

Pacific Gas and Electric Company

215 Market Street
San Francisco, CA 94106
415/972-7000

February 2, 1989



Local Union No. 1245
International Brotherhood of
Electrical Workers, AFL-CIO
P. O. Box 4790
Walnut Creek, CA 94596

Attention: Mr. Jack McNally, Business Manager

Gentlemen:

This letter cancels and supersedes our letter dated December 14, 1989 on the same subject.

Attached is an updated job definitions and lines of progression for Title 600, Exhibit VI-L, for Division Electric Department Office and Transmission and Distribution Department.

The update integrates changes from the last general negotiations; reinserts the Night Manhole Pumpman classification in its previous designations; and includes the clarification of the word "work" for the Transmission Troublemaker note, in the letter dated December 9, 1988 and signed by Storme Smithers of PG&E and Darrel Mitchell of IBEW.

If you are in accord with the foregoing and attachments and agree thereto, please so indicate in the space provided below and return one executed copy of this letter to the Company.

Yours very truly,

PACIFIC GAS AND ELECTRIC COMPANY

By Richard B. Buepp
Manager of Industrial Relations

The Union is in accord with the foregoing and attachments and it agrees thereto as of the date hereof.

LOCAL UNION NO. 1245, INTERNATIONAL
BROTHERHOOD OF ELECTRICAL WORKERS, AFL-CIO

Feb 27, 1990

By Jack McNally
Business Manager

JOB DEFINITIONS AND LINES OF PROGRESSION
DIVISION ELECTRIC DEPARTMENTS
ELECTRIC DEPARTMENT OFFICE

AND

JOB DEFINITIONS AND LINES OF PROGRESSION
DIVISION ELECTRIC DEPARTMENTS
TRANSMISSION AND DISTRIBUTION DEPARTMENT

JOB DEFINITIONS AND LINES OF PROGRESSION

DIVISION ELECTRIC DEPARTMENTS

ELECTRIC DEPARTMENT OFFICE

0250 FOREMAN'S CLERK

An employee whose background and experience are such that he has a comprehensive knowledge of the operation and procedures of a General Foreman's or Assistant Supervisor's office and is engaged in performing clerical work and assisting in the administrative work of such office. This work includes such duties as coordinating various functions to facilitate the completion of jobs, assigning jobs to crews, receiving and dispatching customers' complaints or switching orders, preparing reports, processing time cards, work orders and GM's for the crews or for accounting purposes, and maintaining office files and records. May direct the work of one or two Assistant Foreman's Clerks.

Next Lower Classifications

0252 Assistant Foreman's Clerk
0458 Field Clerk - Electric T&D
2662 Operating Clerk
2664 Operating Clerk-Steno
2667 Operating Clerk-Typist

Same or Higher Classifications

0243 Senior Field Clerk (G.C.)
0246 First Field Clerk (G.C.)
0250 Foreman's Clerk
0253 Foreman's Clerk
0254 Utility Foreman's Clerk
0310 Senior Shop Clerk (G.C.)
0313 First Shop Clerk (G.C.)
1750 Senior Service Operator
(Incumbent only)
2645 Sr. Operating Clerk-Steno II
2646 Senior Operating-Typist II
2654 Senior Operating Clerk-Steno I
2655 Sr. Operating Clerk-Typist I
2723 Senior Operating Clerk II
2789 Senior Operating Clerk I

0253 FOREMAN'S CLERK(1)

If directing the work of more than two Assistant Foreman's Clerks.

0254 UTILITY FOREMAN'S CLERK (Fortuna, Garberville and Willow Creek)(1)

An employee who performs the duties of Foreman's Clerk and, in addition, performs any of the duties of the classification of Materials Leadman which may be required at his headquarters.

0254 UTILITY FOREMAN'S CLERK (Burney)(1)

An employee who is a Foreman's Clerk and, in addition, performs commercial business office work, such as receiving service calls, collections, meter tags, new business applications, etc.

0252 ASSISTANT FOREMAN'S CLERK

An employee in a General Foreman's or Assistant Supervisor's office who assists the Foreman's Clerk or Senior Clerk by performing clerical work requiring a basic knowledge of Electric Department office procedures and accounting principles. This work includes such duties as writing requisitions for work orders or GM's, processing time cards, work orders and GM's for the crews or for accounting purposes, and maintaining office files and records. May receive and dispatch customers' complaints.

Next Lower Classifications

*2676 Utility Clerk, Oper.,
*2680 Utility Clerk-Steno Oper.
*2684 Utility Clerk-Typist Oper.
**2732 Word Processing Operator-
Operating

Same or Higher Classifications

0243 Senior Field Clerk (G.C.)
0245 Routine Field Clerk (G.C.)
0246 First Field Clerk
0250 Foreman's Clerk
0252 Assistant Foreman's Clerk
0253 Foreman's Clerk
0254 Utility Foreman's Clerk
0310 Senior Shop Clerk (G.C.)
0313 First Shop Clerk (G.C.)
0314 Routine Shop Clerk (G.C.)
0456 T&D Driver
0458 Field Clerk - Electric T&D
1750 Senior Service Operator
(Inc. only)
2645 Sr. Operating Clerk-Steno II
2646 Sr. Operating Clerk-Typist II
2654 Senior Operating Clerk-Steno I
2655 Sr. Operating Clerk-Typist I
2662 Operating Clerk
2664 Operating Clerk-Steno
2667 Operating Clerk-Typist
2723 Senior Operating Clerk II
2789 Senior Operating Clerk I

*Includes employees at Clerk D rate of pay as of 1980 General Negotiations.

**The 30-month wage step of Word Processing Operator will be considered as top rate of pay when bidding to Assistant Foreman's Clerk.

(1)Line of Progression same as Foreman's Clerk.

0252 ASSISTANT FOREMAN'S CLERK (continued)

Notes:

The starting rate for an employee who is a successful bidder on an Assistant Foreman's Clerk vacancy and who bids from T&D Driver and who is at the top rate of the T&D Driver classification, shall be the top rate of Assistant Foreman's Clerk. If he is not at the top rate of T&D Driver, he shall be placed at the 18-month wage step, and time worked in the T&D Driver classification shall be credited as time worked in the Assistant Foreman's Clerk classification.

Employees in Foreman's Clerk or Assistant Foreman's Clerk classifications shall be considered as next lower to Senior Operating Clerk II or Senior Operating Clerk I vacancies, respectively, in the Electric Department as indicated in the appropriate Division Clerical Lines of Progression.

JOB DEFINITIONS AND LINES OF PROGRESSION

DIVISION ELECTRIC DEPARTMENTS

TRANSMISSION AND DISTRIBUTION DEPARTMENT

0740 ELECTRIC CREW FOREMAN

An employee who is a Working Foreman in charge of a crew of not more than five other employees engaged in all classes of overhead line work, in all classes of underground distribution system work utilizing non-leaded cables, and in providing electric service to customers; may be required to drive the truck and operate the associated equipment as assigned. Such employee shall have the personal qualifications of leadership and supervisory ability, the craft qualifications of and two years experience as a Lineman, and be familiar with Company's construction and safety standards, General Orders 95 and 128, accounting procedures, and other applicable rules and procedures.

Such employee when in charge of a crew of five other employees shall be paid at the rate of five percent above the top rate of Electric Crew Foreman.

Notes: For the purposes of applying the five percent upgrade for an Electric Crew Foreman when in charge of a crew of five other employees, if two Electric Crew Foreman are involved, the following conditions will apply:

1. If two crew are combined on an on-going job, the Electric Crew Foreman originally assigned the job will receive the upgrade;
2. If two crews are combined at the initiation of a job, the senior qualified Electric Crew Foreman in the headquarters will receive the upgrade;
3. If two crews are called out for an emergency situation, the senior qualified available Electric Crew Foreman will receive the upgrade. If they are joined while the job is in progress, the Electric Crew Foreman originally assigned will receive the upgrade.

Next Lower Classifications

1100 (1103) Lineman (Un.)
2535 Transmission Troublemán
2540 Troublemán

Same or Higher Classifications

0140 Cableman
0650 Subforeman A (G.C.-Line)
0653 Subforeman B (G.C.-Line)
0683 Night Cable Crew Foreman
0740 Electric Crew Foreman
0820 Cable Crew Foreman
0850 Working Foreman A (G.C.-Line)
0853 Working Foreman B (G.C.-Line)
2290 Transmission Cableman

2540 TROUBLEMAN

An employee who has the craft qualifications of and two years experience as a Lineman and performs alone any work that does not exceed his ability or the available tools and equipment, in connection with providing, maintaining and restoring service to the public, either overhead or underground, such as installing services and all types of meters, replacing line and equipment fuses, patrolling, switching, restoring service on "no light" and "no power" calls, servicing and repairing customers' equipment, operating unattended substations, adjusting or changing external settings on automatic line equipment, such as Regulators, Reclosers, or Capacitors, handling routine gas maintenance, operation and complaints; may be required to collect deposits and bills. In trouble and emergency work involving immediate hazard to life or property, may be required to work alone to cut circuits of over 600 volts in the clear.

Next Lower Classification

1100 (1103) Lineman (Un.)

Same or Higher Classifications

0140 Cableman
0683 Night Cable Crew Foreman
0740 Electric Crew Foreman
0820 Cable Crew Foreman
2280 (2286) Cable Splicer (Un.)
2283 Night Cable Splicer
2290 Transmission Cableman
2535 Transmission Troublemán
2540 Troublemán

2535 TRANSMISSION TROUBLEMAN

An employee who patrols and inspects overhead transmission lines. This may include air, ground, and boat patrolling. Must have the craft qualifications of a Lineman and performs any line work in connection with maintenance, operation and construction of transmission lines. May be required to perform switching, line structure maintenance, minor repairs/replacement of hardware, and reinsulation. Must possess a valid Class III California driver's license. When qualified, may be required to operate a vehicle/boat and to operate associated equipment as assigned.

