PACIFIC GAS AND ELECTRIC COMPANY

P → 215 MARKET STREET • SAN FRANCISCO, CALIFORNIA 94106 • (415) 972-7000 • TWX 910-372-6587

February 13, 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:

Company proposes, pursuant to Section 109.2 of the Physical Agreement, to add Digital Electronics to the Apprentice Electrician Training Program in 19-24 months' step (attached). This course will be a 96 hours Academic Assignment. This program will also be offered on voluntary basis to Electrical Technician, Apprentice Electrical Technician, and Electrician. This program will enhance and update the skills of the Electrician, Electrical Technician and Apprentice Electrical Technician. This program is a review type program which will have open book exams.

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 Company.

Very truly yours,

PACIFIC GAS AND ELECTRIC COMPANY

Manager of Industrial Relations

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

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

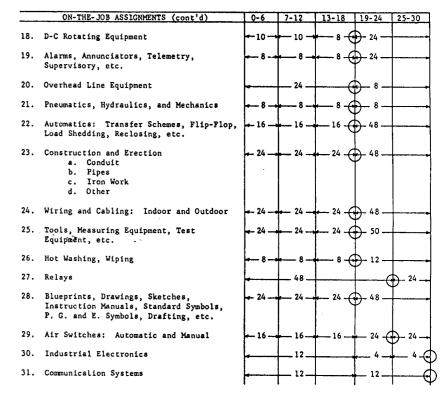
Business Manager

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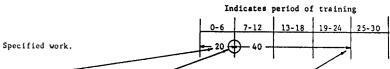
APPRENTICE ELECTRICIAN TRAINING PROGRAM

SCHEDULE

	ACADEMIC ASSIGNMENTS	0-6	7-12	13-18	19-24	25-30
1.	Basic Electricity Course - '	160				
2.	Basic Electronics Course -		120	×		
3. 4.	Relay and Vector Course - Digital Electronics			120	96	
<u></u>	ON-THE-JOB ASSIGNMENTS				30	
1.	Safety, First Aid, Resuscitation, etc.	8	8	8	8-	8-6
2.	Operating Procedures	16-	16 —	16 -	24 —	
3.	Job Orientation	8-	 8-(12 —		
4.	Job Methods, Procedures and Techniques	- 12 -	12-(36 —	-
5.	Paper and Book Work	16	12-(30 —	 	
6.	Aerial Lifts	4-	4-(12 –	 	
7.	Fire Control Systems	8	8 (16 -	-	·
8.	Batteries, D-C Power Supplies	16-	16 -(- 48 –	 	
9.	Other D-C Equipment	8-	8	24 –		
0.	Meters and Metering	24	24 -(72 -		
1.	Cooling Systems: Air, Liquid or Fluid	8-	8 -(争	16 -	
2.	Lubricating Systems	8 -	8 -	﴾──	24	ļ,
13.	Power Circuit Breakers: Oil, Air, Vacuum, etc.	54	62 –	62 -	124 -	-
4.	Transformers	48	54	54 -(- 100 -	
5.	Regulators and Regulating Transformers	- 38-	46 -	54 -		_
6.	Capacitors	10-	10-	10 -	- 16 –	
7.	A-C Rotating Equipment	10	18 -	18 -	32 -	



GUIDE TO USE OF THE SCHEDULE



Indicates number of hours between arrows.

Indicates point at which apprentice can be expected to know all aspects of specified work, but with limited proficiency to perform such work

Last arrow to right indicates point at which full knowledge and proficiency is a requirement.

(2-13-89)

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