From: Public Information Unit (HFA)
GENERAL ELECTRIC RESEARCH LABORATORY
Schenectady, New York

Photo No. RL-30,695

FOR RELEASE FRIDAY, NOVEMBER 13, 1959

A model of ~~the~~ Hall's "belt," one of the General Electric devices for sustaining the ultra-high pressures and temperatures required to change graphite into diamond. In this device, conical pistons (top and bottom) push into the correspondingly shaped chamber (center). The graphite, from which the diamond forms, is placed in the aperture at the center of the chamber.

the device

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Pressures as high as 1,800,000 pounds per square inch are achieved in the General Electric pressure chamber for making diamonds. Such pressures occur in nature at a depth of 240 miles below the earth's surface.

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