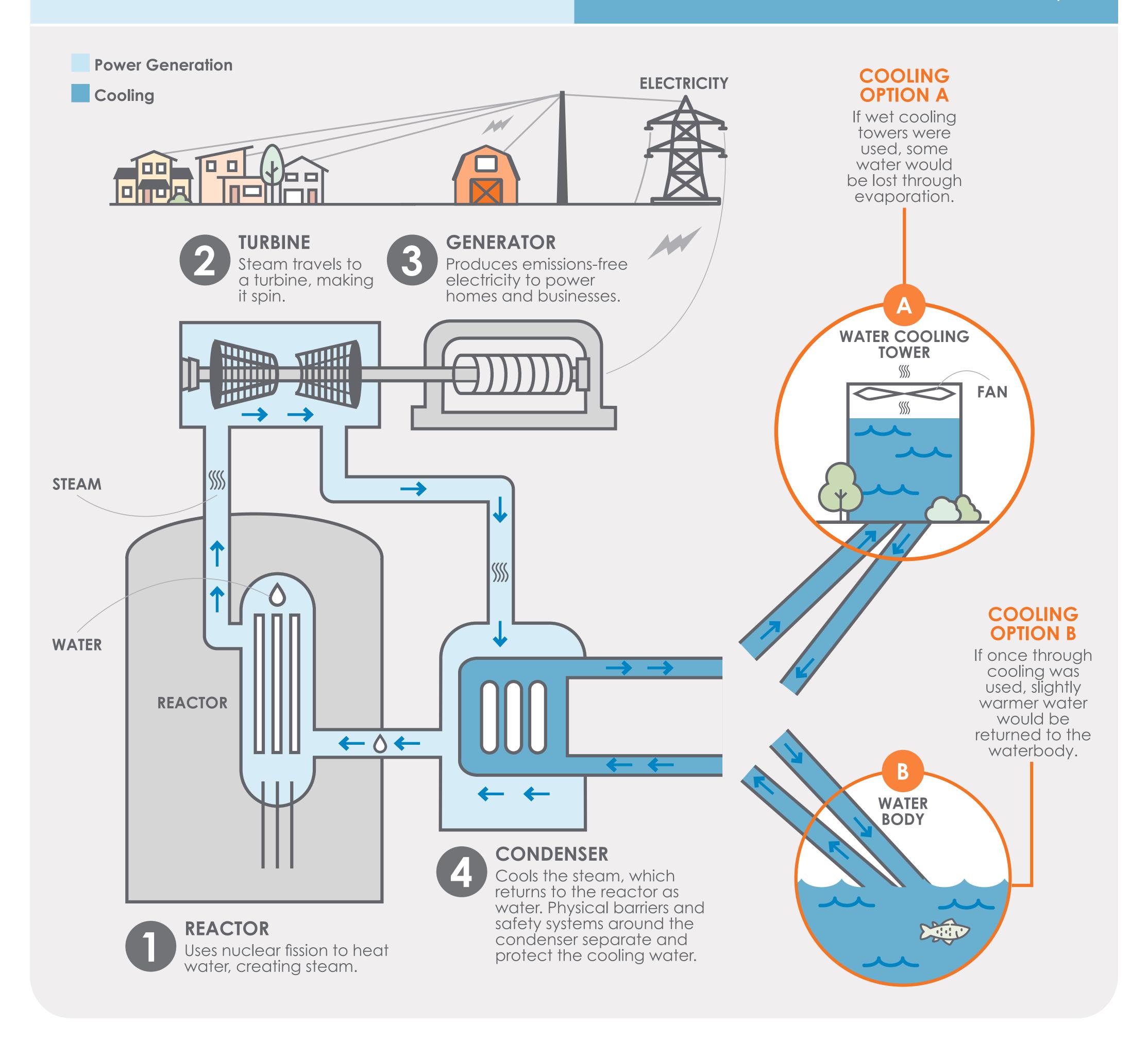
## How water flows in an SMR

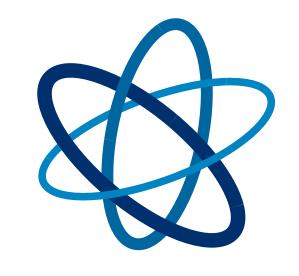
## Two separate systems – each with its own water supply

Power Generation: Water flows from the reactor to a steam turbine and back in a closed loop, generating electricity.

Cooling: Water flows from an external source to the condenser, to cool the steam. This water never enters the reactor – it remains free of radioactivity.







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