Notes on Transmission Troublemán Definition:

- 1) Must have adequate oral and written skills to communicate clearly with customers, property owners, and others.
- 2) Must be capable of performing transmission live line work.
- 3) Must be able to properly assess the urgency of a problem for correction.
- 4) May be required to travel and stay away from home.

2535 TRANSMISSION TROUBLEMAN (continued)

- 5) Switching shall be limited to that normally performed by a Troubleman. Switching on overtime will be limited to emergency transmission switching done in conjunction with patrolling and inspection. This does not preclude switching which must be performed on prearranged overtime prior to the beginning of a workday in order to complete work during the workday. Work refers to that which will be performed by the Transmission Troubleman or work in which the Transmission Troubleman will be involved.
- 6) Normally works alone, but when doing so shall not be required to perform duties beyond that of a Lineman and/or Troubleman.
- 7) The primary duties of this classification will be transmission work. May assist, be part of, or direct a crew doing transmission work, including washing of insulators, major emergency distribution work and distribution work that is directly related to transmission, i.e., underbuilds, etc.
- 8) Transmission Troublemens are day employees.

Next Lower Classification

1100 (1103) Lineman (Un.)

Same or Higher Classifications

0140 Cableman
0683 Night Cable Crew Foreman
0740 Electric Crew Foreman
0820 Cable Crew Foreman
2280 (2286) Cable Splicer (Un.)
2283 Night Cable Splicer
2290 Transmission Cableman
2535 Transmission Troubleman
2540 Troubleman

Notes:

- A. Patrol personnel should normally be obtained from Lineman/Cable - Splicer within the Division. If necessary, patrol personnel may be obtained from same classification within the Region or inter-regionally.
- B. Overtime assignments shall be based upon the provisions of Titles 208 and 212. No prearranged overtime will be performed as part of crew with the exception of Transmission Troublemens performing hot washing. This does not preclude the Transmission Cableman from working with a Helper or a Groundman. For Title 212 purposes, the Transmission Troubleman will be used only when called for inspection or patrolling of transmission lines and associated switching and crew work that directly results from the patrolling or inspection.
- C. Workplace (location of work) will normally be any location within the Region, except as provided for in "A" above. The provisions of Title 201 shall apply when traveling from designated headquarters.

1100 LINEMAN (See LA 87-112 attached.)

An employee who is a journeyman and is engaged in performing all classes of overhead line work, of any voltage, and all classes of underground distribution system work except on "Network" systems, utilizing non-lead cables rated 25 kv or less. He may be required to drive the truck and operate associated equipment as assigned. His background of apprenticeship and experience must be such as to qualify him to perform these duties with skill and efficiency.

Notes on Lineman Definition:

It is the intent that the use of a light line crew as the basic work unit in the Overhead Section of the Electric Transmission and Distribution Department be continued. While one and two-man units with a Lineman as the highest classification will be utilized, it is not the intent of the Lineman definition to use other than a line crew on hot primary line construction and maintenance work. Further, it is not the intent to eliminate crews or accomplish the above work or any other line work which cannot practicably or safely be accomplished by a one or two-man unit by combining two or more such units. The Company will provide necessary training and equipment to its employees to ensure that the work can be performed safely and efficiently.

One or two-man units will not be required to:

1. Set poles under the following conditions:
 - a. In primary which has not been cleared and grounded; or
 - b. Over 50 feet in length; or
 - c. Under heavy or congested traffic conditions; or
 - d. Where the pole is top-heavy to the extent that weights are required on the butt-end; or
2. Perform any work on energized primary (taking voltage or current readings is not considered working on energized primary); or
3. Perform any substation switching; or
4. Perform line switching except to de-energize a line for work and to energize same at completion of work; or
5. Perform wire stringing with special lift equipment, except where the two-man unit consists of two journeymen, nor to perform such work above or below and parallel to energized primaries on the same pole line; or

A Lineman working alone will not be required to install a crossarm or underarm molding, or to install or remove mid-span services except with aerial lift equipment and when installation of an associated span guy is not required.

1100 LINEMAN (continued)

Next Lower Classification

1101 Apprentice Lineman

Same or Higher Classifications

0140 Cableman
0650 Subforeman A (G.C.-Line)
0653 Subforeman B (G.C.-Line)
0683 Night Cable Crew Foreman
0740 Electric Crew Foreman
0820 Cable Crew Foreman
0850 Working Foreman A (G.C.-Line)
0853 Working Foreman B (G.C.-Line)
1099 Underground Lineman (G.C.)
(Incumbent only)
1100 (1103) Lineman (Un.)
2280 (2286) Cable Splicer (Un.)
2283 Night Cable Splicer
2290 Transmission Cableman
2535 Transmission Troubleman
2540 Troubleman

1101 APPRENTICE LINEMAN

An employee engaged in performing Lineman's work as an assistant to, or under the general direction of, a journeyman. In order to gain experience for advancement to Lineman, he may work alone, or under indirect supervision on jobs for which he has been trained and instructed. He may be required to drive the truck and operate the associated equipment as assigned at not less than the starting rate of the T&D Driver. The employee's educational and general qualifications must be such that he is considered capable of attaining journeyman status. When working under the guidance and direction of a journeyman, and after one year's experience as an Apprentice Lineman, he may be required to work on live circuits of 600 volts or over.

1101 APPRENTICE LINEMAN (Continued)

Next Lower Classifications

0180 Cartman
 0456 T&D Driver
 0458 Field Clerk - Electric T&D
 0910 Groundman
 0913 Night Groundman
 0960 Cableman's Helper
 1190 Street Light Maintenance man
 1660 T&D Equipment Operator
 1943 Patrolman
 2010 Manhole Pumpman
 2013 Night Manhole Pumpman

Same or Higher Classifications

0140 Cableman
 0623 Labor Foreman (Electric T&D)
 0683 Night Cable Crew Foreman
 0820 Cable Crew Foreman
 0845 Working Foreman
 0990 Inspector
 1099 Underground Lineman (G.C.)
 (Incumbent only)
 1101 Apprentice Lineman
 2280 (2286) Cable Splicer (Un.)
 2281 Apprentice Cable Splicer
 2283 Night Cable Splicer
 2290 Transmission Cableman
 *2500 Voltage Tester
 *2510 Utility Voltage Tester
 2520 Towerman (G.C.)

Notes:

All employees with 205.8(b) or (c) prebids on file to Apprentice Lineman should be scheduled to attend the three-day Division Climbing School. An employee must have successfully completed the three-day Division Climbing School in order to be given consideration for a vacancy to the Apprentice Lineman classification. An employee who has not been given an opportunity to attend the three-day Division Climbing School shall not be bypassed for a vacancy. An employee who has failed the three-day Climbing School must make a request to be allowed a second attempt within 30 days following failure of first attempt in order to be considered for subsequent vacancies. An employee who fails to make a timely request to be allowed a second attempt shall no longer be considered a valid bidder to an apprenticeship where climbing is a requirement. An employee who has made a timely request to be allowed a second attempt and who has not had an opportunity to attend shall not be bypassed for a vacancy, provided the request was submitted timely to be valid under Subsection 205.4(d).

*A Voltage Tester may bid to Apprentice Lineman as an Apprentice Lineman. If he previously had attained the one year or higher step as an Apprentice Lineman and if he is the successful bidder, he shall be placed in the wage step that he left. A Voltage Tester who had not previously completed the first year program of the Apprentice Lineman Related Academic Training shall be given the opportunity to do so. A Voltage Tester who had not previously attained the one year step of Apprentice Lineman classification may bid to Apprentice Lineman, and if he has completed the first year program of the Apprentice Lineman Related Academic Training, he shall be placed at the one year step of the Apprentice Lineman wage rate. If he has not completed the first year training, he shall be credited with his previous time worked in the Apprentice Lineman classification only.

1101 APPRENTICE LINEMAN (Continued)

All employees with 205.8(b) or (c) prebids on file to Apprentice Lineman must have successfully completed the Arithmetic Computation Test (ACT) requirement prior to being considered for a vacancy to Apprentice Lineman. If an employee has not taken the ACT but has a written request on file with his/her Human Resources department, the employee must be given the opportunity to take the test before a bypass can be made.

All employees who are in classifications which are considered next lower to a climbing apprenticeship and who have passed the Division Climbing School and the ACT shall be required to attend the Basic Climbing School at Kettleman prior to being awarded an apprenticeship. An employee who is to be awarded an apprenticeship under Subsection 205.8(b) and has met the ACT requirement but who has not yet attended Basic Climbing School shall be awarded such job pending successful completion of the school.

Employees who are not in the line of progression but who have valid 205.8(c) prebids on file and are the otherwise successful bidders to a vacancy shall be awarded the position pending the successful completion of the next scheduled session at Kettleman.

2500 VOLTAGE TESTER

An employee who makes tests of loads, voltages, etc., with indicating or recording instruments for purposes of distribution or transmission system regulation or investigation of complaints. May calculate and set compensation of regulators. When it is necessary for a Voltage Tester to climb through live circuits of 600 volts or more, another Voltage Tester, or a journeyman, shall be assigned to assist him.

