

S-50 Site Thermal Diffusion Plant



Built to separate uranium 235 from uranium 238

<http://www.childrenofthemanhattanproject.org/HISTORY/H-06b5.htm>

A third process was started at the S-50 Thermal Diffusion Plant, using thermal diffusion but it began too late to have any impact on events and was not carried to completion.

The S-50 plant used convection to separate the isotopes in thousands of tall columns. It was built next to the K-25 power plant, which provided the necessary steam. Much less efficient than K-25, the S-50 plant was torn down after the war.

More great history can be found at <http://www.ornl.gov/info/ornlreview/index.shtml>.