



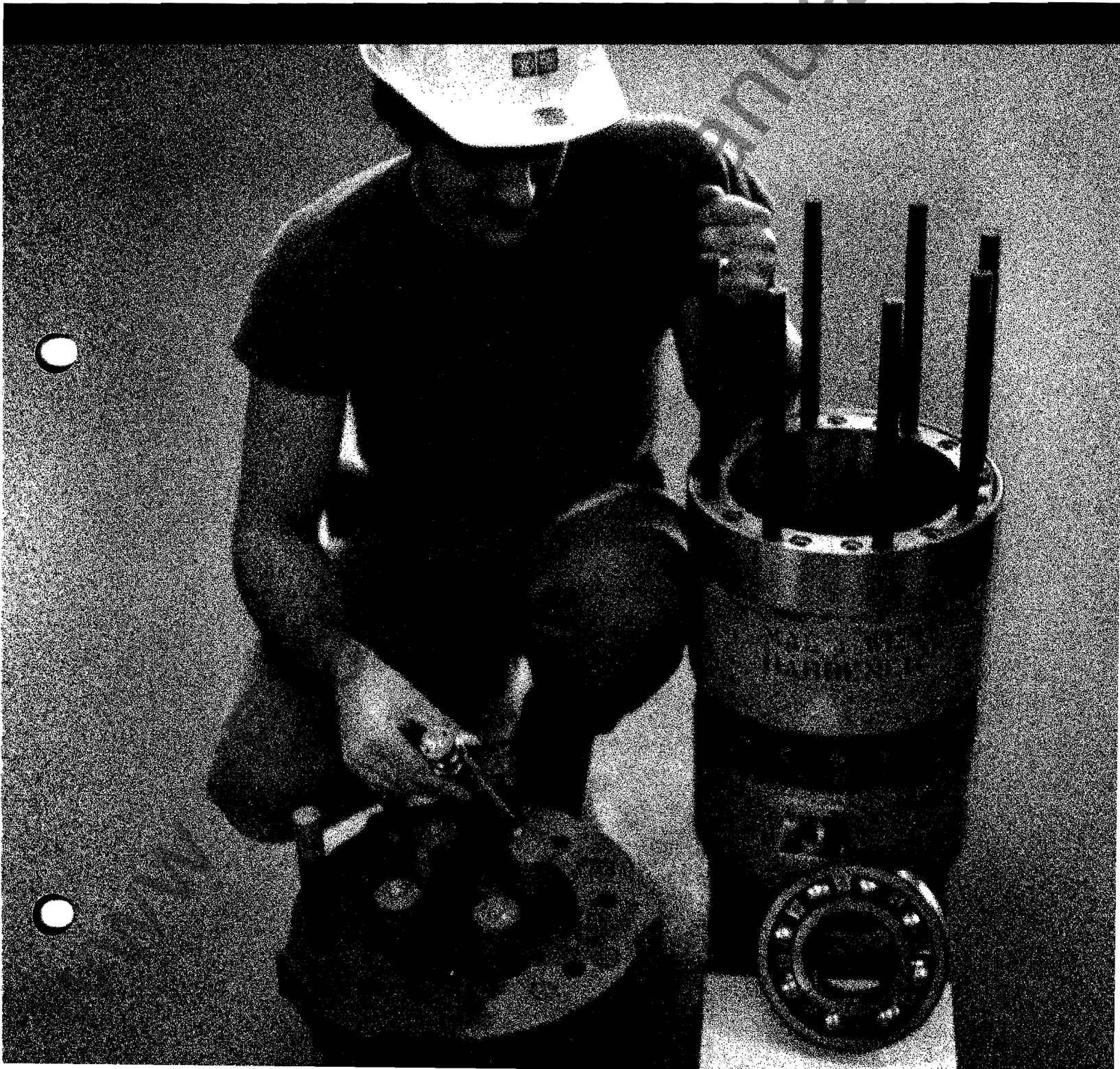
Westinghouse Electric Corporation
Engineering and Instrumentation
Services Division
875 Greentree Road, Bldg. No. 8
Pittsburgh, Pennsylvania 15220

