

NUMERICAL INDEX — DIVISION 802
EQUIPMENT DESIGN AND GENERAL EQUIPMENT REQUIREMENTS
AND ENGINEERING INFORMATION
POWER SYSTEMS

1. GENERAL

1.01 This section provides an index of System-issued sections in Division 802.

1.02 This section reverted to Issue 1 in May 1977. Prior to that date there had been 99 issues of the section.

1.03 A bullet (●) indicates an item that has been added or changed since the previous issue of the index.

1.04 A square (◻) indicates a canceled item. Information relating to the cancellation, if necessary, will be shown in a note following the item. Canceled items and related notes will be deleted upon reissue of the index.

1.05 A heart (♥) indicates a new or reissued item which, because of its limited need, will not be distributed on standing order except through coded distribution. Additional copies may be obtained by placing regular (one-time) orders.

1.06 A spade (♠) indicates an item not on microfiche. This index indicates the latest issue for hard-copy BSPs. In some cases, the microfiche BSP will reflect the next higher issue as a result of the reduced distribution interval.

1.07 "Add" is the abbreviation for Addendum.

2. LAYERS

2.01 This division is arranged in layers as follows:

- 802-0 Indexes, General Information, and Miscellaneous Equipments
 - 1 Regulators, Battery and Charging Equipments, Control and Fuse Boards, and Power Distributing Equipment
 - 2 Inverter and Converter Equipments
 - 3 Power Supplies
 - 4 Rectifiers (See also Power Supplies)
 - 5 Submarine Cable Systems
 - 6 Power Plants — Miscellaneous and 100-Type
 - 7 Power Plants — 200-, 300-, and 400-Types
 - 8 Power Plants — 500-, 600-, and 700-Types
 - 9 Power Plants — 800- and 900-Types

3. INDEX

Section Number	Issue	Subject
802-0 INDEXES, GENERAL INFORMATION, AND MISCELLANEOUS EQUIPMENTS		

Indexes

- ♠ 802-000-000 49 Numerical Index — Division 802 — Equipment Design and General Equipment Requirements and Engineering Information — Power Systems

General

- 802-001-001 57 Checking List — Power Data (PD) Sheets
- 802-001-150 8 (J86600) - List of Reserve Power Plant Engine-Alternator Sets

Section Number	Issue	Subject
802-001-151	4	(J86500) - List of Power Plants and Miscellaneous Power Equipments
802-001-152	5	(J86200) - List of Rectifiers, Voltage Regulators, Vibrator-Inverters, Power Units, and Power Supplies
802-001-180	10	Protective Grounding Systems — General Grounding Requirements for Communication Systems in Central Offices, Radio Stations and Other Structures
802-001-181	1	Performance Requirements — For AMA No. 1 Accounting Center — Power Plant
802-001-182	2	Performance Requirements — TH Radio Tube Cooling System
802-001-190	1	Protective Grounding Systems — Equipment Ground Systems Material — General Equipment Requirements — Power Systems
802-001-191	1	Protective Grounding Systems — Office Ground Electrodes — Power Systems
802-001-192	1	Protective Grounding Systems — Equipment Ground System, Central Offices (CO GRD)
802-001-193	2	Protective Grounding Systems — Equipment Ground System, Central Offices — General Interface Requirements for DC Power and Communication Systems
802-001-194	1	Protective Grounding Systems — Equipment Ground System, Central Offices — General Interface Requirements for Manual Toll Relay Rack Ground System
802-001-195	2	Protective Grounding System — Equipment Ground System, Central Offices — General Interface Requirements for Electronic Switching Systems
802-001-196	1	Protective Grounding Systems — General Grounding Requirement for Data-Processing Computer — System Installation
802-001-197	1	Protective Grounding Systems — General Equipment Ground Requirements for Microwave Radio Main and Auxiliary Stations
802-001-198	1	Protective Grounding Systems — General Equipment Ground Requirements for AC Service Distribution Systems in Building Housing Communication Systems — Power Systems
802-002-150	6	(J86421) - J2 and "K" Carrier — Main Repeater and Terminal Stations — Power Requirements

NOTICE
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Bell System except under written agreement

SECTION 802-000-000

Section Number	Issue	Subject
802-003-150	1	(J86719) - Modification of Ringing Power Plants — To Avoid Interference With 1000-Cycle Signaling Systems
802-003-151	7	(J86720) - Modification of Power Plants — For Automatic Control and Regulation of Motor-Generator Sets and Regulated Rectifiers
802-003-152	3	(J86741) - Modification of Power Plants and Rectifiers Using KS-20522 Controller for Ammeter Type Relays
802-004-151	2	(J86735) - Power Service Equipment and Calculations
802-004-152	1	(J86734) - Ringing Generator Calculations
802-005-150	2	(J86432) - Bus Bar and Cabling Arrangements — 111A, 302A, 303A, 702C, and 708A Power Plants
802-005-180	12	Assembly and Installation of Power Plant Bus Bar and Wiring
802-005-181	1	Assembly and Installation of Cable Rack, Conduit, and Auxiliary Framing
Add 802-006-150	1	
802-006-150	1	(J86836) - Exhaust Line Size Requirements — For 20- to 500-KW — Stationary Diesel Engine-Alternator Plants
802-006-180	6	Installation of Internal Combustion Engines and Associated Piping
802-007-150	5	(J86413) - Mounting and Spacing Information — Miscellaneous Power Plant Equipment
802-007-180	7	Painting of Battery Rooms and Equipment
Miscellaneous Equipments		
802-010-150	3	(J86728) - Ventilating Equipment — For Rooms Having Engine-Driven Generators
802-011-150	1	(J85512) - Modular Cooling System Planning and Engineering Guidelines
802-015-150	3	(J85505) - Central Office Lighting — Fluorescent Type
802-015-151	5	(J85506) - Bus Duct — KS-20085 Trolley Type
802-015-152	3	(J85507) - Frame and Aisle Lighting Equipment — KS-15673 Fluorescent Type Track Integrated Fixture
802-015-153	2	(J85508) - Power and Engine Room Lighting Equipment — Fluorescent Type
802-015-154	1	(J85509) - Air Navigation Obstruction Lighting — Control and Alarm Cabinets
802-015-157	8	(J95501) - Frame and Aisle Lighting — Incandescent Type — Appliance Outlets and Miscellaneous Conduits
802-015-158	5	(J95502) - Emergency Lighting Equipment — Battery Type for Central Offices

Section Number	Issue	Subject
802-015-159	4	(J95503) - Central Office Lighting — Fluorescent Type for Distributing and Protector Frames
802-015-160	2	(J85515) - Central Office Lighting — Fluorescent Type
Add 802-025-150	1	
802-025-150	2	(J87299) - Control Equipment — Printed Wiring Board Assemblies
Add 802-026-150	1	
802-026-150	2	(J86482) - AC Service Equipment — For TH Radio System — 120/208 and 230 Volts
802-027-150	3	(J86486) - Tube Cooling System — For TH Radio System
802-028-150	3	(J86845) - Signaling Circuit — Busy Tone Supply — J86845A — 4-Wire Voice/Record Network — J86845B — Basic 911 Emergency Service
802-028-151	1	(J87353) - Precise Busy Tone Supply for Small Step-by-Step Offices
802-028-152	1	(J87395) - Interrupter Unit — 30, 60, and 120 IPM
802-029-150	12	(J86212) - Small Ringing and Signaling Equipments
Add 802-029-151	1	
802-029-151	5	(J86726) - Small Signaling Equipments
802-029-152	10	(J86727) - Small Ringing Equipment
Add 802-029-153	2	
802-029-153	1	(J86643) - Ringing Equipment — HV Ringing & — 72V Distribution for No. 5 Crossbar Long Loop Range Extenders
802-029-154	1	(J86889) - Ringing and Tone Supply — Battery and Batteryless Operation — For 810A PBX
802-029-155	1	(J85528) - 891A 0.5 Ampere — Auxiliary Ringing, Tone and Cadence System for Central Office — Nonswitched Load Applications
802-029-160	2	(J86294) - Ringing Demand Meter Equipment — For Use on 1/4-, 1/2-, 1-, 2-, 4-, and 6-Ampere 20-Hz Ringing Plants
802-030-150	1	(J86733) - Filter Units — VHF Interference Suppression
802-032-150	2	(J86276) - Cable Current Meter — Calibrating Unit
802-033-150	11	(J86725) - AC No-Voltage and Low-Voltage Alarm and Automatic Engine Alarm Equipments
802-033-151	4	(J87253) - Power Supply Transfer and Alarm Unit — Semiconductor Type — -24 Volt Input
802-034-150	3	(J86634) - Automatic Solid State Control Unit — For Reserve Diesel-Engine Alternator Plants
802-034-151	2	(J86742) - AC Reserve Energy System — Controller for Automatic Paralleling and Load Management

Section Number	Issue	Subject
802-034-152	3	(J86743) - AC Reserve Energy System — Universal Engine Control
802-034-154	3	(J85520) - Microprocessor Controller for Diesel Engine-Alternator Sets
802-035-150	1	(J87339) - Rectifier Sequence Control Unit — For 100, 300, 400, and 700 Type Power Plants
802-036-150	1	(J85517) - TRIPORT — 208 VAC/48 VDC Input — 208 VAC 5.6 KVA 60 Hz Single Phase Output
802-036-151	2	(J85518) - TRIPORT* Power Supply — 208-VAC/48-VDC Inputs — 208V and 120V Single-Phase 60-Hz 11.2- or 5.6-KVA Output
<i>* Trademark of Western Electric</i>		
802-036-155	1	(J85526) — AC TRIPORT* II UPS — 208-VAC/48-VDC Input — 208-VAC 5.6-KVA 60-Hz Single-Phase Output
<i>* Trademark of Western Electric</i>		
802-036-156	1	(J85527) — TRIPORT* II UPS — 208-VAC/48-VDC Input — 120-VAC 5.6-KVA 60-Hz Single-Phase Output
<i>*Trademark of Western Electric</i>		
802-1 REGULATORS, BATTERY AND CHARGING EQUIPMENTS, CONTROL AND FUSE BOARDS, AND POWER DISTRIBUTING EQUIPMENT		