Next Lower Classification

1101 Apprentice Lineman
(One Year Step)

Same or Higher Classifications

0140 Cableman
0683 Night Cable Crew Foreman
0740 Electric Crew Foreman
0820 Cable Crew Foreman
0845 Working Foreman
1100 (1103) Lineman (Un.)
2280 (2286) Cable Splicer (Un.)
2281 Apprentice Cable Splicer
2283 Night Cable Splicer
2290 Transmission Cableman
2500 Voltage Tester
2510 Utility Voltage Tester
2535 Transmission Troubleman
2540 Troubleman

2510 UTILITY VOLTAGE TESTER(1)

An employee who performs the duties of a Voltage Tester in the Electric Department, and in addition maintains street lights, inspects service entrance wiring, and may be required to work routine meter tags and service tags involving work on customers' premises.

(1) Same Line of Progression as a Voltage Tester.

2485 UTILITY TESTER - SAN FRANCISCO (INCUMBENT ONLY)

An employee who assists a Voltage Tester or a qualified journeyman make tests of loads, voltages, etc., with indicating or recording instruments for purposes of distribution or transmission system regulation or investigation of complaints, and in addition, he may be required to perform the duties of the Inspector - Electric T&D.

0990 INSPECTOR

An employee engaged in making various investigations and inspections such as checking pole lines with respect to General Order 95 and necessary maintenance, inspecting tower footings, checking tree and weed conditions, routing tree trimming and weed control crews, inspecting new construction and reconstruction work on overhead or underground lines, checking Company property conditions in the vicinity of street work, inquiring into accidents resulting in interruptions of service, contacting customers regarding service.

Next Lower Classification

1101 Apprentice Lineman
(one-year step)

Same or Higher Classifications

0140 Cableman
0683 Night Cable Crew Foreman
0740 Electric Crew Foreman
0820 Cable Crew Foreman
0845 Working Foreman
0990 Inspector
1100 (1103) Lineman (Un.)
2280 (2286) Cable Splicer (Un.)
2281 Apprentice Cable Splicer
2283 Night Cable Splicer
2290 Transmission Cableman
2500 Voltage Tester
2510 Utility Voltage Tester
2540 Troubleshooter
2535 Transmission Troubleshooter

1035 UTILITY INSPECTOR - SAN FRANCISCO (INCUMBENT ONLY)

An employee who, with an assistant, locates, identifies and marks the location of electric substructures on the surface of public streets and private property. In this endeavor, he may make contacts with customers or their representatives, private and public utilities or entities who own or are constructing or reconstructing buried structures. He may be required to perform the duties of an Inspector-Electric T&D; or

An employee who is engaged in inspecting the construction and reconstruction of electric substructures in streets, in private buildings and on private property. He may be required to perform the duties of an Inspector-Electric T&D.

0845 WORKING FOREMAN

An employee who is a Working Foreman in charge of a crew and equipment engaged in such work as installing non-lead covered underground cables, maintaining manholes, installing hand holes and underground boxes, digging holes or excavations, stubbing poles, clearing rights-of-way, clearing debris, loading, delivering and unloading material and supplies. He may be required to drive the truck and operate the associated equipment. He must be familiar with the Company's safety and other applicable rules and procedures. His crew may include a driver and one Lineman, Apprentice Lineman, Cable Splicer or Apprentice Cable Splicer. He shall have the personal qualifications of leadership and supervisory ability and a background of experience in the Electric Transmission and Distribution Department.

Next Lower Classifications

0456 T&D Driver
0458 Field Clerk - Electric T&D
0623 Labor Foreman - Electric T&D
1660 T&D Equipment Operator

Same or Higher Classifications

0140 Cableman
0683 Night Cable Crew Foreman
0740 Electric Crew Foreman
0820 Cable Crew Foreman
0845 Working Foreman
1100 (1103) Lineman (Un.)
2280 (2286) Cable Splicer (Un.)
2283 Night Cable Splicer
2290 Transmission Cableman
2535 Transmission Troubleman
2540 Troubleman

0623 LABOR FOREMAN

An employee who is a Working Foreman in charge of a crew and equipment engaged in such work as digging holes or excavations, stubbing poles, clearing rights-of-way, clearing debris, loading, delivering and unloading materials and supplies. He drives the vehicle and operates the associated equipment. He must be familiar with Company's safety and other applicable rules and procedures. His crew may include a T&D Equipment Operator. He shall have personal qualifications of leadership and supervisory ability and a background of experience in the Electric Transmission and Distribution Department.

0623 LABOR FOREMAN (Continued)

Next Lower Classifications

0456 T&D Driver
0458 Field Clerk - Electric T&D
1660 T&D Equipment Operator

Same or Higher Classifications

0140 Cableman
0623 Labor Foreman (Electric T&D)
0624 Labor Foreman - Electric
Maintenance
0630 Labor Foreman A
0820 Cable Crew Foreman
0845 Working Foreman
0990 Inspector
1100 (1103) Lineman (Un.)
2280 (2286) Cable Splicer (Un.)
2281 Apprentice Cable Splicer
2283 Night Cable Splicer
2290 Transmission Cableman
2500 Voltage Tester
2510 Utility Voltage Tester
2535 Transmission Troubleman
2540 Troubleman

1660 T&D EQUIPMENT OPERATOR

An employee who is in charge of and operates hole diggers, back-hoes, loaders, tractors, and other equipment. He will be required to drive trucks. Must possess Class I Driver's License.

Next Lower Classifications

0456 T&D Driver
0458 Field Clerk - Electric T&D
0623 Labor Foreman

Same or Higher Classifications

0140 Cableman
0683 Night Cable Crew Foreman
0740 Electric Crew Foreman
0820 Cable Crew Foreman
0845 Working Foreman
0990 Inspector
1100 (1103) Lineman (Un.)
1660 T&D Equipment Operator
1690 Hole Digger Operator (G.C.)
2280 (2286) Cable Splicer (Un.)
2281 Apprentice Cable Splicer
2283 Night Cable Splicer
2290 Transmission Cableman
2500 Voltage Tester
2510 Utility Voltage Tester
2535 Transmission Troubleman
2540 Troubleman

0458 FIELD CLERK - ELECTRIC T&D

An employee who is normally assigned to an Electric Construction Supervisor to perform field clerical duties for various crews. When not so assigned, will be assigned to drive a truck, maneuver it at the job, as required in connection with the construction, maintenance and operation of electrical overhead and underground facilities, operates all associated mechanical equipment on the truck and acts as a Field Clerk, performing assigned clerical work for the crew. Is responsible for keeping tools and materials in good order on the truck, assists with the ground work and may be required to drive an all-terrain vehicle. May be required to use a computer. Must possess a Class I Driver's License.

Next Lower Classifications

*0252 Assistant Foreman's Clerk
0456 T&D Driver

Same or Higher Classifications

0140 Cableman
*0250 Foreman's Clerk
*0253 Foreman's Clerk
*0254 Foreman's Clerk
0435 Special Driver (G.C. - Line)
0457 Line Truck Driver (G.C.)
0458 Field Clerk - Electric T&D
0623 Labor Foreman (Electric T&D)
0683 Night Cable Crew Foreman
0740 Electric Crew Foreman
0820 Cable Crew Foreman
0845 Working Foreman
0990 Inspector
1100 (1103) Lineman (Un.)
1101 Apprentice Lineman
1660 T&D Equipment Operator
1690 Hole Digger Operator (G.C.)
2280 (2286) Cable Splicer (Un.)
2281 Apprentice Cable Splicer
2283 Night Cable Splicer
2290 Transmission Cableman
2500 Voltage Tester
2510 Utility Voltage Tester
2535 Transmission Troubleshooter
2540 Troubleshooter

*Applicable to employees who entered this classification from T&D Driver, Senior Line Truck Driver or Line Truck Driver classifications.

Notes: 1. This classification will be filled only on a permanent basis in accordance with provisions of Title 205 except for relief of an absent employee, for temporary assignments after permanent assignments to this classification, or as provided in Note 2 below.

(Notes: continued)

0458 FIELD CLERK - ELECTRIC T&D (Continued)

2. Company may use this classification in any headquarters for six months to determine a need for this classification on a permanent basis. The classification will be filled on the basis of service and qualifications from among the T&D Drivers in the headquarters.
3. Temporary assignments to this classification will be made in increments of one day or more.

0456 T&D DRIVER

An employee who drives a truck, maneuvers it at the job as required in connection with the construction, maintenance and operation of electrical overhead and underground facilities, operates all associated mechanical equipment on the truck and acts as a Field Clerk, performing assigned clerical work for the crew; is responsible for keeping tools and materials in good order on the truck; assists with the ground work and may be required to drive an all-terrain vehicle. Must possess Class I Driver's License.

Next Lower Classifications

0180 Cartman
0910 Groundman
0913 Night Groundman
0960 Cableman's Helper
1190 Street Light Maintencemanceman
1943 Patrolman
2010 Manhole Pumpman
2013 Night Manhole Pumpman

Same or Higher Classifications

0140 Cableman
*0250 Foreman's Clerk
*0252 Assistant Foreman's Clerk
*0253 Foreman's Clerk
*0254 Foreman's Clerk
0435 Special Driver (G.C.-Line)
0456 T&D Driver
0457 Line Truck Driver (G.C.)
0458 Field Clerk - Electric T&D
0623 Labor Foreman (Electric T&D)
0683 Night Cable Crew Foreman
0740 Electric Crew Foreman
0820 Cable Crew Foreman
0845 Working Foreman
0990 Inspector
1100 (1103) Lineman (Un.)
1101 Apprentice Lineman
1660 T&D Equipment Operator
1690 Hole Digger Operator (G.C.)
2280 (2286) Cable Splicer (Un.)
2281 Apprentice Cable Splicer
2283 Night Cable Splicer
2290 Transmission Cableman
2500 Voltage Tester
2510 Utility Voltage Tester
2535 Transmission Troublemanceman
2540 Troublemanceman

*Applicable to employees who entered this classification from T&D Driver, Senior Line Truck Driver or Line Truck Driver classifications.

