

Research 5

Nuclear power Buildings... The Future of Urbanization in Egypt

(Proposed entrance to evaluate Dhaba project site in Egypt)

As the global economy grows, renewables face increasing pressures. Although there is a clear advantage in nuclear energy uses, they have not been significantly highlighted as one of the key solutions to energy problems needed for development. Many countries have begun to rely on nuclear energy regionally and locally as a nucleus for future sustainable development.

Egypt has been one of the first developing countries since the early 1960s to recognize the importance of a nuclear programme on the peaceful uses of nuclear energy. Egypt has become increasingly engaged in development and economic growth processes and nuclear power has become a basic option for balancing its future energy needs as a strategic pillar of sustainable development.

The research addresses the problem of nuclear option as a pillar of sustainable urban development aimed at assessing the location of the beam through its impact on the processes of sustainable development and the future of urbanization in Egypt, Reviewing the theoretical and analytical aspect of the global standards and tests in the establishment of nuclear plants by comparative analysis of five global tests at the nuclear plants in operation. The applied framework then addresses the Egyptian test in the construction of the nuclear plant and the Dhaba site on the north coast in terms of the selection of the site and the parameters and elements of the planning and design of the project and the most important results of the research the validity of the proposed nuclear plant construction site with the importance of reviewing the proposed design so that it fits characteristics fits Egyptian and cultural identity in the governorate society.