Regulators

802-101-156	1	(J86246) - Voltage Regulator — Electronic Type — For 20-Cycle Motor Generator Sets
802-102-150	2	(J86253) - Regulator — Electronic Speed and Contact Type Voltage
802-102-156	3	(J86268) - Voltage Regulator — Magnetic Type — 115/230-Volt AC Line Regulation
Add 802-103-150	1	
802-103-150	7	(J87214) - Voltage and Current Regulator — Semiconductor Type — For Single and 3-Phase PNP Rectifiers
802-103-151	2	(J87277) - Voltage and Current Regulator — Semiconductor Type — For 3-Phase PNP Rectifiers
802-104-150	3	(J86459) - Voltage Regulator and Alarm Equipment — For A2A and A2B Video Systems — 115 Volts, 480 Volt Amperes
Add 802-105-150	1	
802-105-150	1	(J87279) - Regulator — Semiconductor Type — -19 Volts, 4.0 Amperes
802-106-150	3	(J87324) - Voltage Regulator — Semiconductor Type — +18 Volts 1.2 Amperes and -18 Volts 1.2 Amperes Output +24 Volts and -24 Volts Input

Battery Equipments

Add 802-125-150	2	
802-125-150	4	(J87120) - For 702C and 708A Power Plants

Section Number	Issue	Subject
Add 802-125-151	1	
802-125-151	6	(J87122) - Battery Stand Equipments — For 24- and 48-Volt Power Plants
802-125-152	10	(J87109) - Battery Framework and Stand Equipments for Small Power Plants — 24 and 48 Volts, 10 to 120 Amperes
Add 802-126-150	1	
802-126-150	4	(J87110) - Battery Stand Equipments for 301C Power Plants — 24 and 48 Volts, 4000 Amperes
Add 802-126-151	2	
802-126-151	4	(J87115) - Battery Stand Equipments for 302A and 302B Power Plant
Add 802-126-152	2	
802-126-152	3	(J87121) - Battery Stand Equipments for 48-Volt 303A Power Plants
Add 802-126-153	2	
802-126-153	5	(J87117) - Battery Stand Equipments — For 410-, 411-, 412-, 413-, and 414-Type Power Plants — 1 to 120 Amperes
802-127-150	1	(J87123) - For 24-Volt Power Plants — Using KS-20472 Cells and KS-20760 Stand Parts
802-127-151	1	(J87124) - For 48-Volt Power Plants — Using KS-20472 Cells and KS-20760 Stand Parts
802-127-152	1	(J87125) - Battery Stand Equipment for 140-Volt Power Plants Using KS-20472 Cells and KS-20760 Stand Parts
802-127-157	1	(J87130) - For 140-Volt Power Plants — Located in Earthquake and 10 PSI Environments — Using KS-20472 Cells and KS-20760 Stand Parts
802-127-158	1	(J87131) - Battery Stand Equipment for KS-20472 Batteries and KS-20760 Stand Parts in a 50 PSI Nuclear Blast Environment

Charging Equipments

802-151-156	9	(J87260) - For 111A, 303A, 326A, and 326B Power Plants — 24 Volts, 100 to 800 Amperes
Add 802-151-160	1	
802-151-160	5	(J87249) - Regulated — 24 to 30 Volts, 4 Amperes DC
802-152-151	10	(J87246) - Charging Equipment for 301C, 302A, and 302B Power Plants — Negative 24 and 48 Volts, 100 to 1600 Amperes
802-153-150	9	(J87261) - For 111A, 303A, 326A, and 326B Power Plants — 48 Volts, 100 to 800 Amperes
802-156-150	7	(J86284) - For 702C Power Plants — 130 Volts, 100 to 200 Amperes

Control and Fuse Boards and Power Distributing Equipment

Add 802-175-150	1	
802-175-150	10	(J86323) - Main Control Board — For 302A and 302B Power Plants — 24 and 48 Volts, 100 to 10,000 Amperes

SECTION 802-000-000

Section Number	Issue	Subject
802-175-154	1	(J85516) - Control Unit for Charge-Discharge Circuits — 24 Volt or 48 Volt Power Plants
Add 802-185-150	1	
802-185-150	8	(J86322) - Battery Control Boards — For 302A and 302B Power Plants — 24 and 48 Volts, 2000 to 10,000 Amperes
Add 802-185-151	3	
802-185-151	3	(J86325) - Battery Control Boards — For 702C Power Plants — ± 125 to ± 135 Volts, 50 to 1000 Amperes
802-185-153	6	(J86327) - Battery Control and Discharge Fuse Bays — for 303A Power Plant — 24 and 48 Volts, 0 to 2000 Amperes
802-185-185	1	Performance Requirements — For J86327 (303A) Power Plant Equipment
802-195-150	4	(J86324) - Battery Distributing Fuse Boards
802-195-151	2	(J86328) - Battery Distributing Boards
802-195-152	4	(J86329) - Battery-Distributing Circuit Breaker Board
802-195-153	2	(J86330) - Battery-Distributing — Fuse Board
802-195-154	2	(J86331) - Battery or Power Distributing Fuse Boards
802-195-155	2	(J86334) - DC Power Distributing Frame
802-195-156	1	(J85521) - Power Distributing Frame — No. 1, 1A, 2, 2B ESS, AIC No. 1A IN AIS, No. 4A CCIS/STP and TSPS No. 1

802-2 INVERTER AND CONVERTER EQUIPMENTS

Inverter Equipment

802-202-150	5	(J87266) - Inverter — 20 Hz DC-AC — 86 Volts, 6 Amperes
802-202-151	2	(J87295) - Inverter — 20 Hz DC-AC — 86 Volts, 0.25 Ampere
802-204-150	2	(J87274) - Inverter — Semiconductor Type — Regulated — 1300 VA, 60 Hertz — 230 Volts, 5.65 Amperes AC
802-205-150	1	(J87322) - Inverter — 20 Hz DC-AC — 86 Volts, 1.5 Amperes
802-205-151	1	(J87326) - Inverter — 20 Hz DC-AC — 86 Volts, 0.5 Ampere
802-205-152	1	(J87337) - Inverter — 20 Hz, 86 Volts -0.25 Ampere Output — -48 Volts DC Input — For 810A PBX
802-205-155	1	(J87415) — Inverter — 20 Hz DC-AC — 86 Volts, 0.5 Amperes
802-206-150	4	(J87428) - 59.5 Hz, 1.5 kW, 120 Volts — Single Phase
802-206-151	2	(J87429) — 59.5 Hz, 5 KW, 120 Volts — Single Phase

Section Number	Issue	Subject
Converter Equipment (See also Power Supplies)		
802-213-150	2	(J87407) - DC-to-DC Converter — Semiconductor Type—Regulated +3 Volt or -3 Volt and 4 Ampere Output — +140 and Two +24 Volt Inputs — No. 4 Toll Electronic Switching System
802-213-151	2	(J87399) - DC-to-DC Converter — Semiconductor Type — Regulated +3 Volt or -3 Volt and 8 Ampere Output — +140 and +24 Volt Inputs — No. 4 Toll Electronic Switching System
802-213-152	2	(J87409) - DC-to-DC Converter — Semiconductor Type — Regulated +3 Volt and 8 Ampere Output — -48 and Two +24 Volt Inputs — Common Channel Interoffice Signaling for No. 4A Toll Crossbar System
802-213-153	3	(J87389) - DC-to-DC Converters — Semiconductor Type—Regulated — Numbers 1A, 2B, 3, 4 ESS, TSPS and No. 5 ETS — -48 Volt and +24 Volt Inputs — +3V or -3V, 4A DC Output; +3.030V, 5A DC Output; +6V, 3A DC Output; +5V, 4A DC Output; +8.35V or -8.35V, 1.5A DC Output; +3.030V, 8A DC Output, -1V to -13V, 2A DC Output — +24 Volt Input — +3V or -3V, 2A DC Output; +5V, 2.5A DC Output
802-214-150	3	(J87380) - DC-to-DC Converter — Multiple Outputs — -48 Volt Input
802-214-157	3	(J87421) - DC-to-DC Converter — -48 Volt and Two +24 Volt Inputs — +5.000 Volt, 6 Ampere Output or +5.000 Volt, 7 Ampere Output — TSPS, No. 2B ESS, No. 3 ESS, and No. 5 ETS
802-215-150	1	(J87285) - DC to DC — 6 Volt, 11 Ampere DC Output — -48 Volt DC Input
Add 802-215-151	1	
802-215-151	3	(J87248) - For 101-Type ESS Control Unit — DC to DC — Regulated — 6 Volts 20 Amperes DC Output — 12 Volts 40 Amperes DC Output — 24 Volts 25 Amperes DC Output — -48 Volt DC Input
Add 802-215-152	2	
802-215-152	2	(J87293) - DC-to-DC Semiconductor Type — Regulated — 6.6 Volt, 84 or 126 Ampere DC Output — 24 Volt DC Input
Add 802-215-153	1	
802-215-153	1	(J87298) - For Use in No. 2 ESS Power Plant — DC to DC — Regulated — 6.7 Volt, 200 Ampere DC Output — 48 Volt DC Input
802-215-154	1	(J87340) - DC-DC — Semiconductor Type — Regulated — +6.6 Volt, 30 Ampere DC Output — +24 Volt, DC Input
Add 802-215-155	1	
802-215-155	1	(J87311) - Regulated — +6.2 Volt, 50 Ampere Output — +24 Volt Input
802-215-157	1	(J87372) - DC-to-DC, Semiconductor Type, Regulated — +6 Volt, 5-Ampere DC Output — +12 Volt, 0.75-Ampere DC Output — -24 Volt DC Input