0820 CABLE CREW FOREMAN

An employee who is a Working Foreman in charge of not more than six men exclusive of himself assigned as a crew or disbursed as work units engaged in construction, maintenance and operation of underground and submarine facilities and associated work. He drives a truck as assigned. He shall have the personal qualifications of leadership and supervisory ability, the craft qualifications of a Cable Splicer, and be familiar with Company's construction and safety standards, accounting procedures and other applicable rules and procedures.

Next Lower Classifications

2280 (2286) Cable Splicer (Un.)
2283 Night Cable Splicer

Same or Higher Classifications

0140 Cableman
0683 Night Cable Crew Foreman
0820 Cable Crew Foreman
2290 Transmission Cableman

0683 NIGHT CABLE CREW FOREMAN - SAN FRANCISCO DIVISION ONLY

A service employee who has the full qualifications of and performs work of a Cable Crew Foreman.

Next Lower Classifications

2280 (2286) Cable Splicer (Un.)
2283 Night Cable Splicer

Same or Higher Classifications

0140 Cableman
0683 Night Cable Crew Foreman
0820 Cable Crew Foreman
2290 Transmission Cableman

HOURS OF WORK

Pursuant to the provisions of Section 202.8 of the Agreement, Company and Union are in accord that the hours of a Night Cable Crew Foreman shall be as follows:

10:00 P.M. to 6:00 A.M.

WORK SCHEDULE

Rotating schedule as established by agreement at local level.

0140 CABLEMAN (San Francisco Division)

An employee who has the qualifications of a Cable Splicer, is familiar with the underground system and has the experience and ability to analyze cable and equipment troubles quickly and to restore services promptly by replacing fuses, switching, disconnecting defective cables or apparatus, making repairs, etc. He drives a truck as assigned. When not engaged in such work, he shall perform any type of Cable Splicer's work; shall be familiar with Company's standards, procedures and safety regulations.

(cont'd)

0140 CABLEMAN (San Francisco Division) (Continued)

Next Lower Classifications

2280 (2286) Cable Splicer (Un.)
2283 Night Cable Splicer

Same or Higher Classifications

0140 Cableman
0683 Night Cable Crew Foreman
0820 Cable Crew Foreman
2290 Transmission Cableman

2290 TRANSMISSION CABLEMAN

An employee who patrols and inspects underground transmission lines. This may include all forms of underground patrolling. Must have the craft qualifications of a Cable Splicer and performs any underground line work in connection with maintenance, operation and construction of underground transmission lines. May be required to perform switching, line structure maintenance, minor repairs/replacement of hardware, and reinsulation. Must possess a valid Class III California driver's license. When qualified, may be required to operate a vehicle/boat and to operate associated equipment as assigned.

Notes on Transmission Cableman Definition:

- 1) Must have adequate oral and written skills to communicate clearly with customers, property owners, and others.
- 2) Must be capable of performing transmission live line work. Performing live line work is only that work limited to inspection of energized lines.
- 3) Must be able to properly assess the urgency of a problem for correction.
- 4) May be required to travel and stay away from home.
- 5) Switching shall be limited to that normally performed by a Cableman.
- 6) May work alone, however, in all instances when working in confined spaces, manholes, etc., must work with a Helper or assistant.
- 7) The primary duties of this classification will be transmission work. May assist, be part of, or direct a crew doing transmission work.
- 8) Transmission Cablemen are day employees.

Next Lower Classifications

0683 Night Cable Crew Foreman
0820 Cable Crew Foreman
2280 (2286) Cable Splicer (Un.)
2283 Night Cable Splicer

Same or Higher Classifications

0140 Cableman
2290 Transmission Cableman
2535 Transmission Troublemán

(cont'd)

2290 TRANSMISSION CABLEMAN (Continued)

The Transmission Troublemán and Transmission Cableman classifications will be placed in all the same lines of progression where Troublemán and Cableman appear.

- Notes: A. Patrol personnel should normally be obtained from Lineman/Cable Splicer within the Division. If necessary, patrol personnel may be obtained from same classification within the Region or inter-regionally.
- B. Overtime assignments shall be based upon the provisions of Titles 208 and 212. No pre-arranged overtime will be performed as part of a crew with the exception of Transmission Troublemán performing hot washing. This does not preclude the Transmission Cableman from working with a Helper or a Groundman. For Title 212 purposes, the Transmission Troublemán will be used only when called for inspection or patrolling of transmission lines and associated switching and crew work that directly results from the patrolling or inspection.
- C. Workplace (location of work) will normally be any location within the Region, except as provided for in "A" above. The provisions of Title 201 shall apply when traveling from designated headquarters.

2280 CABLE SPLICER

An employee who is a journeyman and who is engaged in splicing cables of any kind or voltage for the connection of cable, transformers, junction boxes, and other equipment in the underground or overhead systems or stations. May be required to perform other underground work such as preparing cable racks, pulling in and racking cables, maintaining equipment in the underground system, etc. He shall install and maintain services, meters, and equipment including conduit and wiring up to the meter on customers' premises and shall handle trouble in such installations. He drives a truck and operates the associated equipment as assigned. His back ground of apprenticeship and experience must be such as to qualify him to perform these duties with skill and efficiency. In addition to his responsibility as a journeyman, may be assigned as a Working Foreman in charge of a crew and its equipment engaged in pulling underground cables and wires of all sizes, types, lengths and number of conductors into and out of pipes, conduits and duct lines and other necessary work in conjunction with the pulling of cables. May be required to perform work in connection with the construction and maintenance of underground manholes, vaults, splice boxes, duct lines and similar structures. As a Working Foreman, he shall have the personal qualifications of leadership and supervisory ability and be familiar with Company's construction and safety standards, accounting procedures and other applicable rules and procedures.

(cont'd)

2280 CABLE SPLICER (Continued)

Notes on Cable Splicer Definition:

- A. It is the intent that the use of an underground unit is basic in the Underground Section of the Electric Transmission and Distribution Department. A unit may be made up of:

- 1-Cable Splicer,
- 2-Cable Splicers,
- 1-Cable Splicer and one Apprentice Cable Splicer, or
- 1-Cable Splicer and one Groundman.

These units can be supplemented by a Cartman, Groundman, or other physical classification acting in the capacity of a Cartman and/or Flagman. It is not the intent of the Cable Splicer definition to use other than an underground crew (one directly supervised by an Exempt Supervisor or a Cable Crew Foreman) to work on live apparatus and/or cables (except to inspect, clean, paint and flame-proof cables).

Two or three man units (as opposed to crews) will not be required to:

1. Make transmission pipe-type cable splices, 60 kv and above.
2. Perform maintenance on apparatus with exposed current carrying energized parts, energized above 600 volts.
3. Phase three-phase primary apparatus and lead cables normally energized above 600 volts.
4. Install or remove three-phase underground residential distribution, underground commercial distribution and pad-mount transformers with an aggregate capacity greater than 1000 kva.
5. Proof test primary cable sections beyond the length of cable between the station and the first switch outside the station.

In all types of work, units will not be required to perform any function that would:

1. Create a hazard to life or property.
 2. Exceed the capability of manpower, tools, or equipment available.
- B. The Cable Splicer classification will be applied to all work on cables rated above 25 kv and "Network" systems (including primary power cables feeding the network) as now exist in San Francisco and Oakland. In addition, all leaded cables or paper insulated cables, regardless of voltage rating, will be Cable Splicer's work. Company is not precluded, however, from using the Cable Splicer on any type of insulated cable.

2280 CABLE SPLICER (Continued)

- C. The Cable Splicer classification is a journeyman classification. The filling of vacancies in this classification, pursuant to Titles 205 and 206, shall not be subject to the conditions outlined in Subsections 205.14(a) and (b).
- D. A Cable Splicer while assigned as a Working Foreman in charge of a crew and its equipment engaged in pulling cable may drive a truck as assigned, but may not operate the associated equipment for cable pulling.

Next Lower Classification

Same or Higher Classifications

2281 Apprentice Cable Splicer

0140 Cableman
0649 U/G Subforeman A (G.C.)
0683 Night Cable Crew Foreman
0740 Electric Crew Foreman
0820 Cable Crew Foreman
2280 (2286) Cable Splicer (Un.)
2283 Night Cable Splicer
2290 Transmission Cableman

2283 NIGHT CABLE SPLICER - SAN FRANCISCO DIVISION ONLY

A service employee who has the full qualifications of and performs the work of a Cable Splicer.

(For purposes of the Master Apprenticeship Agreement, vacancies in this classification will be filled in the same manner as vacancies in the classification of Cable Splicer.)

Next Lower Classification

Same or Higher Classifications

2281 Apprentice Cable Splicer

0140 Cableman
0649 U/G Subforeman A (G.C.)
0683 Night Cable Crew Foreman -
0740 Electric Crew Foreman
0820 Cable Crew Foreman
2280 (2286) Cable Splicer (Un.)
2283 Night Cable Splicer
2290 Transmission Cableman

HOURS OF WORK

Pursuant to the provisions of Section 202.8 of the Agreement, Company and Union are in accord that the hours of work of a Night Cable Splicer shall be as follows:

10:00 P.M. to 6:00 A.M.

WORK SCHEDULE

Rotating schedule as established by agreement at the local level.

1105 CABLE LINEMAN (To be Used on a Temporary Basis Only)

An employee who, as a member of a crew, as a member of a two-man unit, or alone, performs splicing and terminating on non-leaded cables rated 25 kv or less in connection with the construction, maintenance and operation of streamline, pad-mount and full underground distribution systems except "network" systems. This temporary classification shall be used for the duration of an employee's assignment to such work and shall apply to any classification in the Electric Transmission and Distribution Department so assigned, except Apprentice Lineman.

