

4000 KW TG Project - 1981

V - DESIGN DATA

B - Description of Major Components

Turbine

Manufacturer: General Electric Co.
Rating - 4000 KW
Speed - 3600 RPM
Steam - 600 psig, 750° FTT
Extraction- 20 psi back pressure Bar lift extraction -
5th stage shell
Year of Manufacture - 1947

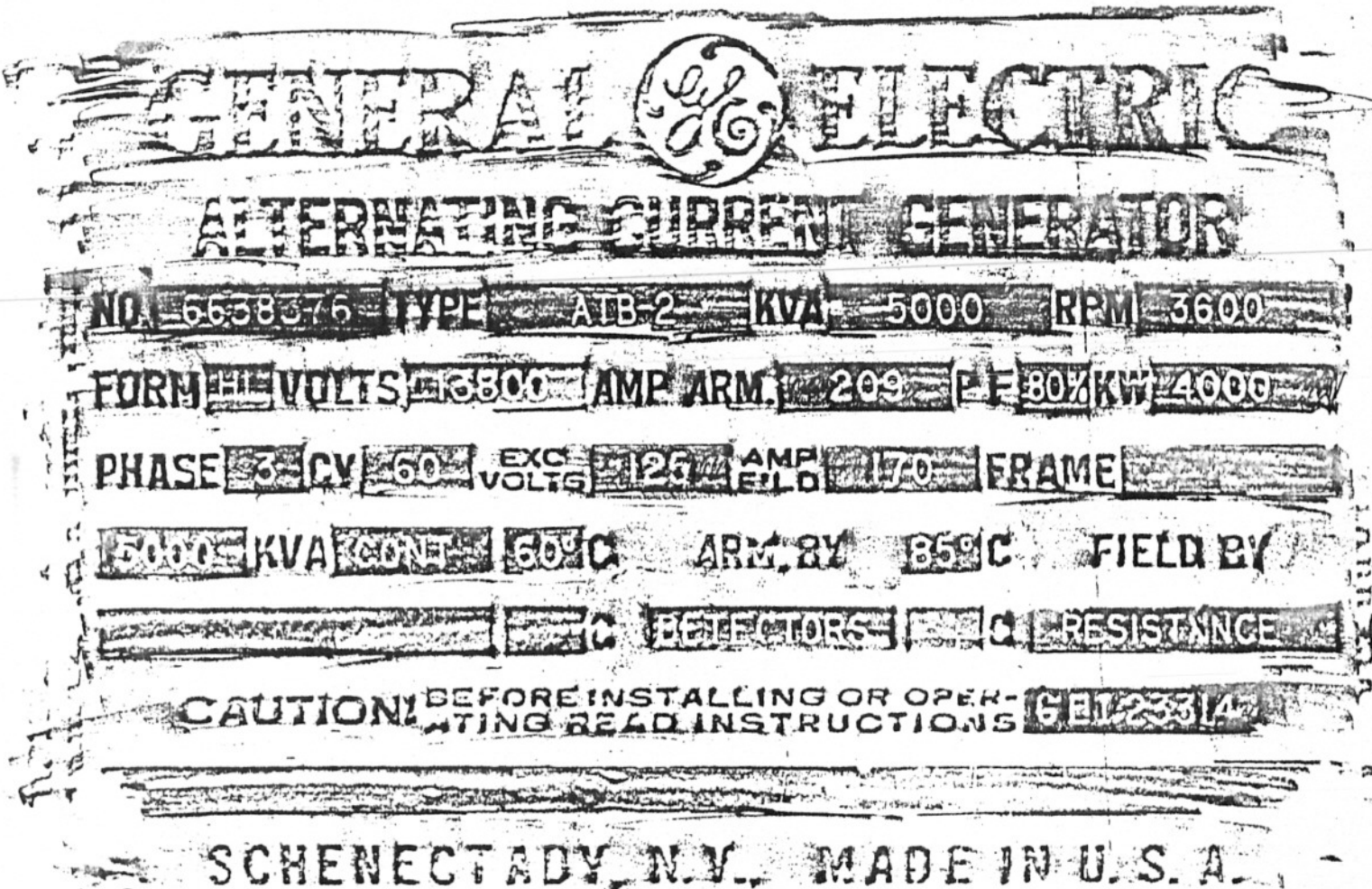
Generator

Manufacturer: General Electric Type ATB-2
Serial No. - 6638376
Rating - 5000 KVA, 4000 KW, 3 phase 60 HZ.
Speed - 3600 RPM
Voltage - 13,000 volts
P.Factor - 80%

Exciter

Manufacturer - General Electric
Model - 51A387
Type - EDF
Winding - Shunt Wound
Frame - 83
DC Volts - 125 V, Continuous Duty, 40° C Rise
Amps - 200 Amp.
Speed - 3600 RPM
Enclosure - Tot. Ext. Vent
Serial No. - 2371850

C - Generator Name Plate



C₁₅₇ I₁₅₇ 1400' 800' 750 FTT M₁₅₇

