

POWER SYSTEMS
EQUIPMENT TEST LIST
FOR
POWER PLANTS AND POWER SUPPLY
LOCATED ON TELEPHONE CO PREMISES

SEE SECTION 010-300-011 FOR EQUIPMENT TEST LIST INSTRUCTION.

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
167-705-301	4		702C POWER PLANT ARRANGED FOR AUTOMATIC START			
			CONTROL OPERATING METHODS			
		4.03	<i>BAT Voltmeter Accuracy Check</i>	<i>MW</i>	<i>12M</i>	
		4.04	<i>CB Reverse Current and CC Relay Check</i>	<i>MW</i>	<i>6M</i>	
		4.05	<i>Overload Relay Associated with Generators</i>	<i>MW</i>	<i>6M</i>	
		4.13	<i>35-Type Fuse</i>	<i>MW</i>	<i>6M</i>	
		4.14	<i>70-Type Fuse</i>	<i>MW</i>	<i>6M</i>	
		4.15	<i>Fuse Alarms—Alarm-Type Fuse Shunting a Larger Fuse</i>	<i>MW</i>	<i>6M</i>	
		4.16	<i>Fuse Alarms—Circuits Supplied Through an Alarm-Type Fuse</i>	<i>MW</i>	<i>6M</i>	
		4.17	<i>Charging Unit Failure Alarm</i>	<i>MW</i>	<i>6M</i>	
		4.22	<i>High- and Low-Voltage Alarms</i>	<i>MW</i>	<i>6M</i>	
		4.23	<i>Voltage Unbalance Alarm in Plants with Both Positive and Negative Batteries</i>	<i>MW</i>	<i>6M</i>	
		4.24	<i>Voltage Controller Float Alarm</i>	<i>MW</i>	<i>6M</i>	
		4.25	<i>130V HL or EM CELL SW Lamps</i>	<i>MW</i>	<i>6M</i>	
		4.28	<i>High-Voltage Shutdown and Low-Voltage Alarms on Plants with All Voltage-Regulated Rectifiers</i>	<i>MW</i>	<i>6M</i>	
		4.29	<i>High-Voltage Shutdown on G-Zero Rectifiers</i>	<i>MW</i>	<i>6M</i>	
		4.30	<i>Alarm Check—Plants of Less than 24-Ampere Capacity</i>	<i>MW</i>	<i>6M</i>	
		4.31	<i>Alarm Multiple</i>	<i>MW</i>	<i>6M</i>	
167-705-306	3		702C POWER PLANT MANUAL START CONTROL			
		4.03	<i>Check Charging Units Not Supplying Load</i>	<i>MW</i>	<i>3M</i>	
		4.04	<i>Check Float Voltage Limits</i>	<i>MW</i>	<i>3M</i>	
		4.05	<i>Check Emergency Cells and Countercells</i>	<i>MW</i>	<i>3M</i>	
		4.06	<i>Check DC Output Voltage</i>	<i>MW</i>	<i>W</i>	
		4.07	<i>Check Motor-Driven Rheostat</i>	<i>MW</i>	<i>12M</i>	
		4.08	<i>Check Manually Operated Rheostat</i>	<i>MW</i>	<i>12M</i>	
		4.09	<i>Check Manual Field Rheostat for Charging Emergency Cells</i>	<i>MW</i>	<i>12M</i>	
		4.10	<i>Check OL (Overload) Relay</i>	<i>MW</i>	<i>12M</i>	
		4.11	<i>Check AR Ammeter Relay</i>	<i>MW</i>	<i>12M</i>	
		4.12	<i>Check Fuse Alarms</i>	<i>MW</i>	<i>12M</i>	
		—	<i>Calibrate Voltmeter</i>	<i>MW</i>	<i>12M</i>	

