

Nuclear power meaning

What does nuclear power mean?

Need even more definitions? Subscribe to America's largest dictionary and get thousands more definitions and advanced search--ad free! The meaning of NUCLEAR POWER is energy that is created by splitting apart the nuclei of atoms.

What is nuclear energy?

Nuclear energy, energy that is released in significant amounts in processes that affect atomic nuclei, the dense cores of atoms. One method of releasing nuclear energy is by controlled nuclear fission, used in nuclear power plants around the world. Another method, controlled nuclear fusion, has not yet been perfected.

What is a nuclear power plant?

Except for the reactor, which plays the role of a boiler in a fossil-fuel power plant, a nuclear power plant is similar to a large coal-fired power plant, with pumps, valves, steam generators, turbines, electric generators, condensers, and associated equipment. What is the difference between nuclear fission and fusion?

Can nuclear energy be used to create electricity?

Nuclear energy can be used to create electricity, but it must first be released from the atom. The Three Mile Island nuclear power plant, near Harrisburg, Pennsylvania, United States, is capable of generating 892 net megawatts of electricity. That is enough to power more than 800,000 homes and businesses.

Definition of nuclear power noun in Oxford Advanced Learner's Dictionary. Meaning, pronunciation, picture, example sentences, grammar, usage notes, synonyms and more.

Nuclear power is the energy produced by splitting or joining the nuclei of atoms. It can also refer to a country that has nuclear weapons. Learn more about the usage and pronunciation of nuclear power ...

Nuclear power Definition - General Chemistry II Key Term |... Nuclear power is the energy produced through nuclear reactions, primarily nuclear fission and fusion, which release vast amounts of energy.

Nuclear energy is a form of energy released from the nucleus, the core of atoms, made up of protons and neutrons. This source of energy can be produced in two ways: fission - when ...

Nuclear energy, energy that is released in significant amounts in processes that affect atomic nuclei, the dense cores of atoms. One method of releasing nuclear energy is by controlled ...

Nuclear power is a form of energy production that harnesses the power of atomic nuclei. It's a reliable, low-carbon energy source that has been utilized for several decades.

NUCLEAR POWER definition: 1. the power produced when the nucleus (= central part) of an atom is divided or joined to another.... Learn more.

Nuclear power meaning

When the electricity is made from atoms splitting apart, it's called nuclear energy. All power plants convert heat into electricity using steam. At nuclear power plants, the heat to make the ...

Nuclear energy is the energy in the nucleus, or core, of an atom. Nuclear energy can be used to create electricity, but it must first be released from the atom.

Nuclear energy is a carbon-free and extremely energy dense resource that produces no air pollution. Nuclear reactions produce large amounts of energy in the form of heat.

Nuclear energy, energy that is released in significant amounts in ...

The meaning of NUCLEAR POWER is energy that is created by splitting apart the nuclei of atoms.

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