

# **Core Configuration & Cycle Diagram of Boiling Water Reactor**

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## 1 Quiz

### 1.1 Questions

1. What is the operating pressure of a boiling water reactor?
2. Which of the following is not true about boiling water reactors?  
(a) steam-water mixture leaves the core      (b) uses enriched uranium fuel  
(c) pressurizer is used      (d) core acts as steam generator
3. The cladding material used in BWR is \_\_\_\_\_
4. The moderating capability of water \_\_\_\_\_ with temperature.
5. The control elements in BWR are in the form of \_\_\_\_\_

### 1.2 Answers

1. 76 bar
2. (c) pressurizer is used
3. Zircaloy
4. The moderating capability of water decreases with temperature.
5. The control elements in BWR are in the form of plates