

## Energy in general

/ 6 ENERGY THROUGHOUT THE WORLD / 8 ELECTRICITY, A UNIQUE FORM OF ENERGY / 9 RENEWABLE ENERGY SOURCES  
/ 14 NUCLEAR ENERGY / 17 THE GREENHOUSE EFFECT AND GLOBAL WARMING / 21 SURVEY OF ENERGY IN FRANCE

## Nuclear reactors

/ 26 HOW A NUCLEAR REACTOR WORKS / 30 REACTORS: PAST, PRESENT AND FUTURE POSSIBILITIES / 36 TECHNICAL ASPECTS CONCERNING THE SAFETY OF NUCLEAR FACILITIES

## Nuclear fuel cycle

/ 42 THE PWR FUEL CYCLE / 44 URANIUM EXTRACTION AND CONVERSION / 48 URANIUM ENRICHMENT / 54 FUEL MANUFACTURE (PWR) / 58 WHY REPROCESS SPENT NUCLEAR FUEL? / 60 SPENT FUEL REPROCESSING OPERATIONS / 64 PLUTONIUM RECYCLING IN LIGHT WATER REACTORS: MOX FUEL

## Radwastes, radiation protection, proliferation

/ 70 RADIOACTIVE WASTE AND ITS MANAGEMENT / 74 RADIOACTIVITY AND RADIOLOGICAL PROTECTION / 81 APPLICATIONS OF IONIZING RADIATIONS APART FROM ENERGY PRODUCTION / 83 THE PROLIFERATION OF NUCLEAR WEAPONS

## Economics

/ 89 NUCLEAR POWER AND THE FUEL CYCLE: ECONOMIC ASPECTS

## Miscellaneous

/ 94 THE EPR OR EUROPEAN PRESSURIZED WATER REACTOR / 102 THORIUM / 103 FRAMATOME ANP'S SWIN 1000 / 105 HIGH TEMPERATURE REACTORS (HTR) AND THE GT-MHR / 108 THE CHERNOBYL DISASTER AND ITS CONSEQUENCES / 113 FUEL-CELLS

## Glossary of terms

/ 116 GLOSSARY OF TERMS / 125 ABBREVIATIONS & ACRONYMS / 126 WEB SITES ABOUT NUCLEAR POWER / 127 OTHER SITES RELATED TO NUCLEAR ENERGY