LETTER AGREEMENT NO. R2-93-55-PGE

IBEW

PACIFIC GAS AND ELECTRIC COMPANY
INDUSTRIAL RELATIONS DEPARTMENT
201 MISSION STREET, ROOM 1513A
MAIL CODE P15A
P.O. BOX 770000
SAN FRANCISCO, CALIFORNIA 94177
(415) 973-3425

INTERNATIONAL BROTHERHOOD OF
ELECTRICAL WORKERS, AFL-CIO
LOCAL UNION 1245, I.B.E.W
P.O. BOX 4790
WALNUT CREEK, CALIFORNIA 94596
(510) 933-6060

RONALD L. BAILEY, MANAGER OR
DAVID J. BERGMAN, DIRECTOR AND CHIEF NEGOTIATOR

JACK MCNALLY, BUSINESS MANAGER

March 8, 1994

Local Union 1245
International Brotherhood of
Electrical Workers, AFL-CIO
P.O. Box, 4790
Walnut Creek, CA 94596

Attention: Mr. Jack McNally, Business Manager

Gentlemen:

This will cancel and supersede our letter dated August 11, 1993 to include the 1241 Technical Compressor Mechanic-M&C (Rio Vista only) to appropriate lines of progression in accordance with the intent of LA91-145. Changes under R2 are shown in italics.

Attached is our understanding of the agreement reached by Company and Union over the past several months amending and updating Section 600.1 of the Physical Agreement, Job Definitions and Lines of Progression for Division Gas Measurement and Control.

Changes have been made in accordance with the following documents:

1. Additions of LAs 88-34 and 89-74 which update LA 79-35 on page 17 regarding Oakland Gas Load Center shift schedule.
2. 1990 Settlement Agreement
3. LA 91-145 which transferred DBU employees to the Gas Supply Business Unit
4. LA 92-116 which established the training program for the Gas Operating in Training classification.

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.

Very truly yours,

PACIFIC GAS AND ELECTRIC COMPANY

By R. C. Bank
Manager of Industrial Relations

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

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

March 11, 1994

By _____
Business Manager

PACIFIC GAS AND ELECTRIC COMPANY
AND
IBEW, LOCAL UNION 1245

JOB DEFINITIONS AND LINES OF PROGRESSION

DIVISION GAS MEASUREMENT AND CONTROL GROUP

EXHIBIT VI, SECTION 600.1

REVISED *MARCH, 1994*

REPLACES BOOK DATED *July 3, 1984*

GAS MEASUREMENT AND CONTROL GROUP
JOB DEFINITIONS AND LINES OF PROGRESSION

2410 GAS CONTROL TECHNICIAN

An employee who, without direct supervision, installs, checks, adjusts, operates and maintains all gas supervisory and remote control equipment including pneumatic and electronic controls, computers and their associated equipment. May be required to act as a leadman, supervising the work of other employees in lower classifications engaged in this work. Background of training, education and experience must be such as to qualify *an employee* to perform these duties with skill and efficiency.

Next Lower Classifications		Same or Higher Classification	
0640	Light Crew Foreman*	0644	Technical Subforeman A (G.C. Gas)
1306	*(1304) Gas Control Mechanic M&C & (Un.)***	0645	Technical Subforeman B (G.C. Gas)
1365	(1366) Measurement & Control Mechanic & (Un.)	2405	Gas Technician (G.C.)
1241	*Tech. Compressor Mechanic M&C (Rio Vista only)* **	2410	Gas Control Technician

*An employee in East Bay or San Francisco Division, who, on June 30, 1966 was classified as a Light Crew Foreman (0640) and who is qualified to perform the duties of the Measurement and Control Mechanic (1365) classification, shall be entitled to preferential consideration on bids to Gas Control Technician (2410) and to Measurement and Control Mechanic under Subsection 205.7 (b) of the Agreement.

