

Power

September 1955 • \$1.00

Modern Plant Yearbook Issue

MODERN PLANT SURVEY 37

New plants of 1955: Design trends, tabulated data on more than 400 steam and hydro units on order, being built, just completed

POWER'S MODERNIZATION AWARDS 59

Field-tested profit-making ideas. Listing of awards for modernization accomplishment

DIRECTORY FOR MODERNIZATION 99

Source book of power-field equipment and services: over 700 products, 1800 firms

CROSSFILE OF OBSOLESCENCE 181

Former manufacturers of power equipment: names and addresses of successor companies

THE SHOWCASE 187

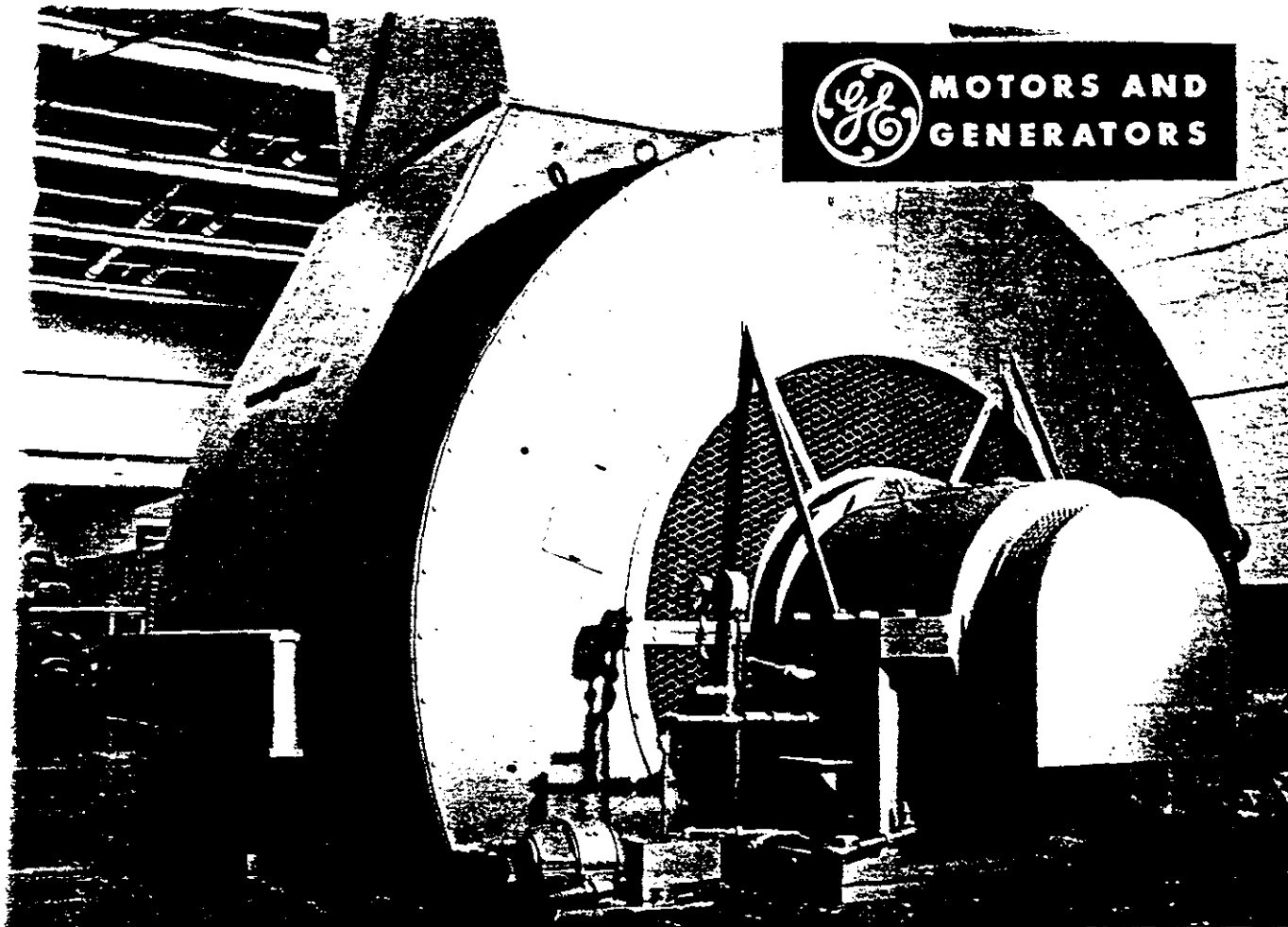
New Equipment: A review of problem-solving products, and cards for ordering more info

New Bulletins: Handy guide to literature and catalogs available at drop of a card

Running No. R115

PLAINTIFF'S
EXHIBIT

GE-27



GENERATOR WITH BASE RATING OF 60,000-KVA HELPS CREATE OPERATING CONDITIONS FOR LARGE MOTOR RESEARCH IN NEW G-E LAB.

In New G-E Development Laboratory Giant Motors Perform Just as in Service

One of the difficult problems design engineers face is predicting accurately how a giant motor will perform under operating conditions. General Electric has come up with an answer to this problem.

INCREDIBLY ACCURATE TEST CONDITIONS are made possible by the brand new G-E test laboratory pictured above. Heart of the test room is a synchronous generator with a base rating of 60,000-kva driven by a variable speed d-c motor to provide test current of variable frequency. A motor-generator set to supply the d-c current, exciter sets and elaborate switchgear make it possible to simulate test conditions far more severe than are encountered in the field.

DATA GAINED FROM TESTING today's motors and generators will be directly applied to the design and development of tomorrow's machines. Product development like this is an integral part of General Electric's continuing program to provide you with dependable, compact, efficient electric equipment.

Take advantage of this progressive engineering research and bring your large motor and generator problems to General Electric. For more information on G-E motors and generators call the nearest General Electric Apparatus Sales Office. General Electric Company, Schenectady 5, N. Y.

770-11

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GENERAL  **ELECTRIC**