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November, 1984
New Information
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Diesel Service Maintenance

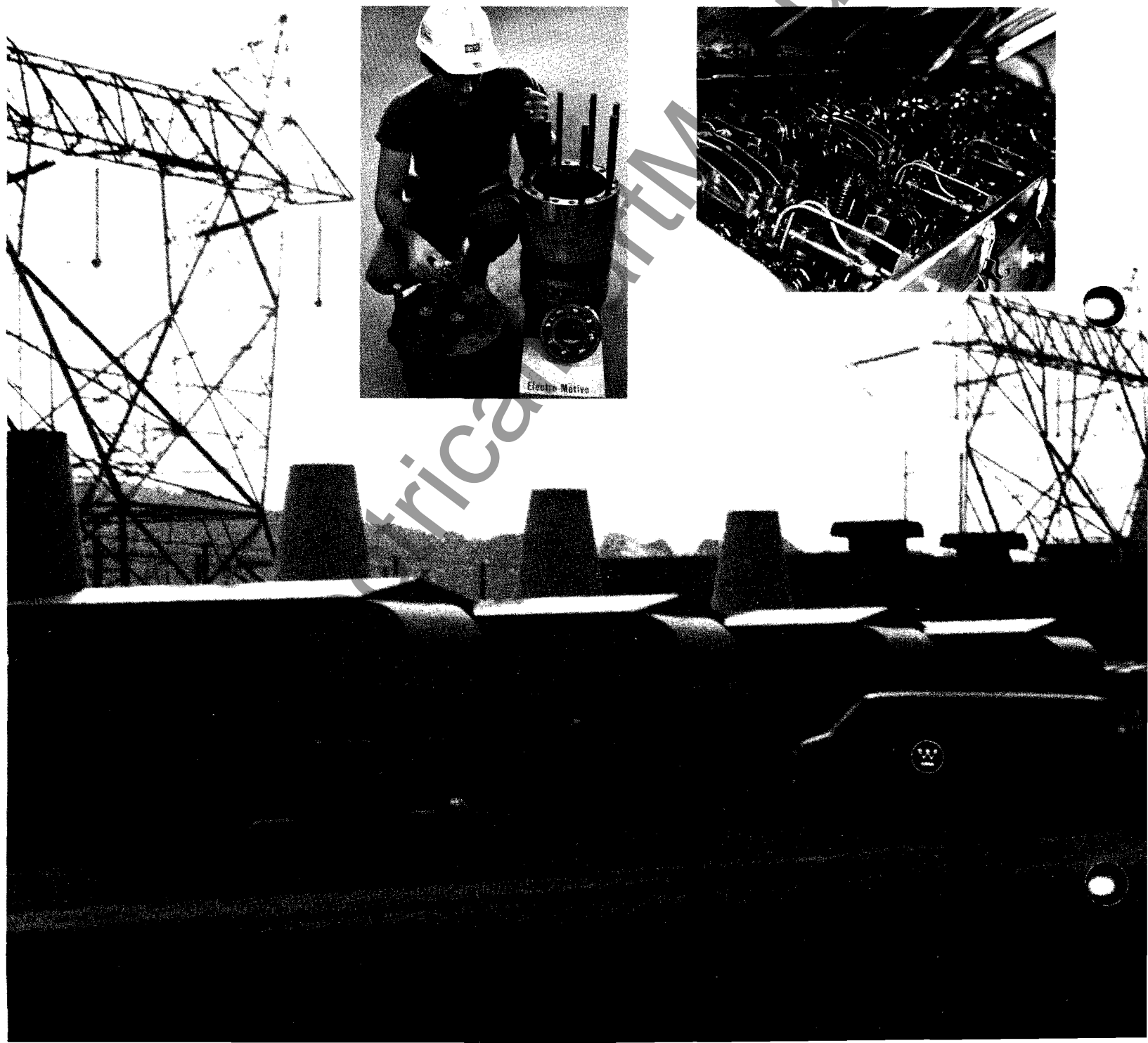


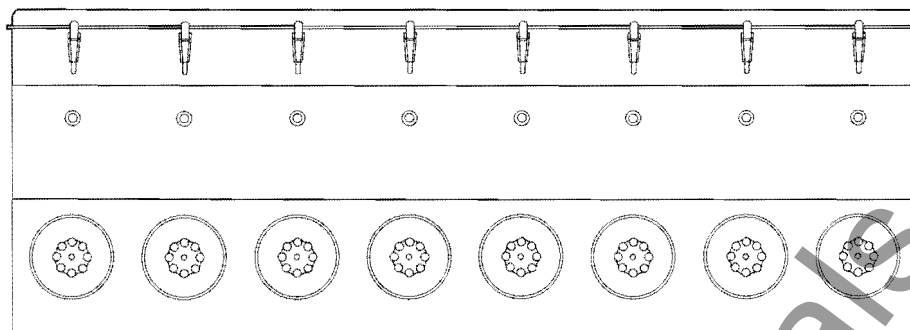


Diesel Service Maintenance

Main: Westinghouse provides professional on-site services to maintain your entire GM-EMD diesel generator.

1. "Hard-wearing" parts are inventoried by Westinghouse to speed repair.
2. Our programmed maintenance approach protects mechanical, electrical and associated control and distribution equipment.





Innovative Maintenance Techniques from Westinghouse Engineering & Instrumentation Services

The Westinghouse Engineering & Instrumentation Services Division (E&ISD) is one of the largest and most experienced industrial service organizations in the nation. With more than 80 fully-staffed Engineering Service Offices throughout the continental U.S., E&ISD has complete local capabilities to provide a wide range of electrical and mechanical equipment services in three broad categories: installation, physical maintenance, and engineering advisory services.

At E&ISD, we have established an ongoing program to identify emerging customer needs, and evolve effective service technologies and procedures to meet them. Diesel Service Maintenance is just one of many new capabilities we have developed in order to enhance both the quality and scope of service options available to our customers.

Westinghouse Engineering & Instrumentation Services now offers complete capabilities to maintain your entire GM-EMD stationary diesel generator system—a service which includes single source maintenance responsibility, 24-hour response to emergency field requirements, and an available inventory of normally-wearing diesel generator parts and components. In addition, Westinghouse has the dedicated tooling, transportation and personnel required to quickly and effectively service your diesel generator equipment.

A Comprehensive Diesel Service Maintenance Package

