

For Immediate Release

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Savannah River Remediation Unveils ‘Cool Roofs’ to Save Energy

AIKEN, S.C. (December 4, 2014) – Savannah River Remediation (SRR) recently installed “cool roofs” on two buildings that will save energy and money.

The specialized commercial roofs, placed on two office buildings at the Savannah River Site (SRS), are expected to lower the temperature of the standard roofs from about 150 degrees Fahrenheit in the hottest part of the summer to 100 degrees or less, which lowers the amount of air conditioning needed to cool the buildings.

Owen Stevens, SRR's Manager of Environmental Compliance, said that while the new cool roofs reduce the cooling costs for these buildings, it also reduces energy usage.

“It’s an innovative use of environmentally friendly technology that addresses a real issue,” Stevens said. “It supports SRR’s need for purchasing green, sustainable products and meeting our SRS Site Environmental Goals.”

The long-lasting roofs are made of a thick, rubber-like membrane called Thermoplastic Polyolefin. The white color helps reflect sunlight, and the material is also designed to extend the life of a roof.

SRS is owned by the U.S. Department of Energy. SRR, the liquid waste contractor at SRS, is composed of a team of companies led by URS, with partners Bechtel National, CH2M HILL and Babcock & Wilcox. Critical subcontractors for the contract are AREVA, EnergySolutions and URS Professional Solutions.

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