Section Number	Issue	Subject	Section Number	Issue	Subject
802-215-158	2	(J87379) - DC to DC — Semiconductor Type — Regulated — -6.2 Volt 8-Ampere DC Output — +5.2 Volt 1.2-Ampere DC Output — -24 Volt DC Input	Add 802-223-151	2	(J87294) - DC-to-DC Semiconductor Type-Regulated — -24 Volt, 13 Ampere DC Output — +24 Volt DC Input
802-216-160	2	(J87368) - DC-to-DC Regulated — +9.25-Volt, 10-Ampere Output — 140-Volt Input	802-223-152	1	(J87283) - DC to DC — 24 Volt, 9 Ampere DC Output — -48 Volt DC Input
802-217-154	1	(J87344) - DC to DC — +6.6 Volts, 60 Amperes Output — -48 Volts, 10.5 Amperes Input — For 810A PBX Battery Reserve Power Plant	802-223-153	3	(J87338) - +24V DC, 16.0 Amperes Output — 24 Volts DC Input
802-217-155	1	(J87345) - DC to DC — +11 Volts, 4 to 16 Amperes Output — +24 Volts, 2.4 Amperes Input — For 810A PBX — Battery Reserve Power Plant	Add 802-223-154	1	
802-218-150	3	(J87204) - DC to DC — Regulated — +12 Volt, 1.5 and 2.0 Ampere DC Output — -48 Volt DC Input	♥ 802-223-154	2	(J87310) - Converter — Regulated — (+ or -) 18 or 24 Volt, 16 Ampere Output — +24 Volt Input
802-218-151	1	(J87268) - DC to DC — Regulated — +12 Volt, 0.75 Ampere DC Output — -24 Volt or -48 Volt DC Input	• Add 802-223-156	1	
Add 802-218-152	1		802-223-156	1	(J87371) - DC-to-DC Regulated — 24-Volt, 100 Ampere Output — 140-Volt Input
802-218-152	1	(J87263) - DC-to-DC Semiconductor Type — Regulated — +12 Volt, 0.7 Ampere Output — -48 Volt Input	Add 802-223-157	1	
802-218-153	1	(J87284) - DC to DC — 12 Volt, 11 Ampere DC Output — -48 Volt DC Input	802-223-157	1	(J87361) - DC-to-DC Regulated + or -24 Volt, 40-Ampere DC Output — + or -48 Volt DC Input
802-218-154	2	(J87308) - DC to DC — Regulated — ±24 Volt, 3 Ampere DC Output — -48 Volt DC Input	802-223-159	1	(J87456) - Converter DC-to-DC Regulated — ± 24 Volt 50-Ampere Output — +140 Volt Input
802-218-155	1	(J87388) DC to DC — Semiconductor Type — Regulated — +12 Volt 0.7-Ampere Output — 24 Volt DC Input	802-224-160	2	(J87288) - DC to DC — Regulated — -25 Volt, 2.5 Ampere DC Output — -20 to -26 Volt DC Input
♥ 802-218-156	1	(J87377) - DC-to-DC, Regulated — +12.1 Volt, 2-Ampere DC Output — -12.1 Volt, 2-Ampere DC Output — -5.5 Volt, 9-Ampere DC Output — -48 Volt DC Input	802-224-161	2	(J87297) - DC to DC — Regulated — 25 Volt, 10 Ampere DC Output
Add 802-218-158	2		802-226-151	1	(J87391) - DC to DC — Semiconductor Type — Regulated — +48 Volts 2 Ampere Output — -48 Volts Input
802-218-158	1	(J87378) - DC-to-DC — Regulated — -24 Volt Input — +12.1 Volt, -12.1 Volt, and -5.5 Volt Output	802-226-152	1	(J87306) - DC to DC Converter — +48 V or -48 V DC, 4.0 Amperes Output — -24V DC Input
802-218-159	1	(J87411) - Power Supply Circuit — Semiconductor Type — Regulated — Numbers 1A and 4 ESS — -48 Volt and +24 Volt Inputs — +12V, 10.5A Output; +6V, 9.3A Output, +3.06V, 17A Output — -3V, 12A Output; -12V, 10.5A Output	802-226-153	1	(J87400) - DC-to-DC Regulated — 48-Volt, 50-Ampere Output — 140-Volt Input
802-219-160	2	(J87422) - DC-to-DC Converters — Semiconductor Type — Regulated — No. 2B and No. 3 ESS, TSPS, and No. 5 ETS — -48 Volt, Two +24 Volt, and +5 Volt Inputs — +12V 2.0A and — 5V 0.05A Outputs	Add 802-226-155	1	
802-220-150	1	(J87287) - DC-to-DC Semiconductor Type — Regulated — ±18 Volt, 1.4 and 0.25 Ampere DC Output — +24 and -48 Volt DC Input	802-226-155	1	(J87408) Converter DC-to-DC Regulated ±48 Volt 100-Ampere Output — ±140 Volt Input
802-223-150	3	(J87304) - For Voice Frequency Transmission Systems — DC-to-DC Semiconductor Type — Regulated — 24-Volt, 5-Ampere DC Output — 48-Volt DC Input	802-226-156	1	(J87457) Converter DC-to-DC Regulated ±48 Volt 50-Ampere Output — +140-Volt Input
			Add 802-227-150	1	
			802-227-150	1	(J87307) - DC-to-DC Semiconductor Type — Regulated — -72 Volt, 9 Ampere Output, -48 Volt DC Input
			802-230-152	1	(J87305) - DC to DC Converter — ±130V DC, 3.33 Amperes Output — 24 Volts DC Input
			802-230-154	1	(J86879) - 670A Converter Power Plant — +130V or -130 V DC, 10.0 Amperes Output — -24V DC Input
			802-234-150	3	(J87271) - DC-to-DC Semiconductor Type — 250 Volt, 5 Ampere DC Output — 130 Volt DC Input
			802-234-151	1	(J87290) - DC-to-DC Semiconductor Type — 250 Volt, 0.015 Ampere DC Output — 3 to 10.5 Volt DC Input

SECTION 802-000-000

Section Number	Issue	Subject
802-240-150	6	(J87303) - 0- to 1800-Volt, 520- Milliampere DC Output — 24-Volt DC Input
802-242-150	1	(J87331) - DC-to-DC Converter — -48 Volt Input — +48, -42, +24, -48 Volt Outputs
Add 802-243-150	1	
802-243-150	1	(J87332) - For PBX-A10D-A2 — 6 Volts, 10 Amperes DC — 12 Volts, 6 Amperes DC — 24 Volts, 0.5 Ampere DC
802-244-150	4	(J87334) - DC-to-DC — 25-Volt, 3.5 Ampere DC Output — 20-26 Volt DC Input
Add 802-290-150	1	
802-290-150	1	(J87356) - Converter, DC-DC — Semiconductor Type, Regulated for TH3 Radio Systems

802-3 POWER SUPPLIES

General

802-300-151	4	(J86858) - For L4 and L4S Coaxial System
802-300-152	2	(J87321) - 1 and 10 Milliampere — Constant Current — 117 Volts AC Input for L4 Coaxial System
802-300-154	1	(J87397) - Remote Repeater Power Feed Terminal for Subscriber Loop Multiplexer System
♥ 802-301-150	1	(J86847) - Precise Tone, Interrupter, Transfer, and Alarm for Use With 4 Wire No. 5 Crossbar AUTOVON — 0.18 to 1.47 Volts, 1 Volt-Ampere, 350, 440, 480, and 620 Hz Tones
802-301-155	1	(J86223) - Filament Supply — Regulated — 6.3 Volts, 0.6 and 1 Ampere DC — 6.3 Volts, 1.5 Amperes AC
802-301-156	4	(J86857) - Nonreserve or Reserve Plants — +6.6, ±24, -48, and ±86 Volts, 0 to 120 Amperes
Add 802-301-160	1	
802-301-160	2	(J87296) - Semiconductor Type — Ferroresonant Regulation — +300 Volts, 0.13 Ampere DC — -150 Volts, 0.01 Ampere DC — -40 Volts, 0.01 Ampere DC — -24 Volts, 0.95 Ampere DC — ±6.4 Volts, 3.9 Amperes AC
Add 802-301-165	1	
802-301-165	3	(J87276) - Rectifier — Semiconductor Type — Ferroresonant Regulation — +24 Volts, 6 and 12 Amperes DC — +6.6 Volts, 38 Amperes DC — -24 Volts, 2 Amperes DC
802-301-166	2	(J87292) - Semiconductor Type — Ferroresonant Regulation — +24 Volts, 20 and 24 Amperes DC — +6.6 Volts, 84 Amperes DC — -24 Volts, 11 Amperes DC
Add 802-302-150	1	
802-302-150	1	(J87213) - Semiconductor Type — Manual Regulation — 11 Volts, 6 Amperes DC — 135 Volts, 0.375 Ampere DC
Add 802-302-156	1	
802-302-156	1	(J87203) - Semiconductor Type — Manual Regulation — -11 Volts, 2 Amperes DC — 135 Volts, 0.125 Ampere DC

