

Senator Tom Ward fights to keep center for disturbed children

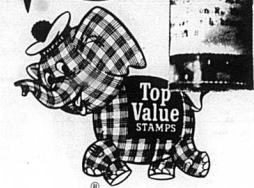
Four years ago, the Lexington Re-Ed Center was established as a pilot program for treating emotionally disturbed children in 17 counties of the Bluegrass area. The need for the program is critical. It is estimated that there are 7,000 to 13,000 children in these counties with emotional problems who need special attention. Despite the urgent need and high degree of success, the program is threatened with a loss of funds. The State Bureau of Health Services which administers federal title funds by which the program has been financed, claims

Solar energy-heated house nears completion

GREENVILLE, S.C.—Construction of a medium-priced, three-bedroom family dwelling heated by solar energy is well advanced. The U.S. Department of Agriculture's Agricultural Research Service (ARS), is nearing completion. The completely insulated attic of the house serves as the solar collector and a 12-inch thick layer of crushed rock beneath the floor slab serves as a heat storage tank. The house is conventional in all other respects. The heating system is simple in design. Two layers of translucent fiberglass replace conventional roofing on the south slope and transmit sunshine or solar energy into the attic where it is absorbed by a black plywood floor. This heats the air in the attic and the heated air is circulated to heat the house and the rocks beneath the house. The heated rocks can store a four-day supply of heat to warm the house at night and during cloudy or rainy weather. The solar heated house was designed

at the ARS Rural Housing Research Unit, Clemson, S.C., by architect Harold F. Zornig. It is part of the ARS effort to lower the operating costs of rural housing with a low-cost, low-maintenance heating system using solar radiation as the energy source. Such a heating system could be modified to match the demands of other geographic and climatic areas. Mr. Zornig predicts that at least 75 percent of the cost of the heating load during the coldest month in Greenville can be supplied by solar energy. To meet the small need for extra heat during the heating season a slightly larger than normal hot water heater is used as an auxiliary heat source. Hot water is automatically pumped from the hot water supply to a heat exchanger in the air distribution system when and if the house has no solar heat in the attic or in storage. The rocks that are used as a heat storage tank in winter can keep the house at a pleasant daytime temperature during the warm months. This is achieved by bypassing the heat from the solar collector and allowing the rocks to cool at night. Hello-Therm Inc., builders of the house, is cooperating with ARS in the project. The Greenville firm developed the solid-state electronic controller which operates the house's energy conserving system. The ARS Rural Housing Research Unit will monitor the performance of the prototype house through four seasons starting this winter, according to Mr. Zornig. Performance during the year will be measured while the house is occupied. Although designed by ARS and built to ARS specifications, construction is being done by the Greenville firm for a local resident who contracted for the house. The owner has agreed to allow installation of the instrumentation necessary to properly monitor the heating and cooling system. The prototype house has a calculated average heat loss of 216,000 BTU per day in the Greenville area in January. In this same month there should be available a calculated 657 BTU per day of solar energy per square foot of transparent roof, assuming the prototype house will have the same 48 percent attic collector efficiency as a small test house previously built by the Rural Housing Research Unit. With a collection area of 442 square feet, the solar system should provide an estimated 201,994 BTU per day, or 94 percent of the heat needed. Mr. Zornig says, however, that because of loss of heat through the storage system, the predicted 75 percent supply of solar heat would not meet heating loads in January probably more realistic.

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Saltwell

Mr. and Mrs. Freddie Gaunce spent Monday with Mr. and Mrs. Ronnie Gaunce and family of Sunrise. Mr. and Mrs. James T. Garwin, Mrs. Eva Snapp, Mr. and Mrs. Glenn Carter of Paris, Mr. and Mrs. Lewis Connelly, also of Paris and Everett Snapp, dined with Mr. and Mrs. Russell Mattox and Mrs. Mae Rütchle during the Christmas holidays. Kenney Gaunce and Timmy Gum spent several days of the past week with Mr. and Mrs. Freddie Gaunce. Mrs. Stanley W. Caswell and Mrs. Woodrow Gaunce, Carlisle, spent Friday with Mr. and Mrs. H.A. Gaunce and Norma. Mr. and Mrs. Kenneth Gaunce were also supper guests of the Gaunces.

Miss Suzanne Kenney spent several days of the past week with Mr. and Mrs. Chester Mattox and family. Mrs. Bill Rütchle of Lake Road spent Friday with Mrs. Gladys Kenney. Miss Mary F. Hall spent several days recently with Mr. and Mrs. Cecil Hall and son of Nicholasville. Mrs. Eugene Wagener and Roy Spang accompanied Gene Wagener to Lexington on Friday to see his doctor. He remains about the same. Mr. and Mrs. Fred Hollar spent Friday with Mr. and Mrs. Jim Wilson and Mike in Carlisle. Mike spent several days of the past week with the Hollars. Leslie Ann Riggs of Lexington spent several days of the past week with Mr. and Mrs. Donald Riggs and family. Mr. and Mrs. John T. Garwin entertained the following with a dinner recently: Mr. and Mrs. Clark Garwin and Mr. and Mrs. Leroy Earlywine, Mr. and Mrs. Russel Mattox, Mrs. Mae Rütchle, Everett Snapp, Mr. and Mrs. David Carter and Jeff, Mr. and Mrs. Allen Flora and son Jonathan and Mrs. Eva Snapp. Mr. and Mrs. Roy Snapp, Mr. and Mrs. Fred Hollar, Rev. Arnold Harris, Mrs. Valda Earlywine and the Gaunces were among those visiting with Mr. and Mrs. Gene Wagener and family the past week. Mr. and Mrs. Bill Emmons and son

troys of Flemingsburg dined with Mr. and Mrs. Jim Wilson on Sunday. Mr. and Mrs. Kenney Gaunce were Saturday night visitors of Mr. and Mrs. Gary Hollar and children. Miss Suzanne Kenney visited with Mrs. Gladys Kenney on Thursday. They both visited with Mr. and Mrs. O.M. Rütchle of Lake Road in the afternoon. Mrs. Ruby Boone and Mrs. Evelyn Osborne of Helena visited Mrs. Thomas Gaunce on Tuesday afternoon. Joanna Mattox spent Saturday night and Sunday with Mr. and Mrs. Vaughan Mattox. Raymond Wesley of Lexington visited Mr. and Mrs. Martin Freback on Sunday afternoon. Debbie Knipperberg spent several days of the past week with her grandmother, Mrs. Alice Roberts of Little Rock. Mr. and Mrs. Donald Gaunce and Greg, Mrs. Woodrow Gaunce, Mr. and Mrs. David Gaunce and family were in the New Year day dinner guests of Mr. and Mrs. Andrew Gray. They also visited with Mr. and Mrs. H.A. Gaunce earlier in the day. Struder Hollar visited Mr. and Mrs. Walter Gaunce on Thursday. Mr. and Mrs. Ray Layne Hollar visited

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enjoys an effective success rate of 80-85%. If this program were terminated, school officials and families would be hard pressed to provide treatment for such children. For example, in the four years of the program, 81 children from Nicholas county have been treated, an average of 15 per year. We must keep this Re-Ed program for the Bluegrass and we must expand it to all 17 counties (at present only these 17 counties and Jefferson county have a program for treating emotionally disturbed children) within school district in the state, as a result of a 1974 court action, is required to provide an education for emotionally disturbed children. A statewide program will require between \$15 and \$30 million annually. This is a lot of money. But it will cost us more later if we do not provide this urgently needed treatment when children are young. I know of no program where our dollars can do more good.

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