



## B Reactor Tours



**MANHATTAN  
PROJECT  
B REACTOR  
HANFORD, WASHINGTON**

The B Reactor National Historic Landmark at the Hanford Site in Washington state was the world's first full-scale plutonium production reactor. Created as part of the top secret Manhattan Project during World War II, B Reactor produced the plutonium used in the Trinity Test (the world's first nuclear detonation) in July 1945, as well as for the atomic bomb dropped on Nagasaki, Japan in August 1945 that contributed to the Japanese surrender and end of World War II. The reactor was designed and built by the DuPont company based on experimental designs tested by Dr. Enrico Fermi at the University of Chicago and tests from the X-10 Graphite Reactor at Oak Ridge, TN. Construction of B Reactor began in October 1943, and fuel was loaded into B Reactor on Sept. 13, 1944 - just 11 months later.

The B Reactor was named a National Historic Mechanical Engineering Landmark by the American Society of Mechanical Engineers in 1976, was listed in the National Register of Historic Places in 1992, was designated a National Historic Civil Engineering Landmark in 1994, and became a National Historic Landmark in 2008. B Reactor has been open for annual public tours since 2009, and gets more than 10,000 visitors each year. The facility has been toured by guests from all 50 states and more than 80 countries worldwide.

B Reactor tours are free of charge and are open to visitors of all ages and from around the world. Cameras are welcome.