2281 APPRENTICE CABLE SPLICER

An employee who is engaged in performing Cable Splicer's work as an assistant to or under the general direction of a journeyman. On jobs for which he has been trained and instructed, and only for purposes of gaining experience and proficiency for advancement to Cable Splicer, may work alone when under the indirect supervision of an employee who has attained journeyman status. He may also be required to work alone on repetitive routine jobs not involving cable splicing, such as tagging, mapping, electrolysis surveys, flame-proofing, replacing tanks and adjusting pressure on nitrogen pressure systems. He drives a truck as assigned. The employee's educational and general qualifications must be such that he is considered capable of attaining journeyman status.

Next Lower Classifications

0180 Cartman
0456 T&D Driver
0458 Field Clerk - Electric T&D
0910 Groundman
0913 Night Groundman
*0960 Cableman's Helper
1190 Street Light Maintenceman
1660 T&D Equipment Operator
2010 Manhole Pumpman
2013 Night Manhole Pumpman

Same or Higher Classifications

0649 U/G Subforeman A (G.C.)
0740 Electric Crew Foreman
0845 Working Foreman
1099 U/G Lineman (G.C.)
(Incumbent only)
1100 (1103) Lineman (Un.)
2281 Apprentice Cable Splicer
2535 Transmission Troublemán
2540 Troublemán

Notes:

All employees with 205.8(b) or (c) prebids on file to Apprentice Cable Splicer should be scheduled to attend the three-day Division Climbing School. An employee must have successfully completed the three-day Division Climbing School in order to be given consideration for a vacancy to the Apprentice Cable Splicer classification. An employee who has not been given an opportunity to attend the three-day Division Climbing School shall not be bypassed for a vacancy. An employee who has failed the three-day Climbing School must make a request to be allowed a second attempt within 30 days following failure of first attempt in order

*A Cableman's Helper who is the successful bidder on an Apprentice Cable Splicer vacancy shall be credited as an Apprentice Cable Splicer up to a maximum of six months.

2281 APPRENTICE CABLE SPLICER (Continued)

to be considered for subsequent vacancies. An employee who fails to make a timely request to be allowed a second attempt shall no longer be considered a valid bidder to an apprenticeship where climbing is a requirement. An employee who has made a timely request to be allowed a second attempt and who has not had an opportunity to attend shall not be bypassed for a vacancy, provided the request was submitted timely to be valid under Subsection 205.4(d).

All employees with 205.8(b) or (c) prebids on file to Apprentice Cable Splicer must have successfully completed the Arithmetic Computation Test (ACT) requirement prior to being considered for a vacancy to Apprentice Cable Splicer. If an employee has not taken the ACT but has a written request on file with his/her Human Resources Department, the employee must be given the opportunity to take the test before a bypass can be made.

All employees who are in classifications which are considered next lower to a climbing apprenticeship and who have passed the Division Climbing School and the ACT shall be required to attend the Basic Climbing School at Kettleman prior to being awarded an apprenticeship. An employee who is to be awarded an apprenticeship under Subsection 205.8(b) and has met the ACT requirement but who has not yet attended Basic Climbing School shall be awarded such job pending successful completion of the school.

Employees who are not in the line of progression but who have valid 205.8(c) prebids on file and are the otherwise successful bidders to a vacancy shall be awarded the position pending the successful completion of the next scheduled session at Kettleman.

0960 CABLEMAN'S HELPER

An employee who assists a Cableman by handling and preparing tools and materials for the Cableman's use, is responsible for keeping materials and tools in good order and assists in general housekeeping on Cableman's truck, drives the Cableman's truck, guards open manholes, receives and transmits telephone or radio orders, prepares reports and material requisitions, accounts for material used and salvaged, prepares installation sketches and time cards.

Next Lower Classifications

0180 Cartman (Incumbent only)
0910 Groundman
0913 Night Groundman
2010 Manhole Pumpman
2013 Night Manhole Pumpman

Same or Higher Classifications

0140 Cableman
0623 Labor Foreman (Electric T&D)
0649 U/G Subforeman A (G.C.)
0683 Night Cable Crew Foreman
0740 Electric Crew Foreman
0820 Cable Crew Foreman
0845 Working Foreman
0960 Cableman's Helper

(cont'd)

0960 CABLEMAN'S HELPER (Continued)

Next Lower Classification

Same or Higher Classifications

0990 Inspector
1099 U/G Lineman (G.C.)
(Incumbent only)
1100 (1103) Lineman (Un.)
1101 Apprentice Lineman
1660 T&D Equipment Operator
2280 (2286) Cable Splicer (Un.)
2281 Apprentice Cable Splicer
2283 Night Cable Splicer
2290 Transmission Cableman
2500 Voltage Tester
2510 Utility Voltage Tester
2535 Transmission Troubleshooter
2540 Troubleshooter

0180 CARTMAN (Incumbent only)

An employee who assists a Cable Splicer by handling and preparing tools and materials for the splicer's use; is responsible for keeping material and tools in good order and assists in general housekeeping on the splicer's cart or truck, drives the truck, guards open manholes, prepares reports and requisitions, accounts for material used and salvaged, prepares time cards and installation sketches.

Notes:

An employee who on December 18, 1970 was classified as a Cartman will be reclassified to Apprentice Cable Splicer when he qualifies by meeting the entrance requirements for such apprenticeship. When he is reclassified, he will be placed at the starting step and time worked in the Cartman classification will be credited as Apprentice Cable Splicer up to a maximum of six months. An employee who has not previously qualified for the apprenticeship and who is unable to do so at this time, shall be retained in his classification until such time that he (1) can meet the requirements of the apprenticeship, and at that time be reclassified to Apprentice Cable Splicer, or (2) is a successful bidder to another classification under provisions of Title 205 with bidding rights the same as established previous to this change.

1190 STREET LIGHT MAINTENANCEMAN

An employee who maintains street lights and electroliers, cleans and changes glassware, replaces lamps and defective parts, and performs other miscellaneous work on street lights and street light circuits. May work on street light circuits normally energized above 600 volts when such circuits are properly cleared and grounded.

(cont'd)

1190 STREET LIGHT MAINTENANCEMAN (Continued)

Next Lower Classifications

0180 Cartman (Incumbent only)
 0456 T&D Driver
 0458 Field Clerk - Electric T&D
 0910 Groundman
 0913 Night Groundman
 0960 Cableman's Helper
 1660 T&D Equipment Operator
 1943 Patrolman
 2010 Manhole Pumpman
 2013 Night Manhole Pumpman

Same or Higher Classifications

0140 Cableman
 0623 Labor Foreman (Electric T&D)
 0649 U/G Subforeman A (G.C.)
 0650 Subforeman A (G.C.-Line)
 0653 Subforeman B (G.C.-Line)
 0683 Night Cable Crew Foreman
 0740 Electric Crew Foreman
 0820 Cable Crew Foreman
 0845 Working Foreman
 0990 Inspector
 1099 U/G Lineman (G.C.)
 (Incumbent only)
 1100 (1103) Lineman (Un.)
 1101 Apprentice Lineman
 1190 Street Light Maintenceman
 2280 (2286) Cable Splicer (Un.)
 2281 Apprentice Cable Splicer
 2283 Night Cable Splicer
 2290 Transmission Cableman
 2500 Voltage Tester
 2510 Utility Voltage Tester
 2535 Transmission Troubleman
 2540 Troubleman

1943 PATROLMAN

An employee who patrols and inspects transmission, distribution and telephone lines or cables; contacts customers concerning Company operations which affect their service, does routine maintenance and repair work and may be assigned to other related duties. When he is qualified, he may occasionally be required to perform work which involves climbing and also to perform work on primary or transmission circuits with a journeyman.

Next Lower Classifications

0180 Cartman (Incumbent only)
 0456 T&D Driver
 0458 Field Clerk - Electric T&D
 0910 Groundman
 0913 Night Groundman
 0960 Cableman's Helper
 1190 Street Light Maintenceman
 1660 T&D Equipment Operator
 2010 Manhole Pumpman
 2013 Night Manhole Pumpman

Same or Higher Classifications

0140 Cableman
 0623 Labor Foreman (Electric T&D)
 0649 U/G Subforeman A (G.C.)
 0650 Subforeman A (G.C.-Line)
 0653 Subforeman B (G.C.-Line)
 0683 Night Cable Crew Foreman
 0740 Electric Crew Foreman
 0820 Cable Crew Foreman
 0845 Working Foreman
 0990 Inspector
 1099 U/G Lineman (G.C.)
 (Incumbent only)

(cont'd)

1943 PATROLMAN (Continued)

Next Lower Classification

Same or Higher Classifications

1100 (1103) Lineman (Un.)
 1101 Apprentice Lineman
 1943 Patrolman
 2280 (2286) Cable Splicer (Un.)
 2281 Apprentice Cable Splicer
 2283 Night Cable Splicer
 2290 Transmission Cableman
 2500 Voltage Tester
 2510 Utility Voltage Tester
 2535 Transmission Troubleman
 2540 Troubleman

2010 MANHOLE PUMPMAN

An employee engaged in the cleaning and maintenance of manholes and vaults; drives trucks, operates pumps, inspects for leaks and reports conditions found, and prepares sketches on the forms provided.

