

FAST FLUX Test FACILITY

The Fast Flux Test Facility (FFTF) is a 400-megawatt, sodium-cooled reactor designed to test fuels and materials for advanced nuclear power plants. This state-of-the-art reactor operated for 12 years, setting world records for safe and reliable operation.

As directed by the Department of Energy (DOE), FFTF staff performed monitoring, maintenance, safety and all other work to maintain the reactor in a safe, standby condition during the year.

This ensures the reactor's viability for potential new missions currently under consideration by DOE, including the production of medical isotopes for diagnosis and treatment. It also provides for the reactor's readiness for a National Environmental Policy Act review – the next step in determining future use of the reactor – ordered by DOE Secretary Bill Richardson.

During the year, FFTF workers continued to maintain this state-of-the-art reactor in safe standby condition to ensure the reactor's availability for potential new missions under consideration by DOE.