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B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
167-705-306	3		(Cont)			
		—	<i>Inspect for Loose Connections and Hot Fuses</i>	<i>MW</i>	<i>3M</i>	
167-706-306	1		704B POWER PLANT			
			34 AND 48 VOLT POSITIVE & NEGATIVE			
		3.03	<i>Check Rectifier Operation</i>	<i>MW</i>	<i>3M</i>	
		3.06	<i>Check Float Voltage</i>	<i>MW</i>	<i>W</i>	
		4.02	<i>Check Chg-Dischg Fuse Alarms</i>	<i>MW</i>	<i>12M</i>	
		4.03	<i>Check High-Low Voltage Alarm</i>	<i>MW</i>	<i>12M</i>	
		4.04	<i>Check Voltage Unbalance Alarm</i>	<i>MW</i>	<i>12M</i>	
167-706-311	4		704C (J86590) POWER PLANT 48 VOLTS			
			OPERATING METHODS			
		4.02	<i>Panel Voltmeter Accuracy Check</i>	<i>MW</i>	<i>2Y</i>	
		4.03	<i>Float Voltage Adjustment</i>	<i>MW</i>	<i>M</i>	
		4.04	<i>Charge Voltage Adjustment</i>	<i>MW</i>	<i>M</i>	
		4.05	<i>Rectifier Transfer Check</i>	<i>MW</i>	<i>6M</i>	
		4.06	<i>Regulation Tube Failure Check</i>	<i>MW</i>	<i>6M</i>	
		4.07	<i>Power Failure Check</i>	<i>MW</i>	<i>6M</i>	
		4.08	<i>Rectifier Electron Tube Failure</i>	<i>MW</i>	<i>6M</i>	
		4.09	<i>Regulator Failure Alarm</i>	<i>MW</i>	<i>6M</i>	
		4.10	<i>Discharge Fuse Failure Alarm</i>	<i>MW</i>	<i>6M</i>	
		4.11	<i>Rectifier Failure Alarm</i>	<i>MW</i>	<i>6M</i>	
		4.12	<i>High-Low Voltage Alarm</i>	<i>MW</i>	<i>6M</i>	
		4.13	<i>Voltage Unbalance Alarm</i>	<i>MW</i>	<i>6M</i>	
		—	<i>Calibrate Voltmeter</i>	<i>MW</i>	<i>12M</i>	
		—	<i>Check for Loose Connections and Hot Fuses</i>	<i>MW</i>	<i>3M</i>	
167-708-301	2		708A POWER PLANT			
		—	<i>Check Float Voltage</i>	<i>MW</i>	<i>W</i>	
		4.03	<i>Check Fuse Alarms</i>	<i>MW</i>	<i>12M</i>	
		4.04-	<i>Check Emergency</i>	<i>MW</i>	<i>3M</i>	
		4.06	<i>Cell Switch</i>			
		4.07-	<i>Check Fuse</i>	<i>MW</i>	<i>12M</i>	
		4.10	<i>Alarms</i>			
		4.11	<i>Check Rectifier Failure Alarm</i>	<i>MW</i>	<i>12M</i>	
		4.12	<i>Check Float Alarm</i>	<i>MW</i>	<i>12M</i>	
		4.14-	<i>Check Rectifier</i>	<i>MW</i>	<i>3M</i>	
		4.17	<i>Operation</i>			
		4.18	<i>Voltage Control Alarms Check</i>	<i>MW</i>	<i>12M</i>	