Section Number	Issue	Subject
Add 802-302-160	1	
802-302-160	2	(J87220) - Power Supply — Semiconductor Type — Ferroresonant Regulation — 16.8 Volts 75 Amperes DC
802-304-151	3	(J87252) - Semiconductor Type — Regulated — -20 Volts, 2.5 Amperes
Add 802-304-152	1	
802-304-152	1	(J87300) - Remote Test Voltage Supply Unit — +20 to +200 Volts, 0.001 to 0.07 Ampere — -116 Volts, 0.015 Ampere
802-304-153	9	(J86498) - For T-1 Carrier and No. 1 Traffic Service Position Systems — ±24, -48, +48 Volts DC
802-304-155	1	(J86489) - Semiconductor Type — Unregulated — ±15 Volts, 0.5 Ampere DC — 20 and 48 Volts, 1 and 0.2 Ampere AC
802-304-156	3	(J87412) - For T4M Digital Line — 0 to + and -960 Volt, 835 Milliampere DC Output — +140 Volt DC Input
802-305-150	4	(J87216) - Semiconductor Type — Automatic Regulation — -21 Volts, 2.0 Amperes
802-305-151	5	(J87245) - DC-to-DC Semiconductor Type — Automatic Regulation — -21 Volts, 4 Amperes DC — -24 Volts, 3.5 Amperes DC
Add 802-305-152	1	
802-305-152	1	(J87320) - Semiconductor Type — Regulated Rectifier — +24 Volts, 0.75 Amperes — -24 Volts, 1.25 Amperes
Add 802-309-150	2	
802-309-150	3	(J86496) - ±24 Volts, 0 to 30 Amperes DC
802-309-152	1	Performance Requirements — For J86496 Power Supply — ±24 Volts, 0 to 30 Amperes
802-309-153	3	(J87255) - Semiconductor Type — Ferroresonant Regulation — -24 Volts, 16 Amperes DC
802-309-154	4	(J87254) - Semiconductor Type — Ferroresonant Regulation — -24 Volts, 48 Amperes DC
802-309-156	1	(J87281) - Semiconductor Type — Ferroresonant Regulation — -40.5 Volts 50 Milliamperes DC Output
Add 802-315-150	1	
802-315-150	2	(J86878) - For 761B PBX System — Ringing, Tones, and Interruptions — ±48 Volts, 0.3 and 4.4 Amperes DC — 10 Volts, 1.3 Amperes AC — -130 Volts, 0.05 Ampere DC
802-315-152	1	(J87358) - Semiconductor Type — Ferroresonant Regulation — -24 Volts 0.6 Amp DC Talk, -24 Volts 10 Amp DC Sig, ±10 Volts 0.3 Amp AC for 805A PBXs
802-315-153	1	(J87416) - Converter for PBX-A10D-A2 -48 VDC Input — 6 VDC 10A, 12 VDC 6A, 24 VDC 1A Outputs
802-321-150	2	(J87327) - For D2 Channel Bank — +5V — 12.2 Amp — -5V — 3.2 Amp — -12V — 3.3 Amp — +24V — 4.4 Amp — -24V — 2.0 Amp — +32V — 0.11 Amp — -32V — 0.07 Amp

Section Number	Issue	Subject
Radio Systems		
Add 802-340-150	2	
802-340-150	2	(J86835) - For TD3 Radio System Traveling Wave Tube — -7.5 Volts, 0.95 Ampere DC — 60 to 500 Volts, 0.001 Ampere DC — 1420 Volts, 0.04 Ampere DC — 2500 to 2900 Volts, 0.01 Ampere DC
802-340-151	1	(J86890) - Converter — For TD3 Radio System Traveling Wave Tube — -7.5 Volts, 0.95 Ampere DC — 60 to 500 Volts, 0.001 Ampere DC — 1420 Volts, 0.04 Ampere DC — 2500 to 2900 Volts, 0.01 Ampere DC
802-340-152	1	(J87325) - Converter Regulator — +130V Input, +475V, 100 mA Output — TD2 Radio
Add 802-341-154	2	
802-341-154	2	(J86853) - DC Power Supply — For TM Radio Traveling Wave Tubes
Add 802-341-155	1	
802-341-155	2	(J86886) - For 464A Traveling Wave Tubes — TH3 Radio Systems
802-341-160	1	(J87259) - For TJ Microwave System — AC Power Equipment
802-341-161	6	(J86473) - For TJ Radio Systems — 6.5 to 650 Volts, 0.005 to 2.0 Amperes DC — 5.3 to 117 Volts, 0.25 to 8.2 Amperes AC
802-343-150	2	(J86499) - For TL Radio System — -20 to -600 Volts, 0.01 to 1.88 Amperes DC — 43 Volts, 0.01 Ampere AC
802-343-151	4	(J87256) - For TL-2 and TM-1 Radio Systems — Semiconductor Type — Regulated — +6.4 Volts, 0.8 Ampere DC — -20 to -600 Volts, 0.01 to 1.1 Ampere DC — 43 Volts, 0.01 Ampere AC
802-343-160	1	(J86843) - For TM Radio System Traveling Wave Tube — 6.5 Volts, 0.95 Ampere DC 700 Volts, 0.001 Ampere DC — 1200 Volts, 0.035 Ampere DC — 2300 Volts, 0.01 Ampere DC
802-350-150	1	(J87431) - Power Supply for Traveling Wave Tubes — AR6A Radio System
802-350-151	1	(J87449) - Regulator and Converter — Multiple Outputs — -24 Volt Input

802-4 RECTIFIERS (See also Power Supplies)**Tube Type**

Add 802-404-151	1	
802-404-151	9	(J86227) - Regulated — 300 Volts, 0.22 Ampere DC

Tube and Semiconductor Type

Add 802-408-150	1	
802-408-150	6	(J86240) - Automatic Regulation — 130 Volts, 8 and 9 Amperes DC
Add 802-409-150	1	
802-409-150	15	(J86207) - Tube and Semiconductor Types — Regulated — 17 to 18 Volts, 0.1 to 30 Amperes DC

Section Number	Issue	Subject
Semiconductor Type — Unregulated		
802-411-150	3	(J87201) - 2.5 Volts, 200 Amperes DC — 5 Volts, 200 Amperes DC
Add 802-411-160	1	
802-411-160	8	(J86248) - For Key Telephone Systems — 20 Volts DC and 10 Volts and 18 Volts AC
802-414-150	12	(J86205) - Unregulated and Manually Regulated — 3.5 to 24 Volts, 0.1 to 6 Amperes
802-414-151	2	(J87323) - +24 Volt 1.3 Ampere, -24 Volt 1.3 Ampere Output — 117 Volts AC, 60 Hz Input
802-414-152	2	(J87341) - +24 Volt 1.2 Ampere, -24 Volt 1.2 Ampere Output — 117 Volts AC, 60 Hz Input

Semiconductor Type — Manual Regulation

802-419-150	3	(J86257) - 12 Volts, 22 Amperes
802-420-150	5	(J86256) - 120 and 130 Volts, 0.45 and 0.8 Ampere
Add 802-421-150	1	
802-421-150	2	(J86278) - 135 Volts, 0.125 and 0.375 Ampere
Add 802-421-156	1	
802-421-156	7	(J86254) - 190 and 200 Volts, 0.7 Ampere
Add 802-422-150	1	
802-422-150	5	(J86255) - 315 Volts, 0.4 Ampere

Semiconductor Type — Automatic Regulation

802-425-150	1	(J86298) - 4 Volts, 3 Amperes
802-425-156	2	(J87275) - 9 Volts, 100 Amperes
Add 802-425-161	3	
802-425-161	5	(J86244) - 12 Volts, 200 Amperes
802-425-162	1	(J87357) - Rectifier — Input: 117 Volts RMS, 60 Hertz — Outputs: Regulated +33 Milliamperes — Regulated +30, +45, +60, +75 or +105 Volts — Regulated — 14 Volts
802-425-166	2	(J87247) - 17 to 26 Volts, 1.5 to 2.0 Amperes
802-426-150	2	(J87207) - 24 Volts, 1.5 Amperes
Add 802-426-151	1	
802-426-151	3	(J87232) - 24 Volts, 30 Amperes
Add 802-426-152	1	
802-426-152	8	(J87222) - 24 Volts, 100 Amperes
Add 802-426-153	3	
802-426-153	4	(J87211) - 24 and 48 Volts, 11 Amperes
Add 802-426-156	1	
802-426-156	1	(J87328) - Automatic Ferroresonant Regulation — 24 Volts, 15 Amperes
Add 802-426-157	1	
802-426-157	1	(J87329) - Automatic Ferroresonant Regulation — 48 Volts, 15 Amperes

SECTION 802-000-000

Section Number	Issue	Subject
Add 802-426-160	1	
802-426-160	1	(J87417) - ± 24 Volts DC, 100 Amperes — Automatic Regulation — KS-20491
Add 802-428-150	3	
802-428-150	2	(J87233) - 48 Volts, 30 Amperes
Add 802-428-151	1	
802-428-151	9	(J87223) - 48 Volts, 100 Amperes
Add 802-428-156	1	
802-428-156	1	(J87418) - -48 Volts DC, 100 Amperes — Automatic Regulation — KS-20493
802-432-150	7	(J87228) - 130 Volts, 10 Amperes
802-432-151	7	(J87229) - 130 Volts, 30 Amperes
Add 802-432-152	1	
802-432-152	8	(J87224) - 130 Volts, 100 Amperes
802-433-150	1	(J87346) - 230 Volts — 60 Hz Input — -19 Volts — .175 Ampere Output TH-1 Radio Systems

Semiconductor Type — Ferroresonant Regulation

Add 802-440-150	1	
802-440-150	2	(J87221) - -3 Volts 3.5 Amperes DC — $+60$ Volts 0.15 Ampere DC — $+145$ Volts 0.045 Ampere DC
802-440-155	3	(J87419) - For CSS-201 DIMENSION® PBX — $+12.0V$ 1.4A, $+9.0V$ 4.0A, $+5.1V$ 1.25A, $+5.1V$ 3.5A, $+5.0V$ 0.5A, $-5.1V$ 2.5A, $-9.0V$ 3.5A, $-48.0V$ and $-48.0V$ 7.0A DC Output — 117V, 8A, 60 Hz AC Input and $+9.0V$ 5A, $+5.1V$ 20.5A, $+5.0V$ 0.5A, $-5.1V$ 3.5A, $-9.0V$ 4.5A, $-48.0V$ and $-48.0V$ 8.0A DC Output — 117V, 8A 60 Hz AC Input
802-441-150	2	(J87272) - -12 Volts, 0.125 Ampere DC — $+12$ Volts, 0.6 Ampere DC — $+26$ Volts, 0.25 Ampere DC — $+155$ Volts, 0.004 Ampere DC — $+200$ Volts, 0.04 Ampere DC
Add 802-441-151	1	
802-441-151	3	(J87212) - $+12$ Volts, 0.66 Ampere DC — -12 Volts, 0.28 Ampere DC — $+12$ Volts, 0.135 Ampere DC, -12 Volts, 0.135 Ampere DC
Add 802-442-150	1	
802-442-150	1	(J87267) - ± 17.5 Volts, 1.6 and 3.2 Amperes DC
Add 802-443-151	1	
802-443-151	3	(J87208) - ± 18 Volts, 0.275 Ampere DC
802-443-152	1	(J87270) - ± 18 Volts, 0.5 and 1.5 Amperes DC
802-443-153	1	(J87258) - ± 18 Volts, 0.65 Ampere DC
Add 802-443-160	1	
802-443-160	3	(J87239) - ± 20 Volts, 0.25 Ampere DC
Add 802-443-161	2	
802-443-161	2	(J87215) - ± 20 Volts, 0.5 Ampere DC
Add 802-443-162	1	
802-443-162	3	(J87240) - ± 20 Volts, 0.50 Ampere DC

