A large tank filled with Heavy Water. The pressure tubes containing the fuel bundles run through the calandria. Twelve fuel bundles are placed in each fuel channel. CANDU 6 reactors have 380 channels, and CANDU 9 reactors have 480 channels.

The fuel is made from uranium that is naturally radioactive. Uranium atoms are split under controlled conditions to produce what is known as a chain reaction. A small amount of uranium produces large amounts of energy in the form of heat. Hot heavy water from the reactor is transferred to the steam generators where it is used to produce steam. The steam turns turbines and turbines turn electrical generators to produce clean electricity.

Heat from the hot Heavy Water turns ordinary water into Steam. This large Heat Transport Pumps circulate the hot Heavy Water from the reactor to the Steam Generators. The fuel is made from uranium that is naturally radioactive. Uranium atoms are split under controlled conditions to produce what is known as a chain reaction. A small amount of uranium produces large amounts of energy in the form of heat. Hot heavy water from the reactor is transferred to the steam generators where it is used to produce steam. The steam turns turbines and turbines turn electrical generators to produce clean electricity.

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