Next Lower Classifications

Same or Higher Classifications

0180 Cartman
 0456 T&D Driver
 0458 Field Clerk - Electric T&D
 0910 Groundman
 0913 Night Groundman
 0960 Cableman's Helper
 1190 Street Light Maintenance
 1660 T&D Equipment Operator
 1943 Patrolman

0140 Cableman
 0623 Labor Foreman (Electric T&D)
 0649 U/G Subforeman A (G.C.)
 0650 Subforeman A (G.C.-Line)
 0653 Subforeman B (G.C.-Line)
 0683 Night Cable Crew Foreman
 0740 Electric Crew Foreman
 0820 Cable Crew Foreman
 0845 Working Foreman
 0990 Inspector
 1099 U/G Lineman (G.C.)
 (Incumbent only)
 1100 (1103) Lineman & (Un.)
 1101 Apprentice Lineman
 2010 Manhole Pumpman
 2013 Night Manhole Pumpman
 2280 (2286) Cable Splicer & (Un.)
 2281 Apprentice Cable Splicer
 2283 Night Cable Splicer
 2290 Transmission Cableman
 2500 Voltage Tester
 2510 Utility Voltage Tester
 2535 Transmission Troubleman
 2540 Troubleman

2013 NIGHT MANHOLE PUMPMAN

A service employee who has the full qualifications of and performs work of a Manhole Pumpman.

Next Lower Classifications

0180 Cartman
0456 T&D Driver
0458 Field Clerk - Electric T&D
0910 Groundman
0913 Night Groundman
0960 Cableman's Helper
1190 Street Light Maintenance man
1660 T&D Equipment Operator
1943 Patrolman

Same or Higher Classifications

0140 Cableman
0623 Labor Foreman (Electric T&D)
0649 U/G Subforeman A (G.C.)
0650 Subforeman A (G.C.-Line)
0653 Subforeman B (G.C.-Line)
0683 Night Cable Crew Foreman
0740 Electric Crew Foreman
0820 Cable Crew Foreman
0845 Working Foreman
0990 Inspector
1099 U/G Lineman (G.C.)
(Incumbent only)
1100 (1103) Lineman & (Un.)
1101 Apprentice Lineman
2010 Manhole Pumpman
2013 Night Manhole Pumpman
2280 (2286) Cable Splicer & (Un.)
2281 Apprentice Cable Splicer
2283 Night Cable Splicer
2290 Transmission Cableman
2500 Voltage Tester
2510 Utility Voltage Tester
2535 Transmission Troubleshooter
2540 Troubleshooter

HOURS OF WORK

Pursuant to the provisions of Section 202.8 of the Agreement, Company and Union are in accord that the hours of work of a Night Manhole Pumpman shall be as follows:

10:00 P.M. to 6:00 A.M.

WORK SCHEDULE

Rotating schedule as established by agreement at the local level.

0523 SECOND FALLER (To be Used on a Temporary Basis Only)

An employee in a Labor crew who is engaged in cutting and felling trees, generally requiring the use of a chain saw; may be required to trim felled trees and saw into lengths.

0910 GROUNDMAN

An employee whose principal duties consist of semi-skilled work while assisting a journeyman or apprentice including the use of hand tools under direction; assists in overhead and underground line construction and maintenance and other miscellaneous semi-skilled work. May be required, under direction, to use portable power tools for work not requiring precision. He may be permitted to learn to climb on the job in training for advancement, but shall not do line work.

BEGINNER'S CLASSIFICATION.

Notes on Division Climbing School:

A three-day school shall be attended by all employees who are in jobs which are considered next lower to a climbing apprenticeship prior to attending the centralized climbing school at Kettleman.

Employees who, by submitting a transfer application, have indicated a desire to enter a line of progression where climbing is required must attend and pass the three-day school before such a transfer can be effected. If the Company has failed to provide an opportunity for the employee to attend the school, Company must do so before a bypass can be made for failure to meet this requirement. An employee who has failed the three-day Climbing School must make a request to be allowed a second attempt within 30 days following failure of the first attempt to be considered for subsequent vacancies. A transfer to Groundman from an employee who fails to make a timely request to be allowed a second attempt shall be considered invalid. An employee who has made a timely request to be allowed a second attempt to attend shall not be bypassed for a vacancy provided the request was submitted timely to be valid under Section 205.

General Construction employees who enter the Division in a job next lower to a climbing apprenticeship and who worked in a climbing position for at least six months shall have the Division Climbing School and the Basic Climbing School requirement waived.

0913 NIGHT GROUNDMAN - SAN FRANCISCO DIVISION ONLY

A service employee who has the full qualifications of and performs work of a Groundman.

Beginner's Classification

Notes:

A transfer application from a Groundman or a higher classification in the Electric T&D Line of Progression will be given Priority 1 status under the Job Bidding System. Under other circumstances, Night Groundman will be considered a Beginner's Classification and will be posted for bid.

0913 NIGHT GROUNDMAN - SAN FRANCISCO DIVISION ONLY (Continued)

HOURS OF WORK

Pursuant to the provisions of Section 202.8 of the Agreement, Company and Union are in accord that the hours of work of Night Groundman shall be as follows:

10:00 P.M. to 6:00 A.M.

WORK SCHEDULE

Rotating schedule as established by agreement at the local level.

LETTER AGREEMENT 84-157 ESTABLISHING
CONDITIONS APPLICABLE TO THE FILLING OF THE
CLASSIFICATIONS OF UTILITY UG INSTALLER AND UG INSTALLER

Until Company and Union agree to the contrary, assignments to Utility Underground Installer and Underground Installer will be made on a temporary basis in accordance with the provisions of Section 205.3 of the Labor Agreement.

This work will be performed by a Utility Underground Installer or higher classification (who has been appropriately trained) with the assistance of an Underground Installer or another Utility UG Installer. The Underground Installer will not be required to perform splicing or terminating alone or as part of a crew.

The temporary classifications and job descriptions consist of the following:

1041 UTILITY UG INSTALLER

An employee who is in charge of a working unit/crew of one to five additional employees engaged in the installation of new UG residential services. Shall have the personal qualifications of leadership and supervisory ability, and be familiar with G.O. 112, G.O. 128, Company construction standards, safety rules and accounting requirements. Shall be skilled in the installation of electric non-lead cable systems and plastic gas distribution systems and the operation of associated construction tools and equipment.

1041 UTILITY UG INSTALLER (continued)

Gas

<u>Next Lower Classifications</u>	<u>Same or Higher Classifications</u>
0560 Fitter	0640 Gas Crew Foreman -Welding
0562 Fitter - Arc	*0641 Gas Crew Foreman
0563 Unassigned Fitter	1041 Utility UG Installer
* **1042 UG Installer	
1300 Gas Mechanic	
* **1645 Equipment Operator	
* **1650 Heavy Equipment Operator	

Electric

<u>Next Lower Classifications</u>	<u>Same or Higher Classifications</u>
*1042 UG Installer	0140 Cableman
*1660 T&D Equipment Operator	0683 Night Cable Crew Foreman
	0740 Electric Crew Foreman
	0820 Cable Crew Foreman
	*0845 Working Foreman
	1041 Utility UG Installer
	1100 (1103) Lineman (Un.)
	2280 (2286) Cable Splicer (Un.)
	2283 Night Cable Splicer
	2290 Transmission Cableman
	2535 Transmission Troublemán
	2540 Troublemán

- Notes: A. Work units/crews will not be required to perform any function that creates a hazard to life or property, nor exceed that capability of manpower, training, tools or equipment available.
- B. A minimum of three employees is required to install services in excess of 2 inches or inserts in excess of 1-1/4 inches.
- C. Cable installation is limited to non-lead, CIC and direct buried types for purposes of this agreement regarding new UG residential secondary service, including splicing and the associated substructures. Hot termination and meter installation is limited to 600 volts or less providing special training has been provided.

*Must have successfully completed ACT.

**Applicable to those employees who have completed the Fieldman/Equipment Operator Training Program. However, this will not apply to those employees who, through no fault of their own, were not scheduled to attend the training program on a seniority basis.

1042 UG INSTALLER

An employee who, as part of a unit/crew is engaged in the installation of new underground residential plastic gas and electric distribution construction services. Shall be familiar with G.O. 112, G.O. 128, Company construction standards, safety rules and accounting requirements. Shall be skilled in the installation of electric non-lead cable systems and plastic gas distribution systems and the operation of associated construction tools and equipment. Assists the Utility UG Installer or higher classifications.

Gas

Next Lower Classifications

0419 Truck Driver
0524 Fieldman
(18-month step)

Same or Higher Classifications

0465 Hvy. Truck Driver
*0524 Fieldman
(24-month step)
0560 Fitter
0562 Fitter - Arc.
0563 Fitter, Unassigned
1041 Utility UG Installer
1042 UG Installer
1300 Gas Mechanic
1645 Equipment Operator
1650 Hvy. Equipment Operator

Electric

Next Lower Classifications

0456 T&D Driver
0960 Cableman's Helper
1190 Str. Lt. Maintenceman
1943 Patrolman

Same or Higher Classifications

0149 Cableman
0623 Labor Foreman
0683 Night Cable Crew Foreman
0740 Electric Crew Foreman
0820 Cable Crew Foreman
0845 Working Foreman
0990 Inspector
1041 Utility UG Installer
1042 UG Installer
1100 Lineman
1103 Unassigned Lineman
2280 Cable Splicer
2283 Night Cable Splicer
2286 Unassigned Cable Splicer
2290 Transmission Cableman
2535 Transmission Troubleman
2540 Troubleman

*Applicable to those employees who have completed the Fieldman/Equipment Operator Training Program. However, this will not apply to those employees who, through no fault of their own, were not scheduled to attend the training program on a seniority basis.

