

Operational Safety

The Jordan Atomic Energy Commission is committed to achieving the highest standards of safety and quality by conducting safety assessments for the design of nuclear reactors intended to be built in the Kingdom. The commission ensures that the reactor design provides multiple levels of safety that can be relied upon to prevent the release of radioactive materials, aiming to avoid accidents. It also ensures that the selected sites and technologies for building nuclear reactors are suitable in terms of the safety of workers inside the facility and the residents around the nuclear area. Moreover, the commission studies the environmental impact in the event of an accident at the facility and guarantees that effective measures are taken to protect the public and the environment under such circumstances. It ensures that the design of the nuclear power reactor offers multiple levels of safety (defense in depth) to prevent the release of radioactive materials and to mitigate their radiological consequences should an accident occur. Additionally, the commission works to establish a strong nuclear safety culture by conducting a series of lectures and training courses for its employees.

