



Presenter

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Climate Change Preparation at the Department of Energy's Savannah River Site

As per federal sustainability requirements, all DOE facilities are directed to prepare for climate change at their respective sites, which must involve 'detailing risk' and 'describing actions to build resilience'. To meet this obligation, the Atmospheric Technologies Group (ATG) at the Savannah River National Laboratory (SRNL) has developed a climate projection for the DOE's Savannah River Site (SRS) near Aiken, SC, and performed a vulnerability assessment describing the specific threat to site assets. The site activities most in danger of being impaired by climate change include the maintenance of indoor temperatures, ensuring the safety of outdoor workers, and maintaining successful operation of site cooling towers. The next phase of the work involves the formation of a climate change group comprising SRS personnel responsible for those operations, with the goal of determining the best way to mitigate the threats. A series of meetings is now ongoing to develop a concrete plan of action.