

Auxiliary Systems

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1 Quiz

1.1 Questions

1. What does 'P' stand for in PAC filters?
2. Pressure in the turbine building is greater than that in reactor building. Say true or false.
3. Why is higher pressure maintained in reactor building compared to that in containment?
4. Name the annulus gas used in PHWR.
5. A higher thermal conductivity is required for annulus gas. Say true or false.
6. Which of the following poses challenges in using CO₂ as annulus gas?
(a) low thermal conductivity (b) chemical reactivity (c) transmutation
(d) all the above
7. What does APWS stand for in a pressurized water reactor?

1.2 Answers

1. Particulate matter
2. True
3. To prevent any leakage from containment to reactor building
4. Carbon dioxide
5. False
6. (b) chemical reactivity & (c) transmutation
7. Active Process Water System