SECTION IV. TASK 4. APPLICATION OF INTEGRATED CODES

Objective

The objective of this task are to evaluate the integrated comprehensive codes for pulverized coal and fixed-bed reactors and to apply the codes to selected cases of interest to METC.

Task Outline

This task will be accomplished in two subtasks, one for the entrained-bed lasting 45 months and one for the fixed-bed lasting 36 months. Each of these subtasks will consists of three components: 1) Simulation of demonstration cases on BYU computers; 2) Implementation on a work station at AFR (the Sun workstation has been chosen); and 3) Simulation of demonstration cases on the workstation.

IV.A. SUBTASK 4.a. - APPLICATION OF GENERALIZED PULVERIZED COAL COMPREHENSIVE CODE

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Objective

Implement the comprehensive entrained-bed code developed in Task 3 at AFR. Simulate reactors of interest to METC.

Accomplishments

No work was scheduled.

IV.B. Subtask 4.b. - Application of Fixed-Bed Code

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Objective

Simulate coal conversion reactors of interest to METC.

Accomplishments

No work scheduled.