

SRS Environmental ALARA Release Management Program

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ABSTRACT

As directed in DOE Order 5400.5, the Savannah River Site (SRS) has an Environmental ALARA Release Management Program. The purpose of this program is to ensure that offsite dose resulting from radioactive releases to the environment are minimized and are maintained ALARA, i.e., "as low as reasonably achievable." When 10CFR834 is promulgated, having such a program will be law.

This presentation examines the successful elements of an ALARA Release Management Program and describes how minor radioanalytical changes can impact the dose-based effluent accountability for all major radiological discharge points, both liquid discharges and air emissions.