Section Number	Issue	Subject
802-444-151	3	(J87234) - -24 Volts
802-444-152	1	(J87282) - -22.5 Volts, 60 to 100 Milliampere DC Output
802-444-158	1	(J87434) - Rectifier — 24 Volts, 35 Amperes
802-444-159	1	(J87436) - Rectifier — 24 Volts, 100 Amperes
802-444-160	2	(J87438) - Rectifier 24 Volts, 200 Amperes
802-444-163	1	(J87447) - Rectifier — 24 Volts, 15 Amperes
802-446-150	2	(J87241) - -48 Volts, 0.7 Ampere
Add 802-446-152	1	
802-446-152	4	(J87205) - 48 Volts, 8 Amperes
802-446-153	1	(J87342) - 6.6 Volts, 60 Amperes DC — For 810A PBX — Batteryless Power Plant
802-446-154	1	(J87343) - 24 Volts, 20 Amperes DC — For 810A PBX — Batteryless Power Plant
802-446-155	1	(J87347) - 48 Volts, 15 Amperes DC — For PBX — Batteryless Power Plant
802-446-161	1	(J87435) - 48 Volts, 35 Amperes
802-446-162	1	(J87437) - Rectifier — 48 Volts, 100 Amperes
802-446-163	2	(J87439) - Rectifier — 48 Volts, 200 and 180 Amperes
802-446-166	1	(J87448) - Rectifier — 48 Volts, 15 Amperes

Metallic Type — Manual Regulation

802-460-161	5	(J86220) - 10 Volts, 12 Amperes
Add 802-460-166	1	
802-460-166	2	(J86277) - 11 Volts, 2 and 6 Amperes
802-465-155	3	(J86265) - 130 Volts, 0.2 Ampere
802-465-156	2	(J86258) - 130 Volts, 0.65 Ampere
802-466-150	3	(J86259) - 250 Volts, 0.35 Ampere

Metallic Type — Automatic Regulation

Add 802-471-150	1	
802-471-150	2	(J86241) - 24 Volts, 1 Ampere
802-473-150	1	(J86281) - 48 Volts, 7.5 Amperes

802-5 SUBMARINE CABLE SYSTEMS

♥ 802-501-150	2	(J86806) - Ground Supply Bay for SD Submarine Cable System
♥ 802-501-151	1	(J86860) - Ground Supply Bay for SF Submarine Cable System
♥ 802-502-150	3	(J86469) - Common Control Bays — 2800 Volts, 0.26 Ampere DC
♥ 802-502-151	1	(J87291) - Equipment Units for Use With SF Submarine Cable Power and Ground Supplies

Section Number	Issue	Subject	Section Number	Issue	Subject
♥ 802-503-150	2	(J87209) - Power Equipment Units for SD Submarine Cable System	Add 802-601-152	1	
♥ 802-503-151	1	(J87301) - Plug-In Units for SF Submarine Cable Power and Ground Supplies	802-601-152	9	(J86440) - 24 Volts, 1, 1.5, 6, and 12 Amperes DC
♥ 802-510-150	1	(J87218) - Inverter for SD Submarine Cable Systems — Semiconductor Type — Automatic Regulation — 5 Volt-Amperes, 400 Cycles — 4.1 Volts, 0.03 Ampere AC — 16.6 Volts, 0.04 Ampere DC — 55 Volts, 0.09 Ampere AC	802-601-180	3	Performance Requirements — For J86440A Power Plant — 24 Volts, 6 and 12 Amperes
♥ 802-510-151	1	(J87251) - Inverter for Short Haul SD Submarine Cable Systems — Semiconductor Type — Regulated — 300 VA, 1200 Cycles — 100 Volts, 0 to 0.2 Ampere — 660 Volts, 0.45 Ampere	802-601-181	2	Performance Requirements — For J86440B Power Plant — Filament Supply — 24 Volts, 1.5 Amperes
♥ 802-515-150	1	(J86819) - Power Supply for Terminal SD Submarine Cable Systems — 420 Volts, 0.389 Ampere DC	802-601-182	1	Performance Requirements — For J86440C Power Plant — 24 Volts, 1 Ampere
♥ 802-515-151	4	(J86275) - Power Supply — Regulated — 1900 to 3200 Volts, 0.26 Ampere DC	802-605-150	2	(J86483) - For TH-1 Radio System
♥ 802-515-152	4	(J86467) - Power Supplies for Terminal and Shipboard Submarine Cable Systems — 2800 Volts, 0.26 Ampere DC	Add 802-606-153	1	
♥ 802-515-153	4	(J86468) - Power Supply — Regulator Bays — 2900 Volts, 0.26 Ampere DC	802-606-153	4	(J86454) - For Type "O" Carrier Terminals and Repeaters — 130 Volts, 0.42 to 0.84 Ampere
♥ 802-515-154	3	(J86804) - Power Supplies for Terminal and Shipboard SD Submarine Cable Systems — 6500 Volts, 0.225 to 0.43 Ampere DC	Add 802-608-150	1	
♥ 802-515-155	3	(J86805) - Power Supply Equipment for Terminal and Shipboard SD Submarine Cable Systems — 6500 Volts, 0.37 and 0.43 Ampere DC	802-608-150	2	(J86859) - 2-Wire No. 2 Electronic Switching System and Automatic Intercept Center — No. 1A in Automatic Intercept System — 6.7 Volts, 200 Amperes
♥ 802-515-181	2	Performance Requirements for J86467 Power Supply	Add 802-610-150	1	
♥ 802-516-150	1	(J86844) - DC Power Supply — 2500 or 5000 Volts 0.136-Ampere Constant Current for SF Submarine Cable System	802-610-150	2	(J86811) - For Traffic Data Summarizer — -3, -17.5, and -48 Volts, 3.5, 1.6, and 8 Amperes DC — +16.8, +17.5, +60, and +145 Volts, 75, 3.2, 0.15, and 0.045 Amperes DC
802-517-150	2	(J86902) - Constant Current DC Power Supply 2500-, 5000-, or 7500-Volt 0.657-Ampere for Use With SG Submarine Cable System	802-612-150	4	(J86431) - For Teletypewriter Switching Unit 81C1 — 48 and 115 Volts DC — 120 Volts AC
802-517-151	2	(J87413) - Equipment and Plug-In Units for SG Submarine Cable Power Supply	802-612-153	2	(J86453) - For 81D1 Teletypewriter Switching System — 48 Volts, 100 Amperes DC — 130 Volts, 20 Amperes DC — 120/208 Volts AC
802-525-150	4	(J86460) - Power Supplies for Terminal and Submarine Cable Plants	802-612-154	2	(J86658) - 3B-20 Simplex — Power Conditioning Cabinet
♥ 802-525-151	1	(J86852) - Equipment Bays for Use With SF Submarine Cable Power Supplies	802-612-180	1	Performance Requirements — For J86431 Power Plant — 48 Volts DC
802-525-180	1	Performance Requirements — For J86460 Submarine Cable System	802-612-181	1	Performance Requirements — For J86431 Power Plant — 115 Volts DC
802-6 POWER PLANTS — MISCELLANEOUS AND 100-TYPE			802-612-184	1	Performance Requirements — For J86453 Power Plant — 48 Volts DC
Miscellaneous			802-612-185	1	Performance Requirements — For J86453 Power Plant — 130 Volts DC
802-601-151	6	(J86822) - Automatic Regulation — 24 Volts, 48 Amperes	802-616-150	1	(J86848) - For PBX-A10D — 6 Volts, 11 Amperes DC — 12 Volts, 11 Aes DC — 10 Volts, 13.6 Amperes AC
			802-620-150	6	(J86635) - For 800A and 801A PBX Systems — -48 Volts 7 Amperes DC — +24 Volts 16 Amperes DC — -24 Volts 0.8 Ampere DC — 10 Volts 0.3 Ampere AC — 10 Volts 2 Amperes AC
			802-620-151	1	(J86887) - 6.6, 24 and 48 Volts Supplies — For 810A PBX — Batteryless Operation
			802-620-152	1	(J86888) - 6.6 Volt Supply — For 810A PBX — Battery Reserve Operation

SECTION 802-000-000

Section Number	Issue	Subject
802-624-150	4	(J86833) - For 1A or 1B Telephone Answering System — 24 Volts, 4 Amperes DC — 10 Volts, 0.3 Ampere AC — 15 Volts, 1.0 Ampere AC
802-626-150	5	(J86818) - For 2A Automatic Call Distributing System — Batteryless Operation — 48 Volts, 8 Amperes DC — 10 Volts, 17 Amperes AC
Add 802-626-151	3	
802-626-151	3	(J86828) - For 2A Automatic Call Distributing PBX System — Battery Reserve Operation — +10 and —48 Volts, 11 and 20 Amperes DC
802-626-152	5	(J86830) - For 3A Automatic Call Distributing System — Battery Reserve Operation — +10 Volts, 20 Amperes — Zip Tone, and 117-Volts AC Supplies
802-627-150	8	(J86812) - For No. 400 Switching System — 48 Volts, 8 Amperes DC — +48 Volts, 0.1 Ampere DC — 10 Volts, 2.1 Amperes AC