***Former M&C Mechanics, Appr. M&C Mechanics and Technical Compressor Mechanics (Rio Vista only) who, in accordance with LA 91-145, were transferred from DBU to GSO and given option to retain rights to M&C Line of Progression in DBU.*

1365 MEASUREMENT AND CONTROL MECHANIC

An employee who is a journeyman and who is engaged in the installation, operation, and maintenance of all types of gas measurement, control and treating equipment in gas collection, transmission, storage and distribution systems, such as meters and regulators used for purchase, sale, and operation purposes, all types of pneumatic controllers and their associated control valves, pneumatic transducers and computers, and all types of telemetering equipment (excluding microwave circuits) where the basic circuitry does not include transistors. May be required to measure the output of electronic transducers (not including calibration adjustments) in connection with his/her regular work at a station. To gain experience for advancement to Gas Control Technician, may be required to work

under supervision on basic circuitry having transistors and performs calibration adjustments on electric transducers for which *an employee* has been trained and instructed. May be required to operate and maintain a propane-air plant. Calculates BTu and specific gravity of gas mixtures and sizes orifice plates including ratio controllers and adjusts equipment for required BTu and gravity control. Performs pressure control operations during shutdowns for repair or tie-in of distribution mains and transmission lines. May be required to weld, if qualified. May work alone or with the assistance of one other employee. May also work with a third employee without upgrade in a lower classification where the man is necessary for guarding manhole or vault openings or for flagging traffic. During pressure control operations, may provide functional assistance or guidance to crews involved. Background of apprenticeship and experience must be such as to qualify *an employee* to perform his/*her* duties with skill and efficiency.

Next Lower Classification		Same or Higher Classification	
1305	*Appr. Gas Control Mechanic M&C**	0644	Technical Subforeman A (G.C. Gas)
1368	Apprentice Measurement & Control Mechanic	0645	Technical Subforeman B (G.C. Gas)
		1306	*(1304) Gas Control Mechanic M&C & (Un.)**
		1365	(1366) Measurement & Control Mechanic & (Un.)
		2405	Gas Technician (G.C.)
		2410	Gas Control Technician
		1241	*Tech. Compressor Mechanic M&C (Rio Vista Only)**

**Former M&C Mechanics and Appr. M&C Mechanics who, in accordance with LA 91-145, were transferred from DBU to GSO and given option to retain rights to M&C Line of Progression in DBU.*

1368 APPRENTICE MEASUREMENT AND CONTROL MECHANIC

An employee who is engaged in performing a Measurement and Control Mechanic's work as an assistant to, or under the direction of, a journeyman. In order to gain experience for advancement to Measurement and Control Mechanic, may be required to work alone or under indirect supervision on jobs for which *an employee* has been trained and instructed. In addition, may be required to work alone, performing the duties of a Field Meter*person*. The employee's educational and general qualifications must be such that *an employee* is considered capable of attaining journeyman status.

Next Lower Classification		Same or Higher Classification	
0055	Plant Assistant	0503	Compressor Engineer (2)
0524	Field*person*	1245	Corrosion Mechanic

(Cont'd.)

Next Lower Classification

0560 (0563) Fitter & (Un.) (1)
0561 Apprentice Fitter (1)
0930 *Utility Worker* (Steam Heat or Gas T&D)
0934 *Utility Worker* (Gas Plant Maintenance)
0937 Plant *Utility Worker* (East Bay)
0950 Shift (Gas)
1375 Meter/Regulator Mechanic
1376 Senior Meter/Regulator Mechanic
1470 Orifice Meter*person* (3)
1483 Field Meter*person*

Same or Higher Classification

*1305 Appr. Gas Control Mechanic M&C**
1368 Apprentice Measurement & Control Mechanic
1578 Gas Operator-in-Training
1579 Regional Gas Control Operator

**Former M&C Mechanics and Appr. M&C Mechanics who, in accordance with LA 91-145, were transferred from DBU to GSO and given option to retain rights to M&C Line of Progression in DBU.*

Notes on the Apprentice Measurement & Control Mechanic classification:

1. (a) An employee who, on June 30, 1966, was classified as a Fitter (0560) or Apprentice Fitter (0561), and who is currently classified as a Fitter (0560) or Unassigned Fitter (0563), is entitled to preferential consideration on bids to fill Apprentice Measurement and Control Mechanic vacancies in his/*her* own Division under the provisions of Subsection 205.7(b).

   (b) A Fitter who receives consideration under Note 1 (a) above and who is the successful bidder on an Apprentice Measurement and Control Mechanic vacancy will be assigned to the vacancy but will retain his/*her* fitter classification until *the employee* completes the apprenticeship and is promoted to Measurement and Control Mechanic. During this period of training, will retain his/*her* Fitter classification for bidding and demotion purposes.

2. Pressure Operators (1720, 1723, or 1724) or Compressor Engineers (0503) who were formerly a Gas Measurementman (1220), Apprentice Gas Measurementman (1221), Meter Inspector (1010), Apprentice Meter Inspector (1011), Measurement and Control Mechanic or Apprentice Measurement and Control Mechanic, are considered as being in the same classification as Apprentice Measurement and Control Mechanic.

