

PROJECT SILO TECHNICAL MEMO #3

SUBJECT: PRELIMINARY DESCRIPTION OF FAST RISE-TIME
THYRATRON DRIVER

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DATE: June 26, 1956

ABSTRACT: A fast rise time constant current pulser has been designed and built for the testing of magnetic memory elements. The driver consists of four thyratrons in self-extinguishing circuits connected to give bipolar current pulses. The pulser is suitable for testing toroidal magnetic elements or multi-path structures.

The work hereby reported was performed with the support of Government Contract NOBsr 63472, Task 11.

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