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Media Advisory

## AIKEN COUNTY HABITAT FOR HUMANITY AND WASHINGTON SAVANNAH RIVER COMPANY TO DEDICATE “GREEN BUILD” HOUSE

AIKEN, S.C. (Oct. 16, 2007) – News media representatives are invited to a dedication ceremony marking the completion of the first Habitat for Humanity earth-friendly, energy-efficient home.

The ceremony will be held Friday, Oct. 19, 1:30 p.m., at the home, located in the Warren Ridge subdivision in Aiken, S.C. (Directions to the home are listed at the end of this advisory.)

The house was built through a partnership between Washington Savannah River Company (WSRC) and Aiken County Habitat for Humanity. The team began constructing the “green” house in June. The home uses ecologically responsible building methods that result in homes that are healthier for the environment and for those who live in them.

WSRC senior management, including WSRC President Leo Sain, members of the Aiken County Habitat for Humanity Board of Directors and community officials will participate in the ceremony.

The “green” building program aims to reduce the operating costs of this home, conserve water and energy, improve resource efficiency and minimize construction waste. This Habitat for Humanity home was built as a model in order to show that energy savings and environmentally friendly features can be affordably included in a low-income home. These are all features that Habitat plans to incorporate into its future home construction projects while striving to keep the costs affordable for the low-income community that it serves.

(more)

### **The WSRC Team:**

Washington Savannah River Company LLC • Bechtel Savannah River, Inc. • BNG America Savannah River Corporation  
BWXT Savannah River Company • CH2 Savannah River Company

Specific features of this home include:

- 2-by-6 construction to allow for extra insulation in the walls;
- 24-inch roof overhangs to shield rooms from sun/heat;
- An aluminum sheathing system in the attic to reduce heat build-up;
- Low-E windows to repel heat from entering rooms;
- Insulated siding;
- A passive solar water heating system;
- SolarTube skylight to light a windowless bathroom;
- Energy Star appliances;
- Cellulose insulation (instead of fiberglass);
- Low volatile organic compound paint on interior surfaces;
- Laminated hardwood and ceramic floors (instead of carpet and vinyl);
- An air conditioning/heating system correctly sized to take into account all of the other energy-saving components; and
- Landscaping that includes drought-resistant plants and groundcovers to reduce watering and lawn maintenance requirements.

Aiken County Habitat for Humanity is dedicated to eliminating poverty housing in the greater Aiken area. Founded in 1988, Habitat has built 64 homes ([www.habitataiken.org](http://www.habitataiken.org)).

WSRC, a Washington Group International company, leads a team of companies that operate the Savannah River Site for the U.S. Department of Energy.

Those interested in covering the ceremony Friday are asked to call the Habitat contact above no later than close of business Thursday, Oct. 18.

#### **Directions to Warren Ridge**

1. Follow Pine Log Road toward Beech Island. Proceed through the traffic light at the Pine Log Road intersection with Howlandville/Richardson Lake Road (3-Way Market).
2. 0.4 mile past this intersection, turn right onto Legion Road at the CITGO station and just past the new storage units under construction.
3. Follow Legion Road a very short distance to Warren Ridge subdivision. Turn left onto St. John Place.
4. Go straight; house is a short distance on the left.