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A Study of the Condenser in Nuclear Power Plants

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Abstract : Energy is the master of Every Nation. Either it may be the Electrical Energy or any other means of Energy, the energy makes the nation pride and also increase the nation in global standard.

“Energy neither created nor destroyed; it can be change from one form to another”.

The law of conservation of energy is says this. It also seems that energy which a body possesses by virtue of being in motion is said to be the kinetic energy. And in the same time, the energy possessed by a body by virtue of its position relative to others, stresses within itself, electric charge, and other factors are called Potential energy. In Nuclear Power stations the condenser is the machine which will transfer the heat from shell side to tube side. This condenser increases the efficiency of the machine. Here in this article the function of condenser and condenser tubes, the properties which affect the performance of this system and how to increase the efficiency of the machine has been discussed.

Keywords : Energy, Moisture, Condenser.

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