

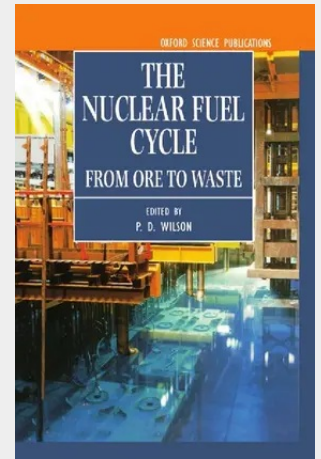
Wilson

The Nuclear Fuel Cycle

From Ore to Waste

Nuclear power issues have long been controversial, and often discussed from an inadequate or mistaken understanding. This book is a factual description of the whole fuel cycle, with individual chapters on specific topics from uranium mining, through the manufacture and use of fuel, to recycled products, waste disposal and progress towards a cleared site. Basic principles, environmental radioactivity (both natural and artificial) and provisions for safety are also covered. The level is pitched at a general scientific readership not necessarily familiar with the concepts, and although the viewpoint is naturally pro-nuclear, the aim is to inform rather than persuade. Where options are disputed, as whether used fuel should be reprocessed or discarded directly, both are described. The account is mainly of current practices, with the reasons for them. A final chapter suggests possible changes in the near or more distant future.

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