

**Victorian Village Investments, Inc.**

P.O. Box 865  
1930 S. Main Street  
Lakeport, CA 95453

**DOCKET**

**10-BSTD-01**

DATE AUG 08 2011

RECD. AUG 30 2011

August 8, 2011

California Energy Commission  
1516 Ninth Street  
Sacramento, CA 95814

Re: Closed cell spray foam in unvented attic assemblies-SFD

To whom it may concern:

Victorian Village Investments is the developer of a SFD subdivision with a Victorian theme and design. The climatic zone of Lake County requires above average insulation. I had studied and experimented with spray foam for over 8 years prior to offering it in new homes. In 2007, the first three homes were built utilizing closed cell spray foam. The results greatly exceeded my expectations. Even the HERS rater/inspector commented on how well the homes tested. While the foam is certainly an excellent thermal, wind, and moisture barrier, it is also an incredibly effective vapor barrier. Summer heat or winter cold, the attic temperature remains constant as the living room. Comparing older 1440 square foot homes, (all electric, heat pump), with the new 1575 square foot(all electric, heat pump), the average monthly electric bill dropped from \$205 to \$95 with 2 occupants. Both the owners and renters are smiling! Inspecting the attics after 4 years reveals how well the foam has not only protected the HVAC equipment, but the wood, wiring, plumbing, and the roofing deck(inside and outside) still look almost new. Sealing the attic has kept out the insect pests, moisture/vapor pests, dirt/pollution pests and will certainly keep out "sparky" pests, should the need arise!

Sincerely,



William S. Irwin  
President, VVII