

SUPPLEMENTAL AGREEMENT  
BETWEEN  
THE UNIVERSITY OF MINNESOTA  
AND  
THE U. S. NUCLEAR REGULATORY COMMISSION

THIS SUPPLEMENTAL AGREEMENT, effective the 1st day of July , 1980, 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 THE UNIVERSITY OF MINNESOTA (hereinafter referred to as the "Contractor"),

WITNESSETH THAT:

WHEREAS, the parties desire to modify Contract No. NRC-04-76-289 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 "June 30, 1981" is substituted for the date "June 30, 1980".
3. In Article III - Consideration, the sum "\$209,008.00" is substituted for the sum "\$189,708.00".

IN WITNESS WHEREOF, the parties have executed this document.

UNITED STATES OF AMERICA

BY: [Signature]  
Kellogg V. Morton, Chief  
Research Contracts Branch  
Division of Contracts  
U. S. Nuclear Regulatory Commission

THE UNIVERSITY OF MINNESOTA

BY: [Signature]  
A. R. POTAMI, DIRECTOR  
OFFICE OF RESEARCH ADMINISTRATION  
(title)

I, Duane A. Wilson, certify that I am the  
(attester)

Secretary, Board of Regents  
(title)

of the Contractor named under this

document; that A.R. Potami who signed this  
(signatory)

document on behalf of said Contractor was then Director, Research Administration

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.

(SEAL)

[Signature]  
Duane A. Wilson  
Secretary  
Regents of the University of Minnesota

CONTRACTOR: THE UNIVERSITY OF MINNESOTA

APPENDIX A

For the Contract period July 1, 1980 through June 30, 1981

Article A-I RESEARCH TO BE PERFORMED BY CONTRACTOR

- (a) The unclassified scope of work under this contract entitled, "Seismicity and Tectonic Relationships for Upper Great Lakes Precambrian Shield Province" is as follows:

The primary emphasis will be given to routine operation of the Central Minnesota Seismograph Array (CMSA), making sure that the system is running at full capability.

"Routine operation" will include study of every event: teleseismic, local earthquake, mine blast, or other. Full analysis will be carried out where appropriate. A permanent file of records from every event will form part of the documentation.

Every local event will be reported upon individually, with particular emphasis on location, magnitude, and relationship to known seismicity and tectonics.

Special geophysical research will be carried out based on CMSA data using combined funding from NRC and other sources.

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

100% of his time for 1 month

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 \$ -0-

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

(3) Travel  
(i) Domestic \$ 1,800.00

(ii) Foreign \$ -0-

(4) Other 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:

100% of his time for 1 month, including fringe benefits and indirect costs

Article A-III ESTIMATED NRC SUPPORT COST

The total estimated cost of items under A-II(a) above for the contract period stated in this Appendix A is \$ 19,300.00 ; 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 \$ 19,300.00 .

The estimated NRC Support Cost is funded as follows:

- |   |              |
|---|--------------|
| (a) Estimated unexpended balance from prior period(s)   | \$ -0-       |
| (b) New funds for the current period  | \$ 19,300.00 |
| (c) The new funds being added in A-III(b) constitute the basis for advance payments provided under Article B-X. |              |