100-Type

802-652-153	5	(J86566) - 101E Power Plant — 20 to 24 Volts, 15 and 30 Ampere-Hours DC
Add 802-652-155	2	
802-652-155	8	(J86731) - 101G Power Plants — For Use On Subscriber Premises — 20 Volts, 0.6 and 0.9 Ampere DC — 10 and 18 Volts, 1.4, 2.8, and 17 Amperes AC — 20 Cycle Ringing
Add 802-652-157	1	
802-652-157	5	(J86471) - 101J Power Plant — 18 or 24 Volts, 4 Amperes DC — 18 Volts, 1.6 Amperes AC — 10 Volts, 5 Amperes AC
802-652-158	1	(J86897) - 101K Power Plant — 110 Volts, 30 Hertz AC — 10 Volts, 3 Amperes and —24 Volts, 2 Amperes DC With 15-Ampere-Hour Battery Reserve
Add 802-653-153	1	
802-653-153	10	(J86466) - 102F Power Plant — 24 Volts, 100 Ampere-Hours DC — 48 Volts, 50 Ampere-Hours DC
802-653-180	1	Performance Requirements — For J86802 (102G) Power Plant
802-654-150	6	(J86423) - 103B Power Plant — 48 and 75 volts, 0.6 Ampere DC
802-654-180	1	Performance Requirements — For J86423 (103B) Power Plant
Add 802-656-151	1	
802-656-151	5	(J86516) - 105C Power Plant — 48 Volts, 3, 10, and 20 Amperes DC
802-656-152	10	(J86446) - 105D — 48 Volts, 10, 25, and 40 Amperes DC
Add 802-656-153	1	
802-656-153	12	(J86814) - 105E Power Plant — 24 and 48 Volts, 30 Amperes DC
802-656-180	1	Performance Requirements — For J86446 (105D) Power Plant

Section Number	Issue	Subject
Add 802-659-150	1	
802-659-150	12	(J86572) - 110A Power Plants — 24 Volts, 10 to 120 Amperes DC — 48 Volts, 10 to 400 Amperes DC
Add 802-659-151	1	
802-659-151	3	(J86455) - 110B Power Plant — 24 Volts, 5 to 80 Amperes DC
802-659-160	14	(J86470) - 111A Power Plant — 22 to 26, 44 to 50, or 44 to 52 Volts — 0 to 800 Amperes — Positive or Negative Ground
802-659-180	2	Performance Requirements — For J86572 (110A) and J86455 (110B) Power Plants
802-659-186	1	Performance Requirements — For J86470 (111A) Power Plant
802-669-150	1	(J86866) - 130A Power Plant — +—24 Volts, 0 Through 70 Amperes
802-669-160	1	(J86867) - 131A Power Plant — 48 Volts, 0 Through 70 Amperes
802-669-161	1	(J85522) - 131B Battery Power Plant — 48V, 0-70 Amperes DC
802-669-162	2	(J85525) - 131C and 131D Battery Power Plants — 48 Volts, 0 Through 70 Amperes DC
<i>Issue 1 not given General Distribution</i>		
802-670-150	2	(J86868) - 132A Power Plant — +/—24 Volts, 0 Thru 140 Amperes
802-670-151	2	(J86918) - 132B Power Plant — ±24 Volts, 0 Through 140 Amperes
802-670-160	2	(J86869) - 133A Power Plant — 48 Volts, 0 Thru 140 Amperes
802-670-161	2	(J86919) - 133B Power Plant — 48 Volts, 0 Through 140 Amperes
802-679-151	3	(J86871) - 150B Power Plant +/—24 Volts, 0 Through 600 Amperes
802-679-160	2	(J86872) - 151A Power Plant — 48 Volts, 0 Through 400 Amperes — Positive or Negative
802-679-161	2	(J86873) - 151B Power Plant — 48 Volts, 0 Thru 600 Amperes
802-679-162	1	(J86917) - 151C Power Plant — 48 Volts, 0 Through 600 Amperes — Equipment Design Requirements — Power Systems
802-680-150	2	(J86908) - 152A Power Plant — 24 Volts, Positive or Negative — 0 Through 1200 Amperes
802-680-160	2	(J86909) - 153A Power Plant - 48 Volts Negative — 0 Through 1200 Amperes
802-681-150	2	(J86910) - 154A Power Plant — 24 Volts, Positive or Negative — 0 Through 2400 Amperes
802-681-160	2	(J86911) - 155A Power Plant — 48 Volts Negative, 0 Through 2400 Amperes

Section Number	Issue	Subject	Section Number	Issue	Subject
802-7 POWER PLANTS — 200-, 300-, AND 400-TYPES					
300-Type					
Add 802-726-150	2		802-755-160	4	(J86826) - 413A Plant — 70-Cell Float and Recharge Equipment for Motor-Alternator and Inverter Plants
802-726-150	4	(J86434) - 302A Power Plant — 24 and 48 Volts, 0 to 10,000 Amperes DC	802-755-163	2	(J86892) - 414B — Position Operation — 59-Cell, 125 Volts, 10 Amperes — Using Cabinet Framework
802-726-151	1	(J86636) - 302B Power Plants — Negative 24 and 48 Volts — 0 to 10,000 Amperes	802-755-166	1	(J86875) - 415A Power Plant — +140 Volt DC Operation — 70-Cell Float and Recharge Equipment
802-726-180	3	Performance Requirements — For J86434 (302A) Power Plant — 24 Volts, 0 to 10,000 Amperes — 48 Volts, 100 to 10,000 Amperes	802-755-167	1	(J87132) - Power Equipment for 415A Power Plant
802-727-150	5	(J86874) - 326A Power Plant — Combined Positive 24 Volts and Negative 48 Volts — 0 to 10,000 Amperes	802-757-150	11	(J86578) - 420A Power Plant — For Auxiliary Repeater Stations With AC Power Service — 152 Volts, 30 Amperes DC — 55 and 60 Volts AC
802-727-151	1	(J86896) - 326B Power Plant — Combined Positive 24 Volts and Negative 48 Volts — 0 to 6000 Amperes	802-759-150	9	(J86443) - 425A Power Plant — AC Service Equipment — For 12, 24, 130, and 250 Volt Power Plants
400-Type			802-759-151	8	(J86439) - 425 A Power Plant — Filament Supply — -12 Volts, 60 to 800 Amperes
Add 802-751-150	1		802-759-152	3	(J86832) - 425A Power Plant — Filament Supply — -12 Volts, 60 to 1600 Amperes
802-751-150	2	(J86577) - 403A Power Plant — 130 Volts, 0.1 to 0.6 Ampere DC	802-759-153	1	(J86435) - 425A Power Plant — Plate and Filament Supplies — -12, -24, +130, and +250 Volts
Add 802-751-152	1		Add 802-759-154	1	
802-751-152	3	(J86436) - 403C Power Plant — 130 Volts, 0.18 Ampere DC	802-759-154	6	(J86437) - 425A Power Plant — Plate Supply — 130 Volts, 0.5 to 20 Amperes DC
802-751-180	1	Performance Requirements — For J86577 (403A) Power Plant — 130 Volts, 0.6 Ampere	802-759-155	5	(J86438) - 425A Power Plant — Plate Supply — 250 Volts, 0.5 to 20 Amperes
802-751-181	1	Performance Requirements — For J86592 (403B) Power Plant — 125 or 130 Volts, 0.1 Ampere	802-759-156	4	(J86837) - 425A Power Plant — +250 Volts, 0.5 to 20 Amperes DC
802-751-182	2	Performance Requirements — For J86436 (403C) Power Plant — 130 Volts, 0.18 Ampere	802-759-160	2	(J86452) - 425B Power Plant — Plate and Filament Supplies — 12-, 24-, 130-, and 250-Volt Power Plants
802-754-150	9	(J86584) - 410A Power Plant — 130 Volts, 1 to 25 Amperes — Using Regulated Rectifiers	802-759-161	4	(J86450) - 425B Power Plant — Plate and Filament Supplies — -12 Volts, 22 Amperes DC — +130 Volts, 0.65 Ampere DC — +250 Volts, 0.35 Ampere DC
Add 802-754-151	1		802-759-162	1	(J86449) - 425B Power Plant — Plate Supply — 130 Volts, 0.5 to 5 Amperes DC — With 30 Ampere Charge Signal Supply
802-754-151	5	(J86465) - 410B Power Plants — ±130 Volts, 1 to 80 Amperes DC	802-759-180	3	Performance Requirements — For J86439 (425A) Power Plant — Filament Supply — -12 Volts, 800 Amperes
802-754-160	3	(J86862) - 411A Power Plant — Positive and Negative — 63 Cell, 130 Volts, 120 Amperes — Using Duct-Type Framework	802-759-181	3	Performance Requirements — For J86437 (425A) — Plate Supply — 130 Volts, 20 Amperes
802-754-161	3	(J86863) - 411B Power Plant — Positive and Negative — 63-Cell, 130 Volts, 120 Amperes — Using Cabinet Framework	802-759-182	3	Performance Requirements — For J86438 (425A) Power Plant — Plate Supply — 250 Volts, 20 Amperes
802-754-180	1	Performance Requirements — For J86584 (410A) Power Plant	802-759-186	1	Performance Requirements — For J86450 (425B) Power Plant — 12 Volts, 22 Amperes — 130 Volts, 0.65 Ampere — 250 Volts, 0.35 Ampere
802-754-181	1	Performance Requirements — For J86465 (410B) Power Plant			
802-755-150	4	(J86864) - 412A Power Plant — Positive and Negative — 66 Cells, 130 Volts, 120 Amperes — Using Duct-Type Framework			
802-755-151	3	(J86865) - 412B Power Plant — Positive and Negative — 66-Cell, 130 Volts, 120 Amperes — Using Cabinet Framework			

SECTION 802-000-000

Section Number	Issue	Subject
802-759-187	1	Performance Requirements — For J86449 (425B) Power Plant — Plate Supply — 130 Volts, 5 Amperes — With 30-Ampere Charge Signal Supply
802-760-150	5	(J86442) - 426A Power Plant — ± 130 Volts, 0.5 to 40 Amperes
802-760-180	1	Performance Requirements — For J86442 (426A) Power Plant — ± 130 Volts, 0.5 to 40 Amperes

