



Environmental Bulletin

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from the Savannah River Site

Environmental Assessment Being Prepared for the Replacement Source of Steam for F, H, K, L, and S-Areas

DOE has determined that an environmental assessment (EA) will be prepared to analyze the potential environmental consequences of the proposed replacement source of steam at the Savannah River Site (SRS). The purpose of the proposed action is to replace the existing coal-fired D Area Powerhouse and oil-fired K Area Powerhouse. In the EA, DOE will analyze alternatives other than coal. The existing facilities were constructed in 1954 and 1992 respectively. The preferred location for the D Area replacement would be on Burma Road near the intersection with C Road on SRS. The boiler would provide the steam required for F, H, and S Areas.

DOE is also proposing to replace the K Area steam plant with two smaller biomass-fueled boilers. One boiler would be located in K Area and one in L Area. It is anticipated that clean biomass and bio-derived fuels will be the fuel source for all of the new boilers. The preferred alternatives to be evaluated in the EA would be new systems having controls capable of meeting the new emission standards and sized to meet current and projected steam demands for operating facilities located in the waste treatment and disposal and nuclear materials processing and storage areas of the site. The existing facilities will be replaced through an Energy Savings Performance Contract (ESPC) between DOE and a qualified Energy Services Company (ESCO). The ESCO will use alternative fuels to power the replacement steam plants.

Notifications of DOE's intent to prepare this EA were sent to the States of Georgia and South Carolina on September 26, 2007.

If you would like a copy of the predecisional EA when it becomes available, please contact:

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The SRS Environmental Bulletin

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