Final CRADA Report
for
CRADA Number Y-1293-0209

SUPERINSULATION IN WALLS OF FACTORY-BUILT HOMES

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Abstract
This project sought to evaluate the thermal performance of wall sections containing powder-filled evacuated panel superinsulations. The project would result in practical designs for the use of superinsulations in wall cavities, thermal performance data for superinsulated wall sections, and a cost/benefit analysis of the use of superinsulated walls.
CRADA Objectives
Superinsulation inserts provided by Lockheed Martin Energy Systems, Inc. (LMES) were to be installed in three types of wall elements designed and fabricated by Hal-Bilt Homes. These wall panels were then to be evaluated in a guarded or calibrated hot-box. Economic evaluation of the panels was to be preformed by Hal-Bilt. This CRADA was terminated in January 1995 as a result of the Partner’s bankruptcy and prior to any significant work by the Partner on this agreement.

DOE Benefits
DNA

Technical Details
Due to early termination not all of the technical milestones were met. Those that were met basically fell in the area of planning the test sequence, visits by superinsulation manufacturers to LMES, and receipt of the initial superinsulation specimens.

Inventions Made or Reported
No inventions were made or reported.

Commercialization Possibilities
There were no commercialization possibilities.

Plans for Future Collaboration
None

Conclusions
The partners developed no technical conclusions.