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Physics Quiz

We know that, alternating current changes direction. And since current is passing through the coil it produces a magnetic field which will also follow the alternating current characteristics. That means, alternating magnetic fields will be produced. As a result of which force will be created on the cone. Reversing direction of the current also reverses the direction of the force which creates vibration on the cone. This vibration of the cone vibrates the air particles next to it. As a result, sound waves are produced and it is transmitted by air particles.