

Nuclear Reactor Simulator Worksheet (ACN)

<http://www.dalton.manchester.ac.uk/engage/nrs/>

Part	Made from...	Purpose
Fuel Rods		
Control Rods		
Moderator		
Coolant		
Turbines	How long are the turbine blades?	
Generator		

Why are nuclear power stations often built by the sea?

How much pressure can the coolant pressurizer hold?

What happens if you pull the control rods all the way out?

How do the control rods keep the nuclear reaction going at a steady rate?

Why does there have to be a moderator?