TITLE Contracting Officer
TELEPHONE NO. _____	TELEPHONE NO. (301) 415-6550

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-9-H-4
Attn: (insert contract or order number)
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

**U.S. NUCLEAR REGULATORY COMMISSION
COOPERATIVE AGREEMENT
NRC-04-01-050
MODIFICATION NO. 4**

The purpose of this modification is to: (1) extend the period of performance; and (2) change the NRC project officer. Accordingly, the Cooperative Agreement is modified as follows:

1. Under Block No. 3 of the NRC Cooperative Agreement, the Cooperative Agreement Period is revised to read "4-9-01 to 12-31-05."
2. Under Block No. 12, of the NRC Cooperative Agreement, NRC Program Office (Name and Address), is hereby changed as follows:

U.S. Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
Attn: William Cullen, M.S. T-10E10
Washington, DC 20555
(301) 415-7510

All other terms and conditions remain the same.