

# Checklist

## What you should know

After studying this subtopic, you should be able to:

- Describe that energy is released in spontaneous and neutron-induced fission.
- Determine the energy released in fission reactions.
- Explain chain reactions and their role in nuclear fission reactions.
- Explain the role of control rods, moderators, heat exchangers and shielding in a nuclear power plant.
- Describe the properties of the products of nuclear fission and their management.