3. Orifice Meter*person* who successfully bid an Apprentice Measurement and Control Mechanic classification shall be placed at the 18-month step of the apprenticeship. Orifice Meter*person* who have completed the second session of the Apprentice Measurement and Control Mechanic training school and competed on-the-job training requirements shall be placed at the 24-month step of the apprenticeship.

4. Apprentice Measurement and Control Mechanic may demote to Field Meter*person* from 1-year step or higher.

1245 CORROSION MECHANIC

An employee who, without direct supervision, performs such duties as installing, checking, adjusting, operating and maintaining all types of corrosion control equipment and instrumentation, such as, but not limited to, rectifiers, anodes, insulated fittings, volt-ohm-ammeters, potentiometers, recorders, and inhibitor injection system. This work includes performing tests verifying isolation of metallic underground structures, determining cathodic protection current requirements, determining the existence of cathodic protection interference, restoring and maintaining cathodic protection systems, and selecting cathodic protection anode locations. The employee may be required to maintain files and records, to outline work schedules, and to provide functional guidance on all of the above activities. May work alone or with the assistance of another employee. May also work with a third employee when a third employee is required for guarding manhole or vault openings or for flagging traffic.

Qualifications

Shall have successfully completed the Corrosion Mechanic Training School. See page 13.

Next Lower Classification

0055 Plant Assistant
0057 Maintenance Assistant (*GSO*)
0524 Field*person*
0930 *Utility Worker* (Steam Heat or Gas T&D)
0934 *Utility Worker* (Gas Plant Maintenance)
0935 *Utility Worker* (*GSO*)
0937 Plant *Utility Worker* (East Bay)
0950 Shift *Utility Worker* (Gas)
1380 Pipeline Mechanic
1470 Orifice Meter*person*
1483 Field Meter*person*
1375 Meter/Regulator Mechanic
1376 Senior Meter/Regulator Mechanic
1569 Asst. Compressor Plant Operator
1705 Operator Mechanic

Same or Higher Classification

0644 Technical Subforeman A (G.C. Gas)
0645 Technical Subforeman B (G.C. Gas)
1245 Corrosion Mechanic
1306 *(1304) Gas Control Mechanic - M&C & (Un.)**
1307 (1404) Gas Control Mechanic & (Un.)
1365 (1366) Measurement & Control Mechanic & (Un.)
1406 (1414) Transmission Mechanic & (Un.)
1836 *Gas Supply Coordinator (3 yr. step)*
2405 Gas Technician (G.C.)
2410 Gas Control Technician
2415 Gas Transmission Technician

**Former M&C Mechanics and Appr. M&C Mechanics who, in accordance with LA 91-145, were transferred from DBU to GSO and given option to retain rights to M&C Line of Progression in DBU.*

1483 FIELD METER*PERSON*

An employee who is engaged in the routine inspection and operation of gas distribution, collection, transmission, and storage facilities involving gas measurement, control and treating equipment. Performs duties such as periodic routine inspection of meters; flow, temperature and pressure recorders; relief valves, regulators; odorizers; dehydrators; compressors and associated equipment. These duties include such work as changing charts, blowing drips, cleaning traps., gathering and running gas samples, patrolling lines, lubricating valves, assisting in pressure control operations; performing such duties as operating valves, locating lines, assisting in corrosion control activities by performing duties such as taking pipe to soil potentials, lighting and making routine adjustments to pilots and burners of dehydrators, heaters and, in emergencies or shutdowns, equipment of customers served from farm taps including reading such customers' meters and adjusting pressure. May be required to assist an employee in a higher classification. Shall drive a truck as required.

Next Lower Classification

0055 Plant Assistant
0524 Field*person*
0930 *Utility Worker* (Steam Heat or Gas T&D)
0934 *Utility Worker* (Gas Plant Maintenance)
0937 Plant *Utility Worker* (East Bay)
0950 Shift *Utility Worker* (Gas)

Same or Higher Classification

0503 Compressor Engineer
0644 Technical Subforeman A (G.C. Gas)
0645 Subforeman B (G.C. Gas)
1243 Appr. Compressor Mechanic
1245 Corrosion Mechanic
1305 *Appr. Gas Control Mechanic - M&C**
1365 (1366) Measurement & Control Mechanic & (Un.)
1368 Apprentice Measurement & Control Mechanic
1375 Meter/Regulator Mechanic
1376 Senior Meter/Regulator Mechanic
1470 Orifice Meter*person*
1482 *Field Meterperson (GSO)*
1483 Field Meter*person*
1578 *Gas Operator-in-Training*
1579 *Regional Gas Control Operator*
2405 Gas Technician (G.C.)
2410 Gas Control Technician

