

B. PWR Ice Compartment Containment

For the Sequoyah plant, the Contractor shall continue the analyses for the selected accident sequences, S₂HF, TML, and TMLB. The thermal hydraulic calculations shall be completed by the end of July, so that Contractor's efforts on this plant design shall consider the analyses of release from the fuel primary system and fission product transport and deposition. The Contractor shall include revisions to the NAUA or TRAP-CONT code to permit calculations for this plant design because of the compartmentalized containment and additional deposition mechanisms within the ice beds. The Contractor shall include the results of the analyses in a draft report, BMI-2104, Vol. IV, to be completed by August 31, 1983.

C. PWR Large, Dry Containments

The Contractor shall perform analyses of the Surry and Zion plants with updated computer codes in this effort. The Surry plant was considered previously (BMI-2104, Volume I) but newer codes and additional information (MARCH 2 and actual upper plenum geometry) shall be employed in at least two re-analyzing the sequences AB, TMLB', S₂D, and V. The Contractor shall select sequences to be analyzed for Zion plant (TMLB and V are likely sequences). The results of these calculations shall form BMI-2104, Volumes V and VI, which shall be completed in draft form by September 30, 1983.

D. TRAP-MELT Validation

The Contractor shall maintain cognizance of experimental programs which are expected to provide data in support of TRAP-MELT 2 validation. In addition, review of experimental plans and recommendations for experimental conditions shall be continued as needed.

E. Schedule

The schedule for the various activities is given by the dates for report submissions noted above. A draft version of BMI-2104, Volume IV, is to be completed by August 31, 1983 and of Volumes V and VI by September 30, 1983.

II. Regarding ARTICLE III - CONSIDERATION AND PAYMENT, Section A, ESTIMATED COST, FIXED FEE AND OBLIGATION:

A. Under Paragraph No. 1 the following changes are made:

The Total Estimated Cost is increased by \$248,006.00 from \$2,167,007.00 to \$2,415,013.00.

The Estimated Reimbursable Costs are increased by \$227,926.00 from \$2,011,450.00 to \$2,239,376.00.

The Total Fixed Fee is increased from \$136,147.00 by \$20,080.00 to \$156,227.00.

The Facilities Capital Cost of Money is increased by \$10,346.00 from \$58,282.00 to \$68,628.00.

B. Paragraph 2 is revised to read:

Total funds currently available for payment and allotted to this contract are \$2,415,013.00 of which the sum \$2,239,376.00 represents the estimated reimbursable costs, and of which \$156,227.00 represents the fixed fee.