

The nuclear power



118 () Economics & Energy

3-SECOND SURVEY

If splitting the atom could produce energy, it made sense to harness it for the hasn't always proved easy good of the world - but it

3-MINUTE OVERVIEW

of civil nuclear energy into may be immeasurable. precautions at other plants the costs of clean-up and around will not be usable relatively low but the land tsunami. In both cases, of an earthquake and down, and Fukushima in safety systems were shut Ukraine in 1986, where doubt - Chernobyl in the thrown the development Two nuclear accidents have for two generations and immediate deaths were Japan in 2011, the result

the 30-second history

NUCLEAR POWER

an experiment in 1942 and was called Chicago energy was released. The critical experiments Rutherford first bombarded lithium atoms with been an eventful story since the physicist Ernest develop nuclear technology during the Second weapons seem a little more hopeful. It was a peace' as part of an attempt to make nuclear administration first used the phrase 'atoms for Breeder Reactor in Idaho in 1951. Since then, any electricity was the small Experimental designed to make a nuclear bomb. The first Pile-1; this fed into the Manhattan Project States. The first working reactor went live as refugees in the United Kingdom or the Unitec and many of the world's best physicists were physicist Lise Meitner and her nephew, Otto Hahn and Fritz Strassmann, with Austrian were carried out in Germany in 1938 by Otto protons and found that a huge amount of World War, to beat the Nazis to the key. It had reaction against the helter-skelter rush to early expectations, mainly because of the nuclear energy has struggled to live up to working nuclear reactor to actually produce Frisch. But within a year, the war had begun US president Dwight Eisenhower's phenomenon of nuclear fission Otto Hahn discover the FRITZ STRASSMANN dropped on Hiroshima and that atomic bombs had been German chemist who helped

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3-SECOND BIOGRAPHIES ERNEST RUTHERFORD

pioneer, who contemplated German nuclear physics 1879-1963 OTTO HAHN splitting of the atom New Zealand-born physicist whose work led to the first uicide when he discovered

David Boyte 30-SECOND TEXT

uncertain future nuclear power an expense have given energy', accidents and heralded as 'clean In spite of being

