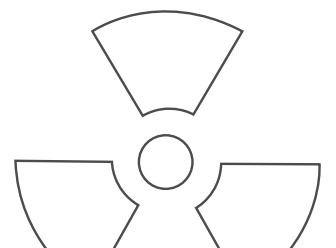


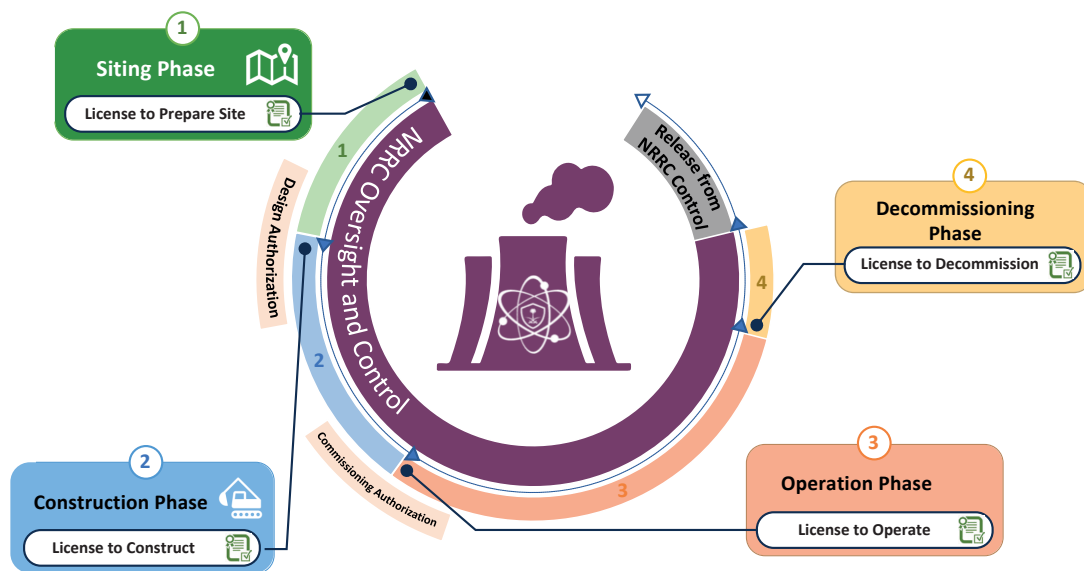


Regulatory Oversight of Nuclear Power Plant

- In 2018, the Kingdom's Council of Ministers approved the National Policy of the Atomic Energy Program for peaceful purposes. The Kingdom plans to move from a resource-based economy to a diversified economy and based on production, following the principles of sustainability, competitiveness, fairness, and transparency.
- The Kingdom conducted site surveys and regional analysis to identify potential sites and select candidate sites. A site survey was conducted by applying exclusionary, avoidance, and preference criteria to regional areas of the KSA to identify potential sites.
- Six of the 16 candidates were potential locations for the Kingdom's first nuclear power plant.
- In 2018, the Law of Nuclear Radiation Control and the Statute of the Nuclear and Radiological Regulatory Commission (NRRC) were promulgated by Royal Decree.



- In 2020, NRRC started to implement pre-engagement activities with the applicant for licensing inquiries regarding the activities of licensing the nuclear power plant site, starting from the method statements of conducting the studies of the site.
- In February 2022, the Kingdom established a Saudi Nuclear Energy Holding Company (SNE) to develop nuclear power projects in the Kingdom.
- In March 2022, the Kingdom sent bid invitations for its nuclear power plant project to interested technology providers .
- In May 2022, Duwayhin Nuclear Energy Company (DNEC) submitted to the NRRC the Site License application for the first nuclear power plant at Duwahin area in Saudi Arabia.
- In March 2023, the NRRC granted Site License to DNEC for the preparation of the site to construct the first nuclear power plant.



General Information

Applicant Name	Duwayhin Nuclear Energy company (DNEC)
Reactor Name	First Nuclear Power Plant (NPP)
Type	Pressurized Light Water Reactor (PWR)
Number of Units	2
Power	1000-1600 MWe each unit

NPP Uses

1	Electricity Generation
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