

1. AMENDMENT/MODIFICATION NO. <b>3 Three</b>	2. EFFECTIVE DATE <b>AUG 13 1979</b>	3. REQUISITION/PURCHASE REQUEST NO.	4. PROJECT NO. (If applicable)
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U.S. Nuclear Regulatory Commission Division of Contracts Washington, D. C. 20555		5. ADMINISTERED BY	6. CONTRACT NO.
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7. CONTRACTOR NAME AND ADDRESS  Teknekron, Inc. 1483 Chain Bridge Road McLean, VA 22101	CODE	FACILITY CODE	8. AMENDMENT OF SOLICITATION NO. <input type="checkbox"/>	DATED _____ (See block 9)
(Street, city, county, state, and ZIP Code)			<input checked="" type="checkbox"/> MODIFICATION OF CONTRACT/ORDER NO. <b>NRC-05-78-302</b>	DATED <b>11/10/77</b> (See block 11)

9. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in block 12. The hour and date specified for receipt of Offers  is extended,  is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods:

(a) By signing and returning \_\_\_\_\_ copies of this amendment; (b) by acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

10. ACCOUNTING AND APPROPRIATION DATA (If required)

NR 31X0200.309      B&R NO. 30-19-07-01      FIN NO. B1251      \$29,802.00

11. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS

(a)  This Change Order is issued pursuant to \_\_\_\_\_  
The Changes set forth in block 12 are made in the above numbered contract/order.

(b)  The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12.

(c)  This Supplemental Agreement is entered into pursuant to authority of 41 U.S.C. 252(c)(10)  
It modifies the above numbered contract as set forth in block 12.

12. DESCRIPTION OF AMENDMENT/MODIFICATION

The purpose of this modification is to modify the Statement of Work, extend the period of performance, and provide additional funding.

Accordingly, the following changes are made:

I. Article I - Statement of Work, the following is added as an additional task:

A. Task V - Perform licensee performance analysis on selected licensees based upon Licensee Event Reports


The Contractor will perform analysis of the performance of the licensees listed in Tables 1 and 2. This analysis will incorporate the methodology developed during Phase II of this Contract, and shall use individual Licensee Event Reports as input. The analysis shall include an assessment of the following:

- how well personnel operate the Babcock and Wilcox plants in both startup and operational phases, and

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except as provided herein, all terms and conditions of the document referenced in block 8, as heretofore changed, remain unaltered and in full force and effect.

CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT       CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 4 COPIES TO ISSUING OFFICE

13. NAME OF CONTRACTOR/OFFEROR <b>James A. Powers</b>	14. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)
15. NAME AND TITLE OF SIGNER (Type or print) <b>JAMES A. POWERS GROUP LEADER</b>	16. DATE SIGNED <b>8/13/79</b>
17. NAME OF CONTRACTING OFFICER (Type or print) <b>Kellogg V. Morton</b>	18. DATE SIGNED <b>8-22-79</b>

the possible patterns of events that reveal equipment or design features in Babcock and Wilcox plants that differ from other vendor's plants, and that may affect their operation.

(a) Subtasks V A.

Analyze the first eighteen months of licensed operation (startup) of each of the Babcock and Wilcox plants listed in Table 1. The analysis for Three Mile Island Unit No. 2 should cover the entire period of licensed operation.

(b) Subtask V B.

Analyze the most recent one year period of operation of each of the Babcock and Wilcox plants listed in Table 2. The analysis for Davis Besse 1 should cover the period of operation from eighteen months after startup until the present time.

B. Schedule

Task No. V shall be completed within seventy (70) days of the effective date of the Contract modification as follows:

Subtask No. V A is to be completed within thirty-five (35) days of Contract modification.

Subtask No. V B is to be completed within thirty (30) days after notice to proceed from the Contracting Officer's Authorized Technical Representative.

C. Report Requirements

Reports required under this task shall have the format of Appendix A of the Phase II Report under this Contract.

Subtask V A Report is due within thirty-five (35) days of Contract modification.

Subtask V B Draft Report is due within seventy (70) days of Contract modification.

Copies of these reports will be provided to the Contracting Officer (1 copy) as well as the Authorized Technical Representative (5 copies).

The Final Report for Task No. V in the form of a photo-ready manuscript and other requirements for this manuscript shall be as described in NRC Manual Chapter 3202. The Final Report, incorporating IE comments, will be delivered on or before November 2, 1979.

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II. Article II - Period of Performance, as modified by Modification No. 2, is changed to read as follows:

"The period of performance under this contract is November 10, 1977 through November 2, 1979."

III. Article III - Consideration, Paragraph A, Estimated Cost and Fixed Fee Subparagraph 1 is changed to read:

"1. It is estimated that the total cost to the Government for full performance of this contract will be \$199,479.00 of which \$182,172.00 represents the estimated reimbursable costs, and of which \$17,307.00 represents the fixed fee.

Subparagraph 3 is changed to read:

"3. The amount obligated by the Government in this Modification No. 3 is \$29,802.00, of which the sum of \$27,216.00 represents the estimated reimbursable costs, and of which \$2,586.00 represents the fixed fee."

IV. The contract amount is hereby increased by \$29,802.00 from \$169,677.00 to \$199,479.00 by reason of this modification.

V. The Contractor's proposal, dated June 20, 1979 is incorporated by this reference and hereby made a part of this contract.

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TABLE 1

Crystal River 3.

Davis Besse 1

Oconee 1

Oconee 2

Oconee 3

Rancho Seco 1

Three Mile Island 1

Three Mile Island 2

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TABLE 2

Davis Besse 1

Oconee 1

Oconee 2

Rancho Seco 1

Three Mile Island 1

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