

SUPPLEMENTAL AGREEMENT  
BETWEEN  
ARIZONA BOARD OF REGENTS UNIVERSITY OF ARIZONA  
AND  
THE U. S. NUCLEAR REGULATORY COMMISSION

THIS SUPPLEMENTAL AGREEMENT, effective the 1st day of October , 1978, by and between the UNITED STATES OF AMERICA (hereinafter referred to as the "Government"), as represented by the UNITED STATES NUCLEAR REGULATORY COMMISSION (hereinafter referred to as the "Commission"), and ARIZONA BOARD OF REGENTS UNIVERSITY OF ARIZONA (hereinafter referred to as the "Contractor"),

WITNESSETH THAT:

WHEREAS, the Contractor has been performing work under Contract No. AT(49-24)-0250

WHEREAS, the Commission desires to assign a new contract number NRC-04-74-250 to said contract; and

WHEREAS, the parties desire to modify Contract No. NRC-04-74-250 as hereinafter provided, and this supplemental agreement is authorized by law, including the Energy Reorganization Act of 1974, as amended, and the Atomic Energy Act of 1954, as amended.

NOW, THEREFORE, said contract is hereby modified as follows:

1. Appendix A, attached to this supplemental agreement and made a part hereof, provides for the research to be performed by the Contractor during the contract period specified therein.
2. In Article II - The Period of Performance, the date "September 30, 1979" is substituted for the date "September 30, 1978".
3. In Article III - Consideration, the sum "\$394,217.00" is substituted for the sum "\$281,226.00".

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IN WITNESS WHEREOF, the parties have executed this document.

UNITED STATES OF AMERICA

BY: *[Signature]*

Kellogg V. Morton  
Contracting Officer  
(title)

Nuclear Regulatory Commission  
Arizona Board of Regents  
University of Arizona

BY: *[Signature]*

Sherwood E. Carr, Treasurer and  
Contracting Officer  
(title)

I, James T. Wheeler, certify that I am the  
(attester)

Director of Sponsored Projects Services of the Contractor named  
(title)

under this document; that Sherwood E. Carr  
(signatory)

who signed this document on behalf of said Contractor was then  
Treasurer and Contracting Officer of said Contractor; that  
this document was duly signed for and on behalf of said Contractor by  
authority of its governing body and is within the scope of its legal  
powers.

IN WITNESS WHEREOF, I have hereunto affixed my hand and the seal of  
said Contractor.

*[Signature]*  
James T. Wheeler, Director  
Sponsored Projects Services

(SEAL)

CONTRACTOR: ARIZONA BOARD OF REGENTS UNIVERSITY OF ARIZONA

APPENDIX A

For the Contract period October 1, 1978 through September 30, 1979

Article A-I RESEARCH TO BE PERFORMED BY CONTRACTOR

(a) The scope of work under this contract is unclassified and shall be in accordance with Contractor's proposal entitled, "Dynamic Studies of Liquid Metal Fast Breeder Reactors and Nuclear Power Plants," 79-NE-1 which is incorporated herein by reference.

(b) The Principal Investigator expects to devote the following approximate amount(s) of time to the contract work:

11% of his time for 9 months and 33% of his time for 3 months

ARTICLE A-II WAYS AND MEANS OF PERFORMANCE

(a) Items for which support will be provided as indicated in A-III, below

(1) Salaries and Wages \$ 71,035

(2) Equipment to be purchased or  
fabricated by the Contractor \$ -0-

(3) Travel  
(i) Domestic \$ 4,250

(ii) Foreign \$ -0-

(4) Other direct costs including fringe benefits

(5) Indirect costs based on a predetermined rate of 37 percent applicable  
to Total Direct Costs

- (b) Items, if any, significant to the performance of this contract, but excluded from computation of Support Cost and from consideration in proportioning costs:

NONE

- (c) Time or effort of Principal Investigator(s) including indirect costs and fringe benefits contributed by Contractor but excluded from computation of Support Cost and from consideration in proportioning costs:

NONE

#### Article A-III

The total estimated cost of items under A-II(a) above for the contract period stated in this Appendix A is \$136,991.00 ; the Commission will pay 100 percent of the actual costs of these items incurred during the contract period stated in this Appendix A, subject to the provisions of Article III and Article B-XXVIII. The estimated NRC Support Cost for the contract period stated in this Appendix A is \$136,991.00 .

The estimated NRC Support Cost is funded as follows:

- |   |                      |
|---|----------------------|
| (a) Estimated unexpended balance from prior period(s)   | \$ <u>24,000.00</u>  |
| (b) New funds for the current period  | \$ <u>112,991.00</u> |
| (c) The new funds being added in A-III(b) constitute the basis for advance payments provided under Article B-X. |                      |