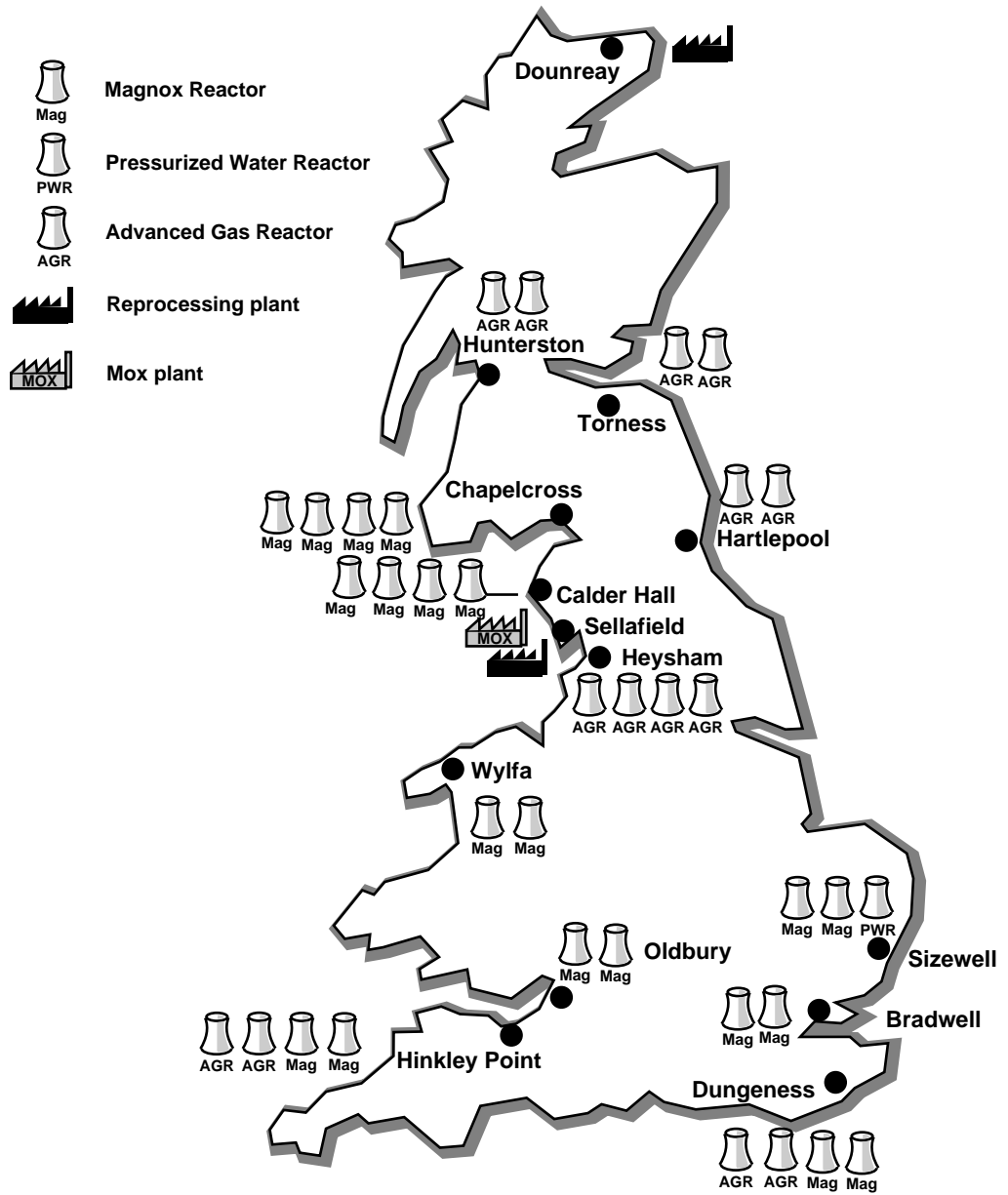


Plutonium in United kingdom



Nuclear Power Plants

Operating British nuclear power plants: 20 Magnox reactors, 14 advanced gas-cooled reactors (AGRs), one pressurised water reactor (PWR).

Reprocessing Plants

Two industrial scale reprocessing plants at Sellafield (B205 for Magnox and THORP for oxide and AGR fuel). One demonstration reprocessing plant for research reactor and breeder fuel at Dounreay (another is undergoing renovation at the same site).

MOX Fuel Fabrication Plants

One demonstration MOX plant at Sellafield in operation (MOX Demonstration Facility, MDF). One industrial scale MOX plant at Sellafield under construction (Sellafield MOX Plant, SMP).

No British reactor is licensed to use MOX fuel.

Magnox and AGR reactors are not technically able to use MOX fuel, and the only reactor which could theoretically be adapted for MOX fuel use, Sizewell-B, is neither licensed nor planned to be adapted for such use.