1042 UG INSTALLER (Continued)

- Notes: A. Work units/crews will not be required to perform any function that creates a hazard to life or property, nor exceed that capability of manpower, training, tools or equipment available.
- B. A minimum of three employees is required to install services in excess of 2 inches or inserts in excess of 1-1/4 inches.
- C. Cable installation is limited to non-lead, CIC and direct buried types for purposes of this agreement regarding new UG residential secondary service.
- D. Will act as an assistant to the Utility UG Installer or higher classifications in the performance of cable termination, splicing, and meter installation.

The crew/unit will report to Gas supervision.

Company will provide training for all employees working in the underground utility work unit. The following is a description and schedule of the training:

Underground Utility Work Unit/Crew Training

1. Administration:
 - 1.1 All training, qualifying and reviewing of personnel for assignment to an underground utility work unit shall be administered jointly by the Division Gas and Electric instructors.
 - 1.2 Company shall provide training, as listed in Items 3.1 through 3.3 below, when ten (10) or more Electric T&D employees within a Region have submitted prebids to Utility UG Installer or UG Installer.
2. The following training will be required for Gas T&D employees:
 - 2.1 Two days of classroom training based on the material and instruction received at the initial two-day, non-lead splicing course.
 - 2.2 Three days of actual on-the-job training to qualify personnel in the proper installation of secondary underground services.
 - 2.3 Two days of on-the-job observation and review of work procedures by the Division instructors.
3. The following training will be provided for Electric T&D employees subject to the provisions of 1.2 above:
 - 3.1 Three days of Division classroom and hands-on training based upon the expanded Plastic System Training Course.

1042 UG INSTALLER (Continued)

- 3.2 Three days of actual on-the-job training to qualify personnel in the proper installation of plastic gas services.
- 3.3 Two days of on-the-job observation and review of work procedures by Division instructors.

Further, it is agreed that employees working in Utility Underground Installer and Underground Installer classifications will be on a voluntary basis. A Gas T&D employee may at any time request and be granted the right to return to his regular classification and duties. An Electric T&D employee, upon successful completion of the required training, will be considered as having volunteered for such assignments as they occur, in accordance with the provisions of Section 205.3 of the Labor Agreement, for a period of 12 consecutive months.

Company also agreed that no employee will be displaced, demoted or reassigned to different work for lack of work as a result of this agreement. Employees classified as UG Installer will be subject to the non-lead splicing course for the purpose of familiarizing them with the work process. However, in the assignment of duties, note D of the UG Installer classification will govern.

LETTER OUTLINING INTENT OF SUBSECTION 202.5(a)

As a result of the 1976/77 general negotiations, Subsection 202.5(a) of the Physical Contract was added to provide for the scheduling of employees in the [Gas and the] Electric T&D Departments during hours other than 8:00 a.m. to 4:30 p.m. or 8:00 a.m. to 5:00 p.m. The specific contractual language involved in this change is as follows:

202.5(a) "In addition to the hours and conditions outlined in Subsection 202.4(a) above, employees in the Electric Transmission and Distribution Departments and the Gas Transmission and Distribution Departments may be regularly scheduled to work the hours of 7:00 a.m. to 11:30 a.m. and from 12:00 noon to 3:30 p.m. or the hours of 9:30 a.m. to 1:00 p.m. and from 1:30 p.m. to 6:00 p.m. The basic workweek of employees assigned either of the regular schedule of hours listed above shall be from Monday through Friday. Company shall notify the Union of any change in hours provided for by this Subsection thirty days prior to the institution of work hours which differ from those previously in effect at a headquarters." (*Last sentence was added to this paragraph after this Letter of Intent was written.)

In negotiating the above schedule of hours, it is the Company's intent to adopt the specific schedule of hours outlined above primarily where specific operational or continuity of service requirements dictate the need for such hours and secondarily where there are other apparent needs justifying such hours. The example given during bargaining was the difficulty in obtaining crews during peak commute hours in urban areas. Reasons for adoption of the revised schedule are not limited to this example. However, in any situation the intent surrounding the negotiation of Subsection 202.5(a) must be considered in relation to assessing the need for the revised schedule of hours.

Once implementation of one or both of the schedules is justified, other conditions relative to their use are as follows:

1. The number of employees assigned the revised schedule shall be in conformity with the following statement of intent:

"With respect to the capability of changing hours under new Subsection 202.5(a), the Company agrees that a substantial majority of the gas and electric transmission and distribution employees at any headquarters will continue to be scheduled from 8:00 to 4:30 or 5:00 in accordance with the provisions of Section 202.4. The Company also agrees that where an employee who is scheduled to work other than 8:00 to 4:30 or 5:00 is absent, he will be replaced provided the normal crew complement is not greater than three employees."

A substantial majority referred to above means approximately two-thirds of the T&D crews and work units in either the Electric or Gas T&D Departments. Note should also be made of the requirement to replace an absent employee where the crew size is not greater than three employees. This does not mean that a two or three-man crew cannot be regularly scheduled on the revised hours but rather that the Company will make every reasonable effort to replace an absent employee. It does not mean, furthermore, that the remaining members of a work unit must wait for a third member to be assigned prior to their dispatch to the field for work. (However, each unit must work in conformity to the notes and job definitions.)

2. Initial staffing of the crews will be accomplished in accord with the following:

"It was agreed that, in general, assignment to hours other than 8:00 a.m. -5:00 p.m. would be offered to employees in order of Service. If there are insufficient volunteers, assignments will be made on the basis of least Service."

3. Once the Subsection 202.5(a) schedules are implemented, they are to be considered regular hours and cannot be changed except on an annual or other regular basis. Also, once established, the assignment of employees to these schedules may be rotated among T&D employees at a location by prior local agreement between the Company and Union.
4. The provisions in Subsection 202.5(a) relative to the advancement or delay of the regular lunch period apply also to the Subsection 202.5(a) schedule of hours.

In order to assure a uniform approach to the implementation of Subsection 202.5(a), clearance for the change must be obtained from either the General Office Electric Transmission and Distribution Department or the General Office Gas Distribution Department and the General Office Industrial Relations Department.

San Francisco Division Grievance Nos. 2-490-80-5 and 2-491-80-6
P-RC 555 Attending Basic Climbing School More Than Once

November 4, 1980

MR. G. D. LAWSON,
Company Member
San Francisco Division
Local Investigating Committee

MR. F. A. SAXSENMEIER
Union Member
San Francisco Division
Local Investigating Committee

The above-subject grievance has been discussed prior to its docketing on the agenda of the Review Committee and is being returned, pursuant to Step Five A(i) of the Review Committee procedure, to the Local Investigating Committee for settlement in accordance with the following:

The issues in dispute concern the removal of two grievants from the Apprentice Cable Splicer classification when the Division became aware of the fact neither grievant had completed the Kettleman 10-day Basic Climbing School. The Joint Statement of Facts indicates both grievants attended and completed the San Francisco Division Climbing School in 1972 (prior to the establishment of the Company and Union agreed to three-day Division Climbing School on May 12, 1975). It further indicates that both grievants attended the Basic Climbing course at Kettleman in 1973 and that both voluntarily removed themselves at the end of the first week. The question posed in this grievance is whether or not it was proper for the Division to remove the grievants from the Apprentice Cable Splicer classification some three months after their appointment, for failure to have met the prerequisite entry requirements, and further, to deny them the opportunity to return to the 10-day climbing school.

In reviewing the Master Apprenticeship Agreement, the Pre-Review Committee recognizes that the Agreement is silent relative to whether or not employees who fail the Kettleman 10-day climbing school have the opportunity to return. A review of Company practice indicates that a number of employees have been permitted to return to the climbing school even though the Company, in this grievance, initially indicated that employees have only one opportunity.

Because the issue before the Committee involves both the denial of the opportunity to return to the climbing school and the demotion of the grievants, the Committee looked further into the practice in the Division and at other documents relating to the three-day and ten-day climbing school. The Committee noted that in San Francisco Division Grievance 2-297-78-37, the Local Investigating Committee agreed in a report dated May 15, 1978, that "if there has been a lapse of 12 months or more between completion of the three-day Division Climbing School and the award of an Apprentice Lineman's job, there shall be a review of the employee's pole climbing ability to determine if the employee should be rescheduled to attend the Division Climbing School." The Pre-Review Committee noted that even though neither grievant in this case had been to either of the climbing schools since 1973, the agreement reached by the Local Investigating Committee in the above cited case was not followed. The Committee next reviewed San Francisco Division Grievance 2-430-79-37 wherein two Groundmen who failed the Basic Climbing School claimed they should be allowed to

return. The grievance was settled on May 22, 1979 on the basis of Company's answer, which was, "As a basis for settling this grievance, the Company will provide the grievants the opportunity to attend the three-day Division Climbing School. Provided they pass the Division Climbing School, they will then be scheduled to take the final examination only, at the Kettleman Climbing School, they will be awarded Apprentice Cable Splicer's jobs."

Finally, the Pre-Review Committee reviewed a Letter Agreement between Company and Union dated August 17, 1979 and signed October 29, 1979. The purpose of this Letter Agreement was to clarify entry requirements and procedures for entry to the Apprentice Lineman and Apprentice Cable Splicer classifications. The Committee noted that this Letter Agreement stated, in part, that the three-day Division Climbing School shall be attended by all employees who are in jobs which are considered next lower to a climbing apprenticeship. The Letter Agreement further states, in part, "All employees who are in classifications which are considered next lower to a climbing apprenticeship and who have passed the Division Climbing School and the ACT shall be required to attend the Basic Climbing School at Kettleman prior to being awarded an apprenticeship. An employee who is to be awarded an apprenticeship under Subsection 205.8(b) and who has not yet attended Basic Climbing School shall be awarded such job pending successful completion of the school." (emphasis added)

After a thorough review of the facts in this case, the Pre-Review Committee is of the opinion that the grievants should have been returned to the Basic Climbing School when the Division became aware they had not completed the school and that they are now entitled to attend the Basic Climbing School one more time. If they pass, they will be returned to the Apprentice Cable Splicer classification retroactive to the date they were removed from the classification. They shall not, however, progress to the second step of the apprenticeship until such time as their combined work period is equal to six months. Further, the Pre-Review Committee will submit the re-entry issue to the Apprenticeship Committee requesting that they amend the Master Apprenticeship Agreement to provide for a procedure that the parties can jointly agree to.