802-8 POWER PLANTS — 500-, 600-, AND 700-TYPES

500-Type

802-801-150	8	(J86527) - 501A Power Plant — For Busy or Idle Line Indicating Lamps — 5 to 8.5 Volts, 59 Amperes AC
802-802-161	10	(J86617) - 504B Power Plants — Emergency AC Supply Units — 208/120 Volts, 1.85 and 6.25 KVA AC
802-802-186	1	Performance Requirements — For J86611 (504A) Power Plant — 110, 115, and 230 Volts
802-802-187	3	Performance Requirements — For J86617 (504B) Power Plant
Add 802-804-154	1	
802-804-154	6	(J86448) - 505D Power Plant — 13 Carrier 2-Motor Alternator Equipment — 230 Volts, 10 and 16 KVA AC
802-804-181	1	Performance Requirements — For J86426 (505C) Power Plants — Using Motor-Alternators for Stand-By Supply
802-804-182	1	Performance Requirements — For J86426 (505C) Power Plant — Using Motor-Alternator Continuously
802-804-183	1	Performance Requirements — For J86426 (505C) Power Plant — Auxiliary Charging Equipment
802-804-184	2	Performance Requirements — For J86447 and J86448 (505D) Power Plants
802-805-150	10	(J86724) - 506A Power Plant — 12 Volts, 0.1 KVA AC — 20 or 22 Volts, 0.25 and 0.75 KVA AC — 22 Volts, 50 VA, 0.5 and 1.5 KVA AC
802-806-186	3	Performance Requirements — For J86476 (508A) Power Plant — Continuous 230 Volts AC
802-810-150	2	(J86840) - 520A — Continuous 230 Volt AC Power
802-810-180	2	Performance Requirements — For J86840 (520A) Power Plant — 230 Volts AC
802-811-150	2	(J86854) - 521A Power Plant and Combination 505D and 521A Power Plants — 13 Carrier Inverter Plant
802-811-185	1	Performance Requirements — For J86447 and J86854 (521A) Power Plants — 13 Carrier Inverter Plant
802-813-150	3	(J86641) - 523A Power Plant — AC Power Plant With Automatic Transfer From Regular to Reserve Supply — 1.5 KW, 117 Volts, Single-Phase

Section Number	Issue	Subject
802-813-180	3	Performance Requirements — For J86641 (523A) or J86642 (524A) Power Plant — General Purpose Inverter Plant With Regular and Reserve Supply
802-814-150	2	(J86642) - 524A Power Plant — AC Power Plant With Automatic Transfer From Regular to Reserve Supply — 5 KW, 117 Volts, Single-Phase
802-815-160	1	(J86651) - 526A Power Plant — AC Power Plant With Automatic Transfer From Regular to Reserve Supply — 8.0 KW, 120 Volts, Single-Phase

600-Type

Add 802-852-150	1	
802-852-150	5	(J86497) - 610A Power Plant — DC-to-DC Converter — Positive or Negative — 130 Volts, 3.0 Amperes Output — -48 Volt Input
Add 802-852-151	1	
802-852-151	6	(J86801) - 601B Power Plant — ± 120 and ± 130 Volts, 0.75 Ampere
802-852-152	1	(J86803) - 610C Power Plant — -24 Volts, 5 Amperes DC
802-852-153	6	(J86807) - 610D Power Plant — 48 Volts, 1.5 Amperes DC
802-852-154	1	(J86901) - 610F Power Plant — Negative 48-Volt DC to Positive 65-Volt DC — 3-Ampere Converter
802-854-160	1	(J86894) - 620A Power Plant — Using DC-to-DC Converters — 24 Volts, 600 Amperes Output — 140 Volts Input
802-854-162	2	(J86922) - 620C Converter Frame — DC-to-DC Regulated — 24-Volt, 0- to 300-Ampere Output — +140-Volt Input
802-854-163	2	(J86925) - 620C Power Plant — DC-to-DC Regulated — 24-Volt, 0- to 600-Ampere Output on Each of Two Buses — 140-Volt Input
802-855-165	1	(J86898) - 625A — Using DC-to-DC Converters — 48 Volts, 300 Amperes Output — 140 Volts Input
Add 802-855-166	1	
802-855-166	1	(J86903) - 625B Power Plant — DC-to-DC Regulated — 48-Volt, 0- to 300-Ampere Output — 140-Volt Input
802-855-167	2	(J86923) - 625C Converter Frame — DC-to-DC Regulated — 48-Volt, 0- to 300-Ampere Output — +140-Volt Input
802-855-168	2	(J86926) - 625C Power Plant — DC-to-DC Regulated — 48-Volt, 0- to 600-Ampere Output on Each of Two Buses — 140-Volt Input
802-855-170	1	(J86907) - 625F Power Plant DC-to-DC Regulated — 48-Volt, 0- to 1800-Ampere Output — 140-Volt Input
802-857-150	1	(J86900) - 630A Power Plant — Using DC-to-DC Converters — 24 Volts, 300 Amperes and 48 Volts, 150 Amperes Output — 140 Volts Input

Section Number	Issue	Subject
Add 802-862-150	1	
802-862-150	6	(J86809) - 651A Power Plant — Using DC-to-DC Converters — ± 130 Volts, 2 and 5 Amperes DC
802-865-150	5	(J87309) - 660-Type Power Plant — Using DC-to-DC Converters — ± 130 Volts Output, 48 Volts Input
Add 802-865-151	1	
802-865-151	5	(J86882) - 660A Power Plant — Using DC-to-DC Converters — +130 or -130 Volts Output — -48 Volts Input — 7-Foot Duct Framework
Add 802-865-152	1	
802-865-152	5	(J86883) - 660B Power Plant — Using DC-to-DC Converters — +130 or -130 Volts Output — -48 Volts Input — 7-Foot Cabinet Framework
Add 802-865-153	1	
802-865-153	5	(J86884) - 660C Power Plant — Using DC-to-DC Converters — +130 or -130 Volts Output — -48 Volts Input — 9-Foot Duct Framework
802-865-161	1	(J86905) - 662A Converter Power Plant for Dial-Tone-First Operator Coin Trunks and Miniaturized Dial Long Lines Circuits
802-865-162	1	(J86912) - 663A Converter Power Plant for Coin Control Circuits
802-865-163	1	(J86913) - 663B Converter Power Plant for Coin Control and T1 Carrier Circuits
802-865-164	2	(J86914) - 663C Converter Power Plant for T1 Carrier Circuits
802-865-166	1	(J86920) - 664A Converter Power Plant — General Use Plant
802-866-152	2	(J86880) - 671A Power Plant — +48V or -48V DC, 16.0 Amperes Output — -24V DC Input
802-866-153	3	(J87811) - 672A Power Plant — +24V DC, 48.0 Amperes Output — -24V DC Input
802-866-157	1	(J86915) - 673A Converter Power Plant for C1 Alarm and Miscellaneous Equipment in TD-2 Radio Bays
802-866-158	2	(J86921) - 673B Converter Power Plant for Equipment in TD-2 Radio Bays
802-867-150	3	(J86891) - 680A Power Plant — 0- to 1150-Volt, 910-Milliampere DC Output — -24 Volt DC Input
802-867-151	1	(J86899) - 680B Power Plant — 0- to 1150-Volt, 835- and 910-Milliampere DC Output — +140 Volt DC Input
802-867-156	1	(J86904) - 681A Converter Power Plant for TD2 Radio

700-Type

Add 802-871-150	1	
802-871-150	3	(J86475) - 702C Power Plant — ± 125 to ± 135 Volts, 50 to 1000 Amperes DC

Section Number	Issue	Subject
802-871-180	2	Performance Requirements — For J86475 (702C) Power Plant — 130 Volts, 50 to 1000 Amperes
802-872-186	1	Performance Requirements — For J86583 (704B) Power Plant
802-872-187	1	Performance Requirements — For J86590 (704C) Power Plant
802-874-150	8	(J86827) - 708A Power Plant — ± 130 Volts, 1000 Amperes

802-9 POWER PLANTS — 800- AND 900-TYPES**800-Type**

802-901-150	1	(J86458) - 801E Power Plant — 20 Cycle $\pm$ Continuous Ringing Supply — 105 Volts, 0.5 Ampere
802-901-156	5	(J86523) - 802B Power Plant — 1000 Cycle Ringing Machine Equipment
Add 802-902-151	1	
802-902-151	9	(J86555) - 803C Power Plants — 20-Cycle Machine Ringing Equipment — KS-15816 Ringing and Coin Control Machines — 84 to 88 Volts Ringing, 6 Amperes AC — 115 to 120 Volts Coin Control, 0.5 Ampere DC
802-902-157	5	(J86451) - 804C Power Plants — 20-Cycle Machine Ringing Equipment — 84 to 88 Volts, 1 Ampere
802-902-158	2	(J86477) - 804D Power Plant — 20-Cycle Emergency Machine Ringing Equipment — KS-15532 Ringing Machine — 84 to 88 Volts, 1 Ampere
802-902-181	2	Performance Requirements — For J86555 (803C) Power Plant
802-902-186	1	Performance Requirements — For J86451 (804C) Power Plant — Ringing and Signaling
802-903-181	1	Performance Requirements — For J86428 (805C) Power Plant
Add 802-904-151	2	
802-904-151	9	(J86596) - 806D Power Plants — 20-Cycle Machine Ringing Equipment — KS-5546 Ringing Machines — 72 to 88 Volts, 0.25 Ampere — 75 to 110 Volts, 0.5 Ampere — 84 to 88 Volts, 0.5 Ampere
802-904-152	5	(J86445) - 806E Power Plant — Machine Ringing Equipment — 84 to 88 Volts, 0.25 Ampere — 94 to 101 Volts, 0.25 Ampere — 102 to 110 Volts, 0.25 Ampere
Add 802-904-153	3	
802-904-153	4	(J86456) - 806F — 20-Cycle Machine Ringing Equipment — 84 to 88 Volts, 0.25 Ampere — 90 to 120 Volts, 0.1 Ampere — 94 to 101 Volts, 0.25 Ampere — 102 to 110 Volts, 0.25 Ampere
Add 802-904-154	1	
802-904-154	4	(J86472) - 806G Power Plants — 20 Cycle Machine Ringing Equipment — KS-15804 Ringing Machines — 65 to 90 Volts, 0.25 Ampere

