

1. CONTRACT (FPMR Inst. Ident.) NO. **NRC-05-80-265** 2. EFFECTIVE DATE **6/2/80** 3. REQUISITION/PURCHASE REQUEST/PROJECT NO. 4. CERTIFIED FOR NATIONAL DEFENSE UNDER BDSA REG. 2 AND/OR DMS REG. 1. RATING

5. ISSUED BY **U. S. Nuclear Regulatory Commission** CODE **Division of Contracts**
Washington, DC 20555 6. ADMINISTERED BY **(If other than block 5)** CODE 7. DELIVERY POINT DESTINATION
 NATION
 OTHER (See Below)

8. CONTRACTOR NAME AND ADDRESS **General Electric Company** FACILITY CODE
175 Curtner Avenue
San Jose, CA 95125 9. DISCOUNT FOR PROMPT PAYMENT **Net**
10. SUBMIT INVOICES (4 copies unless otherwise specified) TO ADDRESS SHOWN IN BLOCK 12

11. SHIP TO/MARK FOR **U. S. Nuclear Regulatory Commission** CODE **Office of Inspection and Enforcement**
Attn: E. Fox
Washington, DC 20555 12. PAYMENT WILL BE MADE BY **U. S. Nuclear Regulatory Commission** CODE
Office of the Controller
Division of Accounting
Washington, DC 20555

13. THIS PROCUREMENT WAS ADVERTISED, NEGOTIATED, PURSUANT TO: 10 U.S.C. 2304 (a)(1) 41 U.S.C. 252 (c)(10)

14. ACCOUNTING AND APPROPRIATION DATA
31X0200.300 **B & R 30-19-06** **Fin. No. B1232** **\$41,000.00**

15. ITEM NO.	16. SUPPLIES/SERVICES	17. QUANTITY	18. UNIT	19. UNIT PRICE	20. AMOUNT
	BWP Nuclear Engineering Courses				

21. TOTAL AMOUNT OF CONTRACT **\$ 41,000.00**

CONTRACTING OFFICER WILL COMPLETE BLOCK 22 OR 26 AS APPLICABLE

22. CONTRACTOR'S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return 4 copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments are listed herein.)

26. AWARD (Contractor is not required to sign this document.) Your offer on Solicitation Number _____ including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the items listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award/contract. No further contractual document is necessary.

23. NAME OF CONTRACTOR **General Electric Company**
BY **J. G. Moore**
(Signature of person authorized to sign)

27. UNITED STATES OF AMERICA
BY **Kellogg V. Morton**
(Signature of Contracting Officer)

24. NAME AND TITLE OF SIGNER (Type or print)
J. G. Moore, Manager
Nuc. Svcs. Domestic Mktg. 25. DATE SIGNED **7/1/80**

28. NAME OF CONTRACTING OFFICER (Type or print)
Kellogg V. Morton 29. DATE SIGNED **7-1-80**

SCOPE OF WORK, TERMS AND CONDITIONS

ARTICLE I - STATEMENT OF WORK

A. OBJECTIVE

The objective of this contract is to provide NRC OIE Inspectors the technical training necessary to satisfy program requirements in the areas of core physics, thermal hydraulics and process computer software package for Boiling Water Reactors (BWR's) to help facilitate their inspection of BWR licensees in accordance with the NRC mission of protecting the public health and safety.

B. SCOPE

This training course will cover the details of core design, core management, fuel performance, process computer and the Preconditioning Interim Operating Management Recommendations (PCIOMR). The course will demonstrate their implementation and use through off-line simulation of actual cases encountered during BWR plant operation.

C. WORK STATEMENT

1. Course Title and Description

"BWR Nuclear Engineering"

A ten-day course of instruction for approximately fifteen (15) students. The first course is to be taught at NRC facilities located in Bethesda, Maryland. Additional courses, at NRC's option, may be taught at the Bethesda location or the Contractor's facilities.

2. Task Statement

The Contractor shall furnish two qualified instructors, facilities (when required), materials, texts and services to prepare and teach the course as outlined in Attachment A.

3. Report Requirements

A letter report (3 copies) within two weeks after the completion of each course conducted, to include as a minimum, progress of the class and recommended changes in the course curriculum, if any.

ARTICLE II - PERIOD OF PERFORMANCE

The period of performance under this contract is from June 2, 1980 through June 25, 1982.

ARTICLE III - CONSIDERATION AND PAYMENT

In full consideration of the Contractor's presentation of the following courses, NRC shall pay the Contractor the sums delineated below in accordance with Article 7 of the General Provisions entitled 'Payments.'

- A. BWR Nuclear Engineering Course (June 2-13, 1980) - \$20,500.00
- B. BWR Nuclear Engineering Course (December 1-12, 1980) - \$20,500.00

Payment shall be made on a per course basis at the completion of each course. The NRC shall render payment to the Contractor in approximately thirty (30) days after submission of proper and correct invoices or vouchers.

ARTICLE IV - TECHNICAL DIRECTION AND AUTHORIZED REPRESENTATIVE

The Contracting Officer may designate an authorized representative under this contract for the purpose of assuring that the services required under the contract are ordered and delivered in accordance therewith. Any technical instructions issued shall be signed by the authorized representative of the NRC. As used herein, technical instructions are instructions to the Contractor which provide details, suggest possible lines of inquiry, or otherwise complete the general scope of work or set forth herein, and shall not constitute new assignments of work or changes of such a nature as to justify an adjustment in fixed fee, cost or performance schedule. Such representative as may be appointed will be specifically designated in writing to the Contractor from the Contracting Officer, including the extent of such designee's authority.

Mr. Edwin Fox of NRC's Office of Inspection and Enforcement is the Authorized Technical Representative under this contract.

ARTICLE V - OPTION FOR ADDITIONAL COURSE

This contract has an option for the presentation of additional courses in BWR Nuclear Engineering as described in Article I - STATEMENT OF WORK. The dates for presentation of these courses are June, 1981 and June, 1982. The consideration to be provided the Contractor for performance of the work set forth in this option shall be (as agreed upon by the parties).

This option shall be exercised by the Contracting Officer who will provide notice of same to the Contractor in writing sixty (60) days prior to the scheduled date for presentation of the course.

It is expressly understood and agreed by the parties hereto that regardless of custom and usage in administration of this contract, only the Contracting Officer may give notice exercising the option as prescribed by this ARTICLE.

ARTICLE VI - GENERAL PROVISIONS

The General Provisions of this contract consist of the "General Provisions

Fixed Price Supply Contract, " dated February 15, 1978, attached hereto, and by this reference, made a part hereof except as follows:

- (a) Article 42, Dissemination of Contract Information, of the GENERAL PROVISIONS is applicable to this Contract No. NRC-05-80-265.

ATTACHMENT A
BWR NUCLEAR ENGINEERING
COURSE OUTLINE

<u>Day No.</u>	<u>Day of Week</u>	<u>AM</u>	<u>PM</u>
1	M	Technology Review	Technology Review
2	T	Thermal Limits	Process Computer
3	W	Process Computer	Process Computer
4	Th	Process Computer	Process Computer
5	F	Process Computer	Control Rod Pattern and Sequence Development
6	M	Core Design	Core Management
7	T	Fuel Design	Fuel Performance
8	W	PCIOMR	PCIOMR
9	Th	PCIOMR	PCIOMR
10	F	PCIOMR	PCIOMR