**Former M&C Mechanics and Appr. M&C Mechanics who, in accordance with LA 91-145, were transferred from DBU to GSO and given option to retain rights to M&C Line of Progression in DBU.*

1470 ORIFICE METER*PERSON*

An employee who operates and performs routine maintenance, to include limited replacement of components, of measurement, regulating and treating equipment in collection, distribution and transmission systems within gas producing areas. Duties include the following:

1. Recording flow, pressure, volume - pressure, and temperature instruments and indicating pressure instruments - install, remove, test and calibrate (flow recorder installation and removal to normally be with assistance). Calculate orifice meter coefficients and orifice sizes. Install and change orifice plates at well sites where shutting in of well is done by others or where orifice fitting type makes shutting in unnecessary.

2. Spring-loaded regulators and those relief valves not over 2 inches in size - make external and internal inspections, repair, replace, adjust set point.

3. On-off controllers, such as liquid level and temperature - adjust set point, inspect, service, make minor repairs.

4. Valve operators - inspect, lubricate, service, change diaphragm, engage and disengage, manually operate.

5. Odorizers - inspect, determine and adjust rate, take odorometer readings. Service and replenish non-station odorizers.

6. Corrosion inhibitor injectors - inspect, service, replenish, adjust rate.

7. Dehydrator stations - inspect, service (minor), replenish glycol and additives, startup and shutdown, adjust rate, replace filter elements, repair (minor) dump valves and pumps. Make dew point and PH determinations.

8. Instrument dehydrators - inspect, service, replenish, replace.

9. Gravitometers and calorimeters - weekly calibration checks, minor servicing. Make specific gravity and BTu determinations.

10. Gas field compressors - routine external inspection (making notification of any unusual conditions observed), add lubricating oil filters (if no shutdown involved), post station log.

11. Records and reports - prepare station records, prepare field reports and records required by specific work assignments.

Note: Qualifications for the Orifice Meter*person* classification shall include passing the Arithmetic Computation Test and the successful completion of the first session of the Apprentice Measurement and Control Mechanic Training School.

Next Lower Classification

0524 Field*person*
0930 *Utility Worker* (Steam Heat or Gas T&D)
0934 *Utility Worker* (Gas Plant Maintenance)
0937 Plant *Utility Worker* (East Bay)
0950 Shift *Utility Worker* (Gas)
1483 Field Meter*person*

Same or Higher Classification

0503 Compressor Engineer
0644 Technical Subforeman A (G.C. Gas)
0645 Technical Subforeman B (G.C. Gas)
1243 Appr. Compressor Mechanic
1245 Corrosion Mechanic
1301 Gas Mechanic (G.C.)
*1305 Appr. Gas Control Mechanic - M&C**
*1306 (1304) Gas Control Mechanic - M&C & (Un.)**
1365 (1366) Measurement & Control Mechanic & (Un.)
1368 Apprentice Measurement & Control Mechanic
1470 Orifice Meter*person*
1578 Gas Operator-in-Training
1579 Regional Gas Control Operator
2405 Gas Technician (G.C.)
2410 Gas Control Technician

**Former M&C Mechanics and Appr. M&C Mechanics who, in accordance with LA 91-145, were transferred from DBU to GSO and given option to retain rights to M&C Line of Progression in DBU.*

1247 LEAD COMPRESSOR MECHANIC
(Rio Vista, Sacramento Division Only)

An employee meeting all of the qualifications of a Compressor Mechanic who, under the supervision of the Gas General Foreman, provides technical, operational or other assistance as directed for other employees within the compressor group. These duties may include, but are not limited to, activities such as preparation of daily work assignments, forecasting, manpower, and materials requirements for overhauls, ordering of materials, and various types of record keeping. The employee will assist in the presentation of various technical training activities and shall have sufficient background to operate and/or provide instruction in the use of an engine analyzer.