SECTION 802-000-000

Section Number	Issue	Subject
802-904-155	8	(J86815) - 806H Plant — Ringing and Tone Equipment — Static Ringing and Transistor Tone Generators — For No. 1 ESS Offices
802-904-160	2	(J86816) - 807B Power Plants — Call Progress Tone Equipment — Transistor Tone Generators and Rotary Interrupters
802-904-162	4	(J86829) - 807D Power Plants — Dial Tone Supply and Signaling Equipment for Use With "TOUCH-TONE®" Dial Tone — 350 and 440 Hertz — 1.2 to 23 Volts, 1 and 35 Volt-Amperes
802-904-163	1	(J86839) - 807E Power Plant — Tone Supplies for No. 1 TSPS Office — 30-, 60-, and 120-IPM Interrupter Loop Signaling — 0.18 Volt, 1 Volt-Ampere, 480/620 Cycles — 0.29 Volt, 1 Volt-Ampere, 480 Cycles — 0.36 Volt, 1 Volt-Ampere, 440/480 Cycles
802-904-164	2	(J87813) - 807F — Signaling Equipment — "TOUCH-TONE®" Dial Tone — Power Supply
802-904-165	3	(J87814) - 807G — Signaling Equipment — Precise Busy-Tone Power Supply for Step-by-Step Offices
802-904-181	1	Performance Requirements — For J86596 (806D) Power Plant — Ringing and Signaling
802-904-182	1	Performance Requirements — For J86445 (806E) Power Plant
802-904-183	1	Performance Requirements — For J86456 (806F) Power Plant — Ringing and Signaling
802-905-155	7	(J87801) - 812A Power Plant — Ringing and Tone Power Plant — For No. 1 ESS Offices
Add 802-906-150	2	
802-906-150	9	(J86834) - 808A Plant — Ringing and Tone Power Plant — For No. 1 ESS Offices
802-908-160	2	(J87822) - 820A — Ringing, Tone, and Interrupter Power Plant for No. 4 ESS Toll Offices
802-910-150	1	(J87803) - 831A Power Plant — Ringing and Tone Equipment — Static Ringing and Transistor Tone Generators — For No. 2 ESS 4-Wire Offices
802-915-150	4	(J87804) - 841A Plant — Ringing and Tone Power Plant — For No. 2 ESS Offices
802-921-150	2	(J87807) - 852A Power Plant — Ringing and Tone Power Plant — For No. 5 Crossbar Offices
802-922-150	2	(J87809) - 853A Power Plant — Ringing and Tone Power Plant — For No. 5 Crossbar Offices
802-925-150	1	(J87820) - 856A Power Plant — Ringing, Tone, and Interrupter Power Plant for No. 4A Toll and Crossbar Tandem Offices
802-926-150	1	(J87821) - 857A Power Plant — Ringing, Tone, and Interrupter Power Plant for No. 4A Toll and Crossbar Tandem Offices

Section Number	Issue	Subject
802-930-155	1	(J87812) - 861A Power Plant — Ringing and Tone Power Plant — For No. 1, 350A and 355A Step-by-Step Offices
802-931-150	2	(J87810) - 862A Power Plant — Ringing and Tone Power Plant — For No. 1 and 350A Step-By-Step Offices
802-932-150	3	(J86881) - 863A — Ringing and Tone Power Plant — For No. 1 and 350A Step-By-Step Offices
802-938-150	1	(J87819) - 871A Ringing Power Plant — ±105 Volt Continuous Ringing
802-939-150	1	(J87808) - 872A Ringing Power Plant — 105V Continuous Ringing
802-940-150	2	(J86855) - 873A Power Plant — 20 Cycle, ± Continuous Ringing — 105 Volts, 5 Amperes
802-943-150	1	(J87824) - 881A Miscellaneous Power Frame and the Ringing, Tone, and Cadence System — For No. 3 ESS Offices
802-943-151	1	(J87825) 881B Miscellaneous Power Frame and the Ringing, Tone, and Cadence System for No. 3 ESS Offices

900-Type — General

802-950-152	1	(J86632) - 900-Type Power Plants — Method for Determining Motor Starting Capacity — Of Engine-Alternators
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900-Type — Gasoline Plants

802-956-180	2	Performance Requirements — For J86618 (900-Type) Power Plants — Automatic or Manual Control
802-956-181	1	Performance Requirements — For J86618J and J86618K (900-Type) Power Plants — Automatic Control

900-Type — Diesel Plants

802-961-151	1	(J86627) - 900-Type Power Plants — Stationary Diesel Engine-Driven Alternator — 208 to 240 and 416 to 480 Volts, 500 KW — Automatic and Manual Control — General Information
802-961-180	2	Performance Requirements — For J86633 (900-Type) Power Plants — Manual Control
802-961-181	2	Performance Requirements — For J86633 (900-Type) Power Plants — Automatic Control
802-961-182	3	Performance Requirements — For J86627 (900-Type) Power Plants — Manual Control
802-961-183	2	Performance Requirements — For J86627 (900-Type) Power Plants — Automatic Control
802-963-180	1	Performance Requirements — For J86625 (900-Type) Power Plants — Automatic or Manual Control
802-963-181	1	Performance Requirements — For J86625C (900-Type) Power Plant — Automatic Control

Section Number	Issue	Subject	Section Number	Issue	Subject
802-963-182	1	Performance Requirements — For J86620 (900-Type) Power Plants	Add 802-980-151	1	
802-963-183	2	Performance Requirements — For J86614 (900-Type) Power Plants	802-980-151	4	(J86637) - 900-Type Power Plants — Gas Turbine Engine-Driven Alternator — 208 to 240 and 416 to 480 Volts, 200 KW — 3-Phase, 60 Cycles
Add 802-964-152	1		802-980-152	2	(J86644) - 900-Type Power Plants — Gas Turbine Engine-Driven Alternator — 480 and 4160 Volts, 2100 and 2500 KW — 3-Phase, 60 Hz
802-964-152	2	(J86842) - 900-Type Power Plants — Automatic Diesel Engine-Driven Alternators — 208 to 240 Volts, 115 KW — 3-Phase, 4-Wire, 1800 RPM	802-980-153	3	(J86653) - 900-Type Power Plants — Stationary Gas Turbine Engine-Driven Alternator — 208, 230/240, 480, or 4160 Volts, 900 KW (Peak)/750 KW (Base) — Manual and Automatic Control
802-964-153	5	(J86841) - 900-Type Power Plants — Automatic Diesel Engine-Driven Alternator Plants — 30-115 Kilowatts, 208 to 240 Volts, 75-115 Kilowatts, 416 to 480 Volts, 3-Phase, 4-Wire, 1800 RPM Equipment — Design Requirements Power System	802-980-154	1	(J86654) — 900-Type Power Plants — Gas Turbine Engine-Driven Alternator — 208 to 240 and 416 to 480 Volts, 435 to 500 KW 3-Phase, 60 Hz
802-964-154	3	(J86645) - Manual Diesel Engine-Driven Alternator Plants — 30-115 Kilowatts, 208 to 240 Volts and 75-115 Kilowatts, 416 to 480 Volts, 3-Phase, 4-Wire, 1800 RPM	802-980-155	1	(J86655) — 900-Type Power Plants — Gas Turbine Engine-Driven Alternator — 480 Volts and 4160 Volts, 1250 to 1500 KW 3-Phase, 60 Hz
Add 802-964-155	1		802-980-180	1	Performance Requirements — For J86838 (900-Type) Power Plants — Manual Control
802-964-155	1	(J86647) - 900-Type Power Plants — Manual Diesel Engine-Driven Alternator Plants — 115 KW, 208 to 240 Volts, 3-Phase, 4-Wire, 1800 RPM	802-980-181	1	Performance Requirements — For J86838 (900-Type) Power Plants — Automatic Control
802-964-156	3	(J86657) - 900 Type Power Plants — Diesel Engine-Driven Alternator — 24 or 28 Kilowatts, 208-240V, 60 Hz, 3 ϕ , 4 Wire — 24 or 28 Kilowatts, 230-240V, 60 Hz, 1 ϕ , 3 Wire — 40 Kilowatts, 208-240V, 60 Hz, 3 ϕ , 4 Wire — 40 Kilowatts, 230-240V, 60 Hz, 1 ϕ , 3 Wire	802-980-182	1	Performance Requirements — KS-19896 Gas Turbine Engine-Alternator — 200-KW Plant (J86637)
802-964-180	1	Performance Requirements — For J86628 (900-Type) Power Plants	802-980-183	2	Performance Requirements — KS-20542 Gas Turbine Engine-Alternator — 200kW Plant (J86637)
802-964-181	1	Performance Requirements — For J86629 (900-Type) Power Plants	802-980-184	1	900-Type Power Plants — KS-22673 Gas Turbine Engine Alternator — 900 KW (Peak)/750 KW (Base) Plant J86653 — Performance Requirements
802-964-183	2	Performance Requirements — For J86842 (900-Type) Power Plants — Automatically Controlled	802-980-185	1	Performance Requirements — KS-20460 Gas Turbine Engine-Alternator — 2100kW and 2500-kW Plants (J86644)
802-964-184	2	Performance Requirements — KS-22344 Diesel Engine Alternator — 40-KW and 24-KW Plant (J86657)	802-980-186	1	Performance Requirements — KS-21264 Gas Turbine Engine-Alternator — 435 to 500-kW Plants (J86654)
Add 802-965-150	1		802-980-187	1	Performance Requirements — KS-21879 Gas Turbine Engine-Alternator — 1250 to 1500 kW Plants (J86655)
802-965-150	2	(J86631) - 900-Type — Stationary Diesel Engine-Driven Alternator — Automatic and Manual — 208 to 240 or 416 to 480 Volts, 225 KW — 3-Phase, 60 Cycles	Add 802-981-150	1	
802-965-180	2	Performance Requirements — For J86631 (900-Type) Power Plants — Manual Control	802-981-150	1	(J86646) - 900-Type Power Plants — Automatic Reserve Power Plants — 480 or 4160 Volts, 2.1 to 7.5 Megawatts
Add 802-965-181	1		802-981-151	1	(J86740) - System Control Bay for Parallel Stand-by Alternators
802-965-181	2	Performance Requirements — For J86631 (900-Type) Power Plants — Automatic Control			
900-Type — Engine Alternator Plants					
Add 802-980-150	2				
802-980-150	4	(J86838) - 900-Type Power Plants — Stationary Gas Turbine Engine-Driven Alternator — 208, 230, 240, 480, or 4160 Volts, 750KW — Manual and Automatic Control			