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B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
167-708-301	2		(Cont)			
		4.19	High-Low Voltage Alarms	MW	12M	
		4.20	Check Alarm Multiple	MW	12M	
167-721-301	2		801E RINGING POWER PLANT			
		3.01	Test Run G2 Machine	MW	M	
		3.02				
		(a)	Check Power Supply Failure Alarm	MW	12M	
		(b)	Check Ringing Failure Alarm	MW	12M	
		(c)	Restore Plant to Normal	MW	12M	
		(d)	Check Fuse Alarms	MW	12M	
167-721-311	3		803C POWER PLANT			
		4.03	Check Fuses and Test Fuse Failure Alarm	MW	12M	
		4.04-	Check Ringing Generator	MW	6M	
		4.10	and Control			
		4.11	Test Ringing Circuit Interrupting and	MW	12M	
			Distributing Equipment Fuses			
		4.12-	Check Reserve Coin	MW	6M	
		4.17	Control Supply			
		4.19-	Check Tripping	MW	6M	
		4.22	Supply			
		4.23	Test Howler Equipment Alarms	MW	12M	
		4.24	Test Dial Tone Alarm and Transfer	MW	6M	
		4.25	Test Low-Voltage Alarm	MW	12M	
		4.26	Test Low-Voltage Alarm and Transfer	MW	6M	
		4.27-	Test 135-Hertz	MW	6M	
		4.30	Supply			
		4.31-	Test Machine Ringing No Voltage Alarm	MW	12M	
		4.34	(No. 5 Crossbar Only)			
		4.35	Test Code Ringing Applique	MW	12M	
			(No. 5 Crossbar Only)			
		4.36	Test Ringing Alarm Supply Fuses	MW	12M	
		4.37	Charge HV Capacitor	MW	18M	
167-722-311	2		804C RINGING POWER PLANT			
		3.02	Check Output Voltage AC Machine	MW	W	
		3.03	Check Output Voltage DC Machine	MW	W	
		3.04	Check Tones	MW	W	
		3.05	Check Howler	MW	W	

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B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
167-722-311	2		(Cont)			
		3.06	Test Automatic Transfer Due to Power Failure	MW	6M	
		3.07	Test Automatic Transfer Due to Low or High Ringing Voltage	MW	6M	
		3.08	Test Automatic Transfer Due to Tone Failure	MW	6M	
		3.09	Test Manual Transfer	MW	W	
		3.10	Test All Fuse Alarms	MW	12M	
		3.11	Check Positive and Negative Coin Control Rectifier Voltage	MW	3M	
		3.12	Check Positive and Negative Coin Control Battery Voltage	MW	6M	
		3.13	Check Power Failure Transfer	MW	6M	
		3.14	Check Superimposing Batteries	MW	3M	
		3.15	Check Tripping Batteries	MW	3M	
167-722-316	2		804D EMERGENCY RINGING POWER PLANT			
		4.01	Check Output Voltage	MW	12M	
		4.02	Check Fuse Alarms	MW	12M	
		4.03	Check No Voltage Alarm	MW	12M	
		4.04	Check Power Audible Alarm	MW	12M	
		4.05	Operate Ringing Machine	MW	12M	
167-723-311	3		805C RINGING POWER PLANT			
		4.01	Transfer Load	MW	W	
		4.02	Check Output Voltage on G1 and G2 Ringing Machines	MW	W	
		4.03	Test Automatic Transfer Due to Low Ringing Voltage	MW	6M	
		4.04	Test Automatic Transfer Due to High Ringing Voltage	MW	6M	
		4.05	Test Automatic Transfer Due to Tone Failure	MW	6M	
		4.06	Test Automatic Transfer Due to Interrupter Gear Failure	MW	6M	
		4.07	Check Tripping and	MW	3M	
		4.08	Supply Battery			
		4.09	Check Fuse Alarms	MW	12M	

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B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
167-723-311	3		(Cont)			
		4.10	Check Low and High Tones	MW	W	
167-723-316	2		805C (J86428B) POWER PLANT			
			130 VOLT SUPPLY			
		2.09	Check Output Voltage	MW	W	
		2.10	Boost Charge + 130 Volt Storage Battery	MW	3M	
		3.01	Check Water Level and General Condition	MW	3M	
			of Countercells			
		3.02	Check Dry Cells	MW	6M	
		3.03-	Test	MW	12M	
		3.06	Alarms			
167-724-321	3		806E RINGING POWER PLANT			
		3.01	Start and Stop Inverter	MW	3M	
		3.02	Start and Stop Interrupter	MW	3M	
		3.03	Check Tripping Batteries	MW	6M	
		3.05	Test Alarms	MW	12M	
		3.06	Replace 313-C Electron Tube	MW	24M	
167-724-326	3		806F RINGING POWER PLANT			
		4.02	Check Automatic Transfer Due To	MW	3M	
			Power Failure			
		4.03	Stop and Start Inverter	MW	3M	
		4.04	Stop and Start Interrupter	MW	3M	
		4.05	Check Interrupter Transfer	MW	6M	
		4.06	Start and Stop Auxiliary Interrupter	MW	3M	
		4.07	Check Auxiliary Interrupter Transfer	MW	6M	
		4.08	Start and Stop Ringing Generator	MW	3M	
		4.09	Check Ringing Generator Transfer	MW	6M	
		4.10	Start and Stop Tone Generator	MW	3M	
		4.11	Check Tone Generators Transfer	MW	6M	
		4.12	Check Tripping Batteries	MW	6M	
		4.13	Check Dial Transfer	MW	6M	
		4.14-	Check Fuse	MW	12M	
		4.15	Alarms			
		4.16	Check NV Alarms (If Provided)	MW	12M	
		4.17	Replace 313C Electron Tube	MW	2Y	
167-724-331	5		806H RINGING AND TONE POWER PLANT			
		4.08	DC Balance Checks	MW	6M	

EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
167-724-331	5		(Cont)			
		4.09	<i>TOUCH-TONE® Dial Tone Voltage Check</i>	<i>MW</i>	<i>12M</i>	
		4.10	<i>Audible Ringing Tone and Precedence Audible Ringing Tone Voltage Check</i>	<i>MW</i>	<i>12M</i>	
		4.11	<i>High Tone Voltage Check</i>	<i>MW</i>	<i>12M</i>	
		4.12	<i>Low Tone Voltage Check</i>	<i>MW</i>	<i>12M</i>	
		4.13	<i>Call Waiting Tone, Busy Verification Tone, and Conference Notification Voltage Check</i>	<i>MW</i>	<i>12M</i>	
		4.14	<i>Pre-Empt Tone Voltage Check</i>	<i>MW</i>	<i>12M</i>	
		4.15	<i>Low-Voltage Monitor Test</i>	<i>MW</i>	<i>6M</i>	
		4.16	<i>High-Voltage Monitor Test</i>	<i>MW</i>	<i>6M</i>	
		4.17	<i>Ringing Monitor Checks (Superimposed Offices)</i>	<i>MW</i>	<i>6M</i>	
		4.18	<i>Ringing Monitor Checks (AC-DC Offices)</i>	<i>MW</i>	<i>6M</i>	
		4.19	<i>Pulsing Signal Output Check</i>	<i>MW</i>	<i>6M</i>	
		4.20	<i>Tone Signal Alarm Check</i>	<i>MW</i>	<i>6M</i>	
		4.21	<i>Oscillator Voltage Check</i>	<i>MW</i>	<i>12M</i>	
		4.22	<i>Amplifier Voltage Check</i>	<i>MW</i>	<i>12M</i>	
		4.23	<i>Low-Voltage Monitor</i>	<i>MW</i>	<i>6M</i>	
		4.24	<i>Transfer and Alarm Checks</i>	<i>MW</i>	<i>6M</i>	
		4.25	<i>Fuse Alarm Checks</i>	<i>MW</i>	<i>6M</i>	
		4.26	<i>Interrupter Checks</i>	<i>MW</i>	<i>6M</i>	
		4.27	<i>Distribution Circuit Checks</i>	<i>MW</i>	<i>6M</i>	
		4.28	<i>Ground Cross-Detection Checks</i>	<i>MW</i>	<i>6M</i>	
167-725-306	3		807B TONE POWER PLANT			
		4.02	<i>Check Output Voltages and Frequencies</i>	<i>MW</i>	<i>6M</i>	
		4.05	<i>Circuit Checks</i>			
		1-6	<i>Voltage Regulator 1</i>	<i>MW</i>	<i>6M</i>	
		7-14	<i>Tone Generator 1</i>	<i>MW</i>	<i>6M</i>	
		15-33	<i>Voltage Monitor 1</i>	<i>MW</i>	<i>6M</i>	
		34-35	<i>Tone Generator 2, Voltage Regulator 2, and Voltage Monitor 2</i>	<i>MW</i>	<i>6M</i>	
		36-37	<i>FA Alarm</i>	<i>MW</i>	<i>6M</i>	
		38-45	<i>HLVM, HLV1, HLV2, HLF1, and HLF2 Alarms Associated With GEN 1</i>	<i>MW</i>	<i>6M</i>	
		46-50	<i>HLVM, HLV1, HLV2, HLF1, and HLF2 Alarms Associated With GEN 2</i>	<i>MW</i>	<i>6M</i>	
		51-53	<i>Generator Failure Transfer Circuit</i>	<i>MW</i>	<i>6M</i>	

EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
167-725-306	3		(Cont)			
		54-56	Interrupter Failure Transfer Circuit	MW	6M	
167-725-311	4		807C TONE POWER PLANT			
		4.01	Check Output Voltages and Frequencies	MW	6M	
		4.03	Check Alarms	MW	12M	
		4.04	Check Generator Failure Transfer Circuit	MW	6M	
167-725-315	3		807D TONE POWER PLANT			
		4.01	Check Voltages	MW	6M	
		4.03	Check Alarms	MW	12M	
		4.04	Check Generator Failure Transfer Circuit	MW	6M	
		4.05	Check 35VA Amplifier Failure Transfer Circuit	MW	6M	
167-725-316	1		807E TONE POWER PLANT			
		5.04	Check Oscillators	MW	6M	
		5.05	Check Amplifiers	MW	6M	
		5.06	Check Low-Voltage Monitors	MW	6M	
		5.07	Check High-Voltage Monitors	MW	6M	
		5.09	Check Interrupter	MW	6M	
		5.10	Check Interrupter Monitors	MW	6M	
		5.11	Check Tone Distribution	MW	6M	
		5.12	Check Ground Cross-Detection Relays	MW	6M	
167-725-317	1		807F (J87813) TONE POWER PLANT			
		4.04	Clean Ventilating Passages	MW	3M	
		4.05	Input Voltage Check	MW	M	
		4.06	Transfer and Alarm Check for Power Plants	MW	6M	
			Used With Crossbar and Panel Systems			
		4.07	Transfer and Alarm Checks for Power Plants	MW	6M	
			Used With Step-by-Step Systems			
		4.08	Amplifier Checks	MW	6M	
167-725-318	1		807G TONE POWER PLANT			
		4.02	Check Low Voltage Monitor	MW	6M	
		4.03	Check 1-VA Amplifier	MW	6M	
		4.04	Check Fuse Alarms	MW	12M	
167-726-301	3		808A RINGING AND TONE POWER PLANT			
		4.04	Check Tone Distribution Circuit	MW	6M	
		4.05	Check Filter Output Voltage	MW	6M	
		4.06	Check Ringing—Distribution Circuit	MW	6M	

EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
167-726-301	3		(Cont)			
		4.07	Checking Operation of High- and Low-Voltage Control Relays	MW	6M	
		4.08	Checking Operation of Transfer Relays	MW	6M	
		4.09-	Check	MW	12M	
		4.11	Alarms			
167-727-301	1		RINGING AND TONE POWER PLANT 812A (J87801)			
			OPERATING METHODS			
		4.02	Tests of Oscillators ("0" Side of Plant)	MW	6M	
		4.03	Tests of Oscillators ("1" Side of Plant)	MW	6M	
		4.04	Tests of Oscillators (Simulated Audible Ringing Tone Generators)	MW	6M	
		4.05	Tests and Adjustments of Amplifiers ("0" Side of Plant)	MW	12M	
		4.06	Tests and Adjustments of Amplifiers ("1" Side of Plant)	MW	12M	
		4.07	Tests and Adjustments of Amplifiers (Simulated Audible Ringing Tone)	MW	12M	
		4.08	Tone Monitor Checks ("0" Side of Plant)	MW	6M	
		4.09	Tone Monitor Checks ("1" Side of Plant)	MW	6M	
		4.10	Tone Monitor Checks (Simulated Audible Ringing Tone Generator)	MW	6M	
		4.11	PF0 Monitor (Superimposed Offices Only) Checks	MW	6M	
		4.12	PF1 Monitor (Superimposed Offices Only) Checks	MW	6M	
		4.13	Pulsing Signal Output Check	MW	12M	
		4.14	Tone Signal Alarm Check	MW	12M	
		4.15	Interrupter Follow Relay Checks	MW	12M	
		4.16	Distribution Circuit Check	MW	12M	
		4.17	Battery Distribution Fuse Alarm Check	MW	12M	
		4.18	Ringling Distribution Fuse Alarm Check	MW	12M	
167-731-301	1		RINGING AND TONE POWER PLANT 861A (J87812)			
		4.02	Adjustment of Power Failure Alarm	MW	6M	
		4.03	Adjustment of Tone Low-Voltage Monitors	MW	6M	
		4.04	1-VA Amplifier Adjustment	MW	12M	

EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
167-731-301	1		(Cont)			
		4.05	Adjustment of the 35-VA Dial Tone Amplifier	MW	12M	
			Distribution Fuse Alarm Checks			
		4.06	Fuse Alarms	MW	12M	
167-732-301	1		841A RINGING AND TONE POWER PLANT			
		4.02-	Check	MW	6M	
		4.03	Oscillators			
		4.04-	Check	MW	6M	
		4.05	Amplifiers			
		4.06-	Check Tone	MW	6M	
		4.07	Monitors			
		4.08-	Check Power Failure	MW	6M	
		4.09	Monitors			
		4.10	Check Pulsing Signal Output	MW	6M	
		4.11	Check Tone Signal Alarm	MW	6M	
		4.12	Check Interrupter Follow Relay	MW	6M	
		4.13	Check Distribution Circuit	MW	6M	
		4.14	Check Battery Distribution Fuse Alarm	MW	12M	
		4.15	Check Ringing Distribution Fuse Alarm	MW	12M	
167-733-301	1		852A RINGING AND TONE POWER PLANT			
		4.05	Check Tone Generator Output	MW	3M	
		4.06	Check Tone Low-Voltage Monitors			
		(a)	Check LVTT, LVBT, and LVAR Tone Low-Voltage Monitor	MW	6M	
		(b)	Check LVHT Tone Low-Voltage Monitor	MW	6M	
		4.07	Check Operation of Transfer Relays	MW	6M	
		4.08	Check Output Voltage of Ringing—Distribution Circuit	MW	6M	
		4.10	Check Fuse Alarms	MW	12M	
167-734-301	1		853A RINGING AND TONE POWER PLANT			
		4.02	Oscillator Checks	MW	6M	
		4.03	1-VA Amplifier Adjustments	MW	6M	
		4.04	10-VA Amplifier Adjustments	MW	6M	
		4.05	Low-Voltage Monitor Adjustments	MW	6M	
		4.06	PF1 and PF2 Monitor Adjustments	MW	6M	
		4.07	Battery Distribution Circuit Alarm Check	MW	6M	

EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
167-734-301	1		(Cont)			
		4.08	<i>Power Ringing and Tone Distribution Circuit</i>	<i>MW</i>	<i>6M</i>	
			<i>Alarm Check</i>			
167-735-301	1		862A RINGING AND TONE POWER PLANT			
		4.02	<i>Oscillator Checks</i>	<i>MW</i>	<i>6M</i>	
		4.08	<i>Battery Distribution Circuit Alarm Check</i>	<i>MW</i>	<i>6M</i>	
		4.09	<i>Power Ringing and Tone Distribution Alarm</i>	<i>MW</i>	<i>6M</i>	
			<i>Check</i>			
167-736-301	1		863A RINGING AND TONE POWER PLANT			
		4.05	<i>Check Tone Generator Output</i>	<i>MW</i>	<i>6M</i>	
		4.06	<i>Check Tone Low-Voltage Monitors</i>	<i>MW</i>	<i>6M</i>	
		4.07	<i>Check Transfer</i>	<i>MW</i>	<i>6M</i>	
		4.08	<i>Check Amplifier Transfer Relay</i>	<i>MW</i>	<i>6M</i>	
		4.09	<i>Check Ringing—Distribution Voltages</i>	<i>MW</i>	<i>6M</i>	
		4.10	<i>Check Fuse Alarms</i>	<i>MW</i>	<i>12M</i>	
167-737-301	1		873A RINGING POWER PLANT			
		3.04-	<i>Transfer and Restore</i>	<i>MW</i>	<i>6M</i>	
		3.06	<i>Generators</i>			
		4.04	<i>Check Circuits and Alarms</i>	<i>MW</i>	<i>12M</i>	
167-738-301	1		872A RINGING POWER PLANT			
		4.02	<i>Contactors and Relay Inspection</i>	<i>MW</i>	<i>6M</i>	
		4.03	<i>Alarm, Transfer, and Distribution Circuit</i>	<i>MW</i>	<i>6M</i>	
			<i>Check</i>			
167-739-301	1		KS-19653 L1 POWER SUPPLY			
		4.01	<i>Check Output Voltages</i>	<i>MW</i>	<i>6M</i>	
167-740-301	3		110A POWER PLANT J86431 48 VOLTS			
		3.01	<i>Check for Float Voltage</i>	<i>MW</i>	<i>M</i>	
		3.03	<i>Check Rectifier Transfer of Load</i>	<i>MW</i>	<i>3M</i>	
		3.04	<i>Check for AC Power Failure</i>	<i>MW</i>	<i>6M</i>	
		3.05	<i>Regulator Tube Failure</i>	<i>MW</i>	<i>12M</i>	
		4.10	<i>Check Alarms</i>	<i>MW</i>	<i>12M</i>	
167-740-311	2		J86431 POWER PLANT 115 VOLTS			
		3.01	<i>Check for Float Voltage</i>	<i>MW</i>	<i>M</i>	
		3.02	<i>Operation of Plant and Idle Rectifier</i>	<i>MW</i>	<i>3M</i>	
		4.02	<i>Check Alarms</i>	<i>MW</i>	<i>12M</i>	
167-741-301	2		J86453 POWER PLANT 48 VOLTS			
		3.12	<i>Check for Float Voltage</i>	<i>MW</i>	<i>M</i>	

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
167-741-301	2		(Cont)			
		3.14	Check Rectifier Transfer of Load	MW	3M	
		3.15	Check for AC Power Failure	MW	6M	
		3.16	Check for Regulator Tube Failure	MW	12M	
		4.08	Check Alarms	MW	12M	
167-741-311	2		J86453 POWER PLANT 130 VOLTS			
		3.02	Check Rectifier Transfer of Load	MW	3M	
		3.06	Check for Float Voltage	MW	M	
		4.02	Check Alarms	MW	12M	
167-760-301	2		POWER PLANT NO. 1 ACCOUNTING CENTER AMA SYSTEM			
		4.01	Transfer Rectifiers	MW	D	
		4.02	Boost Charge	MW	3M	
		4.03	Check Output Voltage	MW	6M	
		4.04	Calibrate Voltmeter	MW	12M	
167-761-301	1		SD-1G055-01 POWER SUPPLY			
		3.05				
		(1e)	Check 48V Output and Adjust If Required	MW	M	
		3.07	Check 130V Output and Adjust If Required	MW	M	
		4.01	Check Alarms and Load Transfer			
		(a)	48V Rectifier Alarms and Transfer	MW	6M	
		(b)	130V Rectifier Alarms and Transfer	MW	6M	
		(c)	48V Bus Fuse Alarm	MW	12M	
		(d)	130V Bus Fuse Alarm	MW	12M	
167-767-301	4		J86440A AND J86570U POWER SUPPLIES			
		3.05	Test All Alarms			
		(a)	Discharge Fuse Alarm	MW	12M	
		(b)	ABS Fuse Alarm	MW	12M	
		(c)	Float Alarm	MW	12M	
		(d)	High-Low Voltage Alarm	MW	12M	
		(e)	Alarm Multiple	MW	12M	
			Calibrate Voltmeter	MW	12M	
167-767-311	1		J86440C POWER SUPPLY			
		3.01	Check Float Voltage	MW	M	
		3.02	Check Alarms and Voltage Relay Operation	MW	12M	
		—	Calibrate Voltmeter	MW	12M	
167-768-301	2		J86454 POWER SUPPLY			

EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
167-768-301	2		(Cont)			
		3.03	Check Power Transfer Operation	MW	3M	
		3.04	Check Power Restoration	MW	3M	
		3.05	Check All Alarms	MW	12M	
		3.06	Check Heating and Ventilation Arrangements	MW	6M#	
			# Spring and Fall			
167-770-301	4		J86474 POWER SUPPLY			
		1.03	Clean Ventilating Passages	MW	4M	
		4.01				
		(a)	Check Condition of Electron Tubes	MW	4M	
		(b)	Inspect Time Delay Relay, Motor Driven Timer, and Trip Magnetic Amplifiers, and Adjust If Required	MW	12M	
		4.02	Check Linear Magnetic Amplifiers and Metering Circuit Trip Points	MW	4M#	
			# And After TWT Replacement			
		4.03	Check Cooling Fan Operation	MW	4M#	
			# And After TWT Replacement			
167-770-306	1		J86487A POWER SUPPLY			
		4.01				
		(b3)	Check Filament Activity—Series Tubes V1, V2, V3	MW	3M	
		(b4)	Check Filament Activity—Amplifier Tubes V4, V5	MW	3M	
167-770-311	1		J86488A POWER SUPPLY			
		4.01				
		(b3)	Check Filament Activity—V1 Series Tube	MW	3M	
		(b4)	Check Filament Activity—V2 and V3 Amplifier Tubes	MW	3M	
167-772-301	1		J86494 POWER SUPPLY			
		4.01	Check Output Voltages and Rectifier Load Division	MW	M	
		4.02	Check Rectifier Shutdown—24V and 48V Rectifiers	MW	6M	
		4.03	Check 130V High Current Detection Circuit	MW	6M	
		4.04	Check FA Alarm	MW	12M	
		4.05	Check Diode Alarm—24V and 48V Supplies	MW	12M	
		4.06	Check Diode Alarm—130V Supply	MW	12M	
		4.07	Check 24V and 48V HLV Alarm			

EQUIPMENT TEST LIST						
B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
167-772-301	1		(Cont)			
		(a)	High-Voltage Test	MW	12M	
		(b)	Low-Voltage Test	MW	12M	
		4.08	Check 130V HLV Alarm			
		(a)	High-Voltage Test	MW	12M	
		(b)	Low-Voltage Test	MW	12M	
167-773-301	1		J86637 POWER PLANT			
		4.04	Check Operation of Fuel Pumping System	MW	12M	
167-774-301	2		J86496 POWER SUPPLY			
		4.02	Check All Alarms			
		(b)	RF Alarm Test	MW	12M	
		(c)	ACO Key Test	MW	12M	
		(d)	Fuse Alarm Test	MW	12M	
		(e2)	HLV Alarm Low-Voltage Test	MW	12M	
		(e3)	HLV Alarm High-Voltage Test	MW	12M	
167-776-301	2		J86858 DC POWER SUPPLY			
		4.01	Check Cable Current and Voltage; Measure Ground Unbalance Voltage; Rebalance Converter Power Supplies	MW	W	
		4.02	Check High Current Alarm Circuit	MW	3M	
		4.03	Check Low Current Alarm Circuit	MW	3M	
		4.04	Check High Current Shutdown Circuit	MW	3M	
		4.05	Check Low Current Shutdown Circuit	MW	3M	
		4.06	Check Ground Protector Circuit	MW	3M	
		4.07	Check OUTPUT CURRENT Meter Accuracy	MW	12M	
		4.08	Check OUTPUT VOLTAGE Meter Accuracy	MW	12M	
		4.09	Check J87303C Oscillator	MW	3M	
167-777-301	2		POWER PLANT J86643			
		4.03	Ring Voltage Check	MW	3M	
		4.04	Interrupter Failure Lamps	MW	6M	
		4.05	Manual Interrupter Transfer	MW	6M	
		4.07	Fuse Failure Check	MW	6M	
167-778-301	1		J87213A POWER SUPPLY			
		4.01	Check Output Voltage	MW	M	
167-779-301	1		J87203A POWER SUPPLY			
		4.01	Check Output Voltage	MW	M	
167-784-301	1		J86811 POWER PLANT FOR TRAFFIC DATA			