As part of this new maintenance concept, Westinghouse has significantly expanded the scope of its Diesel Service Maintenance package. In addition to preventive and emergency maintenance for the diesel and generator, our upgraded program also includes troubleshooting and diagnostic services for the generator protective/paralleling control and associated paralleling distribution equipment. Diesel seal replacement, upgrades and complete rebuild services are also available, if required.

The heart of this program is a routine regimen of inspection and testing services, carried out on a monthly, three-month, six-month and yearly basis. Routine inspection services are performed as follows:

Monthly services:

- Visually inspect cooling system
- Visually inspect fuel system
- Visually inspect lubrication system
- Visually check and record fluid levels
- Check engine operations at idle
- Check battery condition
- Check performance of stand
- Visually inspect electrical cabinets
- Perform general unit inspection
- Inspect cooling fan belts
- Inspect cylinder head mechanism during engine idle
- Fill oil cups on engine water pumps

Quarterly services:

- Perform regular monthly inspection and maintenance services
- Drain condensate from fuel tank
- Change soak back pump lube oil filter element
- Sample engine lubricating oil for laboratory analysis

- Inspect and lubricate starter drive
- Check oil level in oil bath air intake filters
- Lubricate door hinges and locks

Semi-annual services:

- Perform regular monthly inspection and maintenance services
- Perform regular quarterly inspection and maintenance services
- Inspect protective features of the fuel transfer system

Annual services:

- Perform regular monthly inspection and maintenance services
- Perform regular quarterly inspection and maintenance services
- Perform regular semi-annual inspection and maintenance services
- Add rust inhibitor to cooling system
- Check overspeed and lash settings for proper adjustment
- Visually inspect generator control system
- Test paralleling distribution circuit breaker
- Lubricate fan bearings

Features:

Single-source inspection and maintenance services—Promotes reduced purchasing and supervision costs, while affording complete routine preventive and emergency maintenance for both diesel engines and generators.