This case is considered closed on the basis of the foregoing and the adjustments provided herein, and the closure so noted by the Local Investigating Committee.

/s/ D. J. BERGMAN, Chairman
Review Committee

/s/ R. W. Stalcup, Secretary
Review Committee

DJB:m1

August 6, 1985

Local Union No. 1245
International Brotherhood of
Electric Workers, AFL-CIO
P.O. Box 4790
Walnut Creek, California 94596

Attention: Mr. Jack McNally, Business Manager

Gentlemen:

This letter cancels and supersedes all previous correspondence on this issue.

To comply with the decision rendered in Arbitration Case No. 123, Company will use existing classifications to perform the work identified by the arbitrator as appropriate to those classifications. Work will be distributed as follows:

For those conditions in either overhead or underground construction work where the contracted work requires more "on-site" coordination and/or inspection by the Construction Supervisor than is required for Company crews, this will be performed by the "field representatives" in classifications listed below.

1) Underground Construction - by journeyman Fitter (0560) - Inspector (0990) or above.

2) Overhead Construction - Inspector (0990) or above.

"Field representative" duties are described in detailed in Company's attached Contract Compliance Manual as revised August 5, 1985.

Such duties, falling within the classifications outlined, shall be assigned by the supervisors in charge in accordance with the Labor Agreement. Supervision will continue to coordinate the activities of the bargaining-unit classifications involved in the contracting activities, as well as pre- and post-check jobs, negotiate with contractors and the associated Contract administration work.

If you are in accord with the foregoing and agree thereto, please so indicate in the space provided below and return one executed copy of this letter to Company.

Very truly yours,

PACIFIC GAS AND ELECTRIC COMPANY

By s/I. W. Bonbright
Manager of Industrial Relations

The Union is accord with the foregoing and it agrees thereto as of the date hereof.

LOCAL UNION NO. 1245, INTERNATIONAL
BROTHERHOOD OF ELECTRICAL WORKERS,
AFL-CIO

August 7 _____, 1985

By s/Jack McNally
Business Manager

COPY

August 17, 1987

Pacific Gas and Electric Company
245 Market Street
San Francisco, CA 94106

Attention: Mr. I. W. Bonbright, Manager of Industrial Relations

Gentlemen:

As a result of recent discussions, Union proposes, pursuant to Section 102.8 of the Physical Labor Agreement the following disposition of the switching and clearance grievances contained in Arbitration Case No. 133:

1. Lineman

A. Routine Switching Assignment

When an employee classified as a Lineman is assigned to perform switching, taking or holding a clearance and is not under the direct supervision of a working foreman or exempt supervisor during the time switching is being performed, such employee will be compensated for performing a routine switching assignment, as defined below, at the Lineman rate:

(1) Work assignments in the overhead that include one clearance point with switching in one location to clear the circuit for work or return it to normal;

(2) Work assignments in the underground URD or UCD non-network systems that include no more than two clearance points with switching (any operation on the switching log) performed by the employee in no more than two locations, regardless of the number of switching operations involved, to clear the circuit for work performed by the employee doing the switching or to return it to normal.

B. Complex Switching Assignment

When an employee classified as a Lineman is assigned to perform switching, taking or holding a clearance and is not under the direct supervision of a working foreman or exempt supervisor during the time switching is being performed, such employee will be compensated for performing a complex switching assignment, as defined below, for the work time involved rounded up to the nearest one-half hour, but no less than four hours, at the applicable Electric Crew Foreman rate:

Work assignments that include (1) combined phasing and rotation checks within the clearance limits, or (2) more than two clearance points, or (3) switching at more than two locations.

Pacific Gas and Electric Company
August 17, 1987
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2. Cable Splicer

An employee classified as a Cable Splicer will not be expected to perform switching assignments. If, however, a Cable Splicer performs a switching assignment, his or her rate of pay will be subject to the temporary upgrade provisions of Section 204.3 of the collective bargaining agreement. When a Cable Splicer is entitled to a temporary upgrade, the applicable higher classification under Section 204.3 is Cable Crew Foreman.

3. Electrician

When an employee classified as an Electrician is assigned to perform station or plant bus switching and is not under the direct supervision of a working foreman or exempt supervisor during the time switching is performed such employee will be compensated at the System Operator No. 3 top rate for the work time involved but in no case less than eight hours at the straight rate of pay.

Switching assignments under this Letter Agreement will be made in accordance with the job definitions and related notes of Exhibit VI-L for these classifications. Further, switching assignments under this Letter Agreement will be made without reference to Title 205 of the Physical Agreement; however, the making of such assignments will not result in the extended upgrades of employees covered by this Letter Agreement. However, when it becomes necessary to upgrade an employee as a result of this Letter Agreement and there is more than one journeyman on the job, the senior qualified employee will be entitled to the upgrade pursuant to Section 205.3 of the Physical Agreement.

All grievances included in Arbitration Case No. 133 will be resolved under the terms of this Letter Agreement at the Review Committee level. All subsidiary issues in these grievances will be remanded to the Review Committee for resolution.

If you are in accord with the foregoing and agree thereto, please so indicate in the space provided below and return one executed copy of this letter to the Union.

Very truly yours,

LOCAL UNION 1245, IBEW

By /s/ Jack McNally
Business Manager

The Company is in accord in the foregoing and agrees thereto as of the date hereof.

PACIFIC GAS AND ELECTRIC COMPANY

September 4, 1987

By s/I. W. Bonbright
Manager of Industrial Relations

EMPLOYEE PROVIDED TOOL LIST

APPRENTICE LINEMAN AND LINEMAN

1. Body Belt
2. Safety Strap (Employee provides first strap; Company provides replacements)
3. Climber with Pads and Straps
4. 8" Klein Pliers or Equivalent
5. Pliers - Channel Lock No. 420 or Equivalent
6. Skinning Knife
7. 6' Non-Metallic Folding Ruler
8. Gauge for Gaffs which cannot be measured on the Fargo Gauge provided by Company

APPRENTICE CABLE SPLICER AND CABLE SPLICER

1. 8" Klein Pliers or Equivalent
2. Long Nose Pliers
3. Pliers - Channel Lock or Equivalent
4. Skinning Knife
5. 6' Non-Metallic Folding Ruler

ELECTRICIAN AND APPRENTICE ELECTRICIAN

1. Box Tool
2. Bar, Pry
3. Chisel, Cold, 1/2"
4. Chisel, Small Wood
5. Clamps, 4" C - 2
6. Frame, Hacksaw, 12"
7. Gauges, Thickness .0015" - .2" - 1 Set
8. Hammer, Ball Peen, 12 oz.
9. Hammer, Small Ball Peen or Plastic Head
10. Hammer, Carpenter's Claw Ripping
- 11.*Knife, Electrician's
12. Knife, Putty
13. Level, Aluminum, 24"
14. Level, Torpedo, 9"
15. Mirror, Inspection
16. Pin Drift, 3/16", 1/4", 5/16", 3/8" - 1 Set
- 17.*Pliers, Klein (Lineman) 8"
- 18.*Pliers, Channel Lock, 9-1/2"
- 19.*Pliers, Diagonal, 6"
- 20.*Pliers, Long or Needle Nose
21. Pliers, Vice Grip
22. Punch, Center, 1/4"
23. Punch, Center, 3/8"
24. Punch, Pin, 1/16" to 3/8" by 16ths - 1 Set
25. Retriever, Flexible
- 26.*Rule, Wood Folding, 6'
27. Scissors
28. Scraper, Paint
29. Screwdriver, Angle with Ratchet
- 30.*Screwdrivers, Electrician's - 1 Set
31. Screwdriver, Holding, Small
- 32.* Screwdriver, Holding, Large
33. Screwdrivers, Phillips Head - 1 Set
34. Screwdrivers, Offset - 1 Set
- 35.* Screwdriver, Stubby, Small
- 36.* Screwdriver, Stubby, Large
37. Scribe
38. Snips, Tin
39. Spintight Nut Drivers, Deep Hollow Shank - 1 Set
40. Square, Combination Try and Mitre
41. Square, Carpenter's, Steel, 24"
42. Stone, Carborundum Sharpening
- 43.* Stripper, Wire
44. Tweezers
45. Wrenches, Allen Key - Short Arm, .05" to 5/8" - 1 Set
46. Wrenches, Allen Key - Long Arm, 5/64" to 3/8" - 1 Set
47. Wrenches, Box End, 3/8" to 7/8" by 16ths - 1 Set
48. Wrenches, Open End, 3/8" to 7/8" by 16ths - 1 Set
49. Wrenches, Combination, 3/8" to 7/8" by 16ths (Alternate for Box End and Open End Sets) - 1 Set
50. Wrenches, Open End Midgets - 1 Set
- 51.* Wrenches, Crescent, 4", 6", 8", 10", 12" or Equivalent (*6" only) - 1 Set
52. Wrenches, Pipe, 8"
53. Wrench, Pipe, 10"
54. Wrench, Socket Set, Deep, 1/2" Ratchet Drive with Extensions, 3/8" to 7/8" by 16ths - 1 Set

*Items to be supplied by Appr. Electricians during first 3 months in classification.