Next Lower Classification

1244 Compressor Mechanic

Same or Higher Classification

1247 Lead Compressor Mechanic (Rio Vista, Sacramento Div.)

1244 COMPRESSOR MECHANIC

An employee who installs, operates, tests, adjusts and maintains natural gas compressors and performs routine servicing, calibrating and testing of pneumatic and electrical safety and control devices. Performs overhauls on engines, compressors, and station auxiliary equipment. Is skilled in the use of bench and hand tools and common machine shop tools such as valve facers, drill presses, and grinders. Will also be proficient in the use of precision measurement tools such as micrometers, dial indicators, deflection gauges, and timers. Has a background of training, education and/or experience in natural gas production, transmission and measurement. May be required to work as a leadman directing the work of one other employee.

Next Lower Classification

1243 Appr. Compressor Mechanic (Rio Vista, Sacramento Div.)

Same or Higher Classification

1244 (1248) Compressor Mechanic & (Un.)
1247 Lead Compressor Mechanic

1243 APPRENTICE COMPRESSOR MECHANIC
(Rio Vista, Sacramento Division Only)

An employee who is engaged in performing Compressor Mechanic duties as an assistant to, or under the direction of, a journeyman. In order to gain experience for advancement to Compressor Mechanic, may be required to work alone or under indirect supervision on jobs for which *an employee* has been trained and instructed. Maintains files, records and schedules. May be required to work alone performing the duties of a Field Meter*person* or an Orifice Meter*person.*

Next Lower Classification

0930 *Utility Worker* (Steam Heat or Gas T&D)
0934 *Utility Worker* (Gas Plant Maintenance)
0937 Plant *Utility Worker* (East Bay)
0950 Shift *Utility Worker* (Gas)

Same or Higher Classification

0524 Field*person*
1243 Apprentice Compressor Mechanic
1251 *Appr. Tech. Compressor Mechanic*
1301 Gas Mechanic (G.C.)
1470 Orifice Meter*person*
1482 *Field Meterperson - GSO*
1483 Field Meter*person*

0510 WATCH ENGINEER (To be used on a temporary basis only)

A shift employee who, in plants with more than 4 operation generators, is responsible for the operation of the entire gas plant during his/*her* shift. Must therefore be very familiar with the operation of all equipment and operating procedure.

Next Lower Classification

Same or Higher Classification

1578 Gas Operator-in-Training
1579 Regional Gas Control Operator

Note: See page 17.

1579 REGION GAS CONTROL OPERATOR

A shift employee at a Region Gas Control Center who is reponsible for controlling pressure and maintaining gas flow in the transmission and distribution pipelines located within the scope of the Region Gas Operations. In accordance with established practices, the employee insures safety, security, and continuity of service by monitoring gas supplies, equipment performance, and facility operations. Coordinates station routing changes using both manual and electronic control facilities. Reads, calculates, interprets and posts data, and updates logs as required. Generates reports using computers and software as required. Coordinates routine line clearances and shutdowns and takes appropriate actions during emergency situations. Orders gas production changes as directed by System Gas Control. Coordinates the curtailment of customers as required. Utilizes all communications equipment to include, but not limited to, radio, telephone and teletype activities. May perform the duties of Service Operator to including call-out and/or dispatching of crews, receiving and dispatching customer calls and related clerical work. May be assigned to work with maintenance and operations personnel when not required for shift operations, if qualified.

Next Lower Classification

1578 Gas Operator-in-Training

Same or Higher Classifications

1579 Region Gas Control Operator
1836 Gas Supply Coordinator

Note: It is not the intent to replace the Service Operator classification with a Region Gas Control Operator classification without agreement between the Parties.

Relief Region Gas Control Operator

A shift employee who stands shifts as assigned, relieves other Region Gas Control Operators or Field Meterperson and performs all of the duties of the classification which he/she is relieving. In addition, he/she may be assigned, if qualified, to perform electrical duties in the foreman's office, including the checking of charts and the calculation of volume for all types of measurement. May be assigned to work with maintenance and operation personnel when not required for shift operations, if qualified.

1578 GAS OPERATOR-IN-TRAINING

A shift employee who is engaged in performing a Region Gas Control Operator's work as assistant to and under the direct supervision of a Region Gas Control Operator. The first twelve (12) weeks will consist of a formalized training program that includes on-the-job training (at the headquarters assigned), formalized SCADA and computer training, written exams and performance testing. During this formalized training program he/she will be required to demonstrate the capability to progress to the Region Gas Control Operator position. After successful completion of the twelve week formalized training program, the GOIT will continue his/her on-the-job training and development. Upon completion of six (6) months training, he/she will automatically advance to Region Gas Control Operator. May be assigned to work with maintenance and operations personnel as part of the training program, if qualified.