24-hour emergency response—Minimizes downtime, and ensures maintained on-line/peaking capabilities for diesel generator units.

Complete inventory of "hard-wearing" parts—Speeds repair turnaround, and increases on-line availability of diesel generators.



Westinghouse Engineering Service Locations*

Alabama

Birmingham 35209
133 West Oxmoor Road
Suite 205 205-942-7432

Mobile 36607
1125 N. Corporate Drive
Suite 205 205-478-0713

Arizona

Phoenix 85034
1825 E. Jefferson Street 602-271-9237

California

Bakersfield 93301
1328 34th Street
Suite A 805-327-7633

Los Angeles 90221
18020 S. Santa Fe Avenue 213-537-9250

San Diego 92123
5450 Complex Street
Unit 310 619-571-2907

San Francisco 94608
5899 Peladeau Street 415-428-4700

Colorado

Englewood 80110 (Denver)
1500 W. Hampden Avenue
Unit 3-C 303-987-4269

Connecticut

Hartford 06120
360 Market Street 203-241-6024

Florida

Tampa 33619
8507 Adamo Drive 813-837-7537

Georgia

Atlanta 30302
1299 Northside Drive, NW
P.O. Box 4808 404-885-5483

Savannah 31402
1899 Louisville Road
P.O. Box 2783 912-236-3066

Hawaii

Honolulu 96804
1030 Mapunapuna Street 808-839-9260

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Lansing 60438 (Chicago)
16750 Chicago Avenue 312-895-7721

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Overland Park 66210 (Kansas City)
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Building 6, Suite 200 913-383-6538

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Metairie 70011 (New Orleans)
3500 N. Causeway Boulevard
Suite 118 504-832-9340

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2056 Lord Baltimore Drive 301-298-2000

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Boston 01701
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P.O. Box 1060 617-237-6950

Michigan

Southfield 48037 (Detroit)
24700 Eleven Mile Road
P.O. Box 700 313-423-7343

Minnesota

Minneapolis 55416
3501 S. Highway 100 612-927-2254

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St. Louis 63146
2060 Craigshire Road 314-851-9534

New Jersey

Hillside 07205 (New York)
1447 Chestnut Avenue 201-926-7910

New Mexico

Albuquerque 87108
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New York

Buffalo 14203
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2001 W. Morehead Street
P.O. Box 32817 704-377-7710

Ohio

Cincinnati 45237
7710 Reading Road 513-948-7277

Cleveland 44135
4590 West 160th Street 216-267-6405

Oregon

Portland 97203
9442 North Ramsey Blvd 503-221-4479

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5081 West Chester Pike
Edgemont Plaza - Building C 215-353-4304

Pittsburgh 15230-1017
One Chatham Center
Washington Place & 5th Ave
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8400 John W. Carpenter Fwy 214-631-1800

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5722 Clinton Drive 713-675-9667

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Salt Lake 84104-5198
1680 S. Redwood Road 801-973-4100

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1001 East Fourth Street 804-232-8949

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Seattle 98168
10831 E. Marginal Way, South 206-292-4047

West Virginia

Huntington 25701
1029 7th Avenue 304-529-3264

Wisconsin

Elm Grove 53122 (Milwaukee)
205 Bishops Way
P.O. Box 1000 414-786-0260

*The offices which appear above represent a partial listing of Westinghouse Engineering Service offices located in the United States. For a complete list contact your closest office or call the Westinghouse Engineering Information Center at 800-441-3134. Outside of the continental U.S. call 412-928-2559.

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