

What type of reactor is used in the Macedonian power station

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Many advanced reactor designs are for small units - under 300 MWe - and in the category of small modular reactors (SMRs), since several of them together may comprise a large ...

Of the six main commercial reactor types, two (Magnox and AGR) owe much to the very earliest reactor designs in that they are graphite moderated and gas cooled.

Nuclear power reactors produce energy by initiating and controlling a sustained nuclear chain reaction. Currently, over 400 such reactors in 32 countries provide about 10 per cent of the ...

The natural uranium gas graphite reactor is a type of nuclear reactor that uses natural uranium in the form of metal as a nuclear fuel. The fuel is introduced into tubes of a magnesium alloy ...

ABSTRACT The Macedonian Power System (MPS) used to be a part of the former Yugoslav Power System, and it was connected to the European system by 400 kV transmission lines. At the present ...

There are several types of power reactors, but only one, the light-water reactor, is widely used. Accordingly, this variety is discussed in considerable detail here.

A nuclear power plant uses uranium fuel to produce nuclear fission which heats water into steam to drive the turbines that ultimately produces electricity. There are many different reactor ...

List of power stations in North Macedonia This page article all power stations in North Macedonia.

Macedonian Energy has strong capabilities in design, construction, and commissioning of SMRs (Small Medium Reactors) either for power generation or for research and radio isotopes production.

In GCRs (gas-cooled reactors) and AGRs (advanced gas-cooled reactors) carbon dioxide is used as the coolant

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and graphite as the moderator. Like heavy water, a graphite moderator allows natural ...

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