Next Lower Classifications		*Same or Higher Classifications*	
0503	*Compressor Engineer*	*0644*	*Technical Subforeman A (G.C.)*
1245	*Corrosion Mechanic*	*0645*	*Technical Subforeman B (G.C)*
1305	*Appr. Gas Control Mechanic**	*1306*	*(1304) Gas Control Mechanic - M&C & (Un.)**
1368	*Appr. Measurement & Control Mechanic (30 mo. step.)*	*1365*	*(1366) Measurement & Control Mechanics & (Un.)*
1470	*Orifice Meterperson*	*1577*	*Senior Gas Transmission Operator*
1483	*Field Meterperson*	*1836*	*Gas Supply Coordinator*
1576	*Gas Transmission Operator*	*2405*	*Gas Technician (G.C.)*
1755	*Service Operator*	*2410*	*Gas Control Technician*
1835	*Terminal Operator*	*2415*	*Gas Technician (G.C.)*
2210	*Gas Service Representative*		

**Former M&C Mechanics and Appr. M&C Mechanics who, in accordance with LA 91-145, were transferred from DBU to GSO and given option to retain rights to M&C Line of Progression in DBU.*

Notes:
1. *Must pass A.C.T.*
2. *Employees not able to complete the 12-week training period will be reinstated to their former classification.*
3. *See Gas Operator-In-Training (GOIT) Program Agreement (LA-92-116) on pages 26-34.*

0503 COMPRESSOR ENGINEER

A shift employee in gas plants with compressor room separate from the generator room. Responsible for the operation of stationary gas compressors, booster compressors, pumps, and auxiliary equipment pertaining to the compression of gas. In the smaller plant shall also be qualified to operate all pressure control equipment and perform all of the duties of a Pressure Operator and maintain steam pressure in the boiler when the gas plant is not in operation.

Next Lower Classification		Same or Higher Classification	
0937	Plant *Utility Worker* (East Bay)	0503	Compressor Engineer
0950	Shift *Utility Worker*	0644	Technical Subforeman A (G.C. Gas)
1305	Appr. Gas Control Mechanic*	0645	Technical Subforeman B (G.C. Gas)
1368	Apprentice Measurement and Control Mechanic (30 Month Step)	1245	Corrosion Mechanic
		1301	Gas Mechanic (G.C.)
		1306	*(1304) Gas Control Mechanic - M&C & (Un.)* *
		1365	(1366) Measurement & Control Mechanic & (Un.)
		1578	*Gas Operator-in-Traiing*
		1579	*Regional Gas Control Operator*
		2405	Gas Technician (G.C.)
		2410	Gas Control Technician

**Former M&C Mechanics and Appr. M&C Mechanics who, in accordance with LA 91-145, were transferred from DBU to GSO and given option to retain rights to M&C Line of Progression in DBU.*

Note: See page 17.

0550 FIRE*PERSON*

A shift employee who shall fire boilers, operate feedwater heaters, pumps, and other auxiliary equipment, including exhausters and boosters.

Next Lower Classification		Same or Higher Classification
0937	Plant *Utility Worker* (East Bay)	
0950	Shift *Utility Worker*	

Note: See page 17.

0950 SHIFT *UTILITY WORKER*

A shift employee who performs various types of semi-skilled work such as holder readings and assisting the Fire*person.*

Beginner's Classification.

Note: See page 17.

0937 PLANT *UTILITY WORKER* (East Bay Division Only)

A shift employee who performs the duties of both the Shift *Utility Worker* in the Measurement and Control Group and the *Utility Worker* in the Gas Plant Maintenance Department.

Beginning Classification.

Note 1: The Plant *Utility Worker* shall be considered as either a 0950 Shift *Utility Worker* or a 0934 *Utility Worker* for purposes of Title 205 - "Job Bidding and Promotion" or Title 206 - "Demotion and Lay Off Procedure."

Note 2: See page 17.

THE CORROSION MECHANIC TRAINING PROGRAM*

A. TESTS

1. Before entering the Corrosion Mechanic classification or receiving temporary upgrades to such classification, eligible employees will receive comprehensive formalized training at the Corrosion Mechanic Training School. To insure that all appointees to the School possess the necessary capabilities to progress through the training program, employees shall not be entitled to consideration for appointment to the Corrosion Mechanic Training School unless they have first received passing scores on the following tests:

   a. Arithmetic Computation Test (ACT)

      (1) The Arithmetic Computation Test has been prepared in four forms for test purposes and one additional form for refresher purposes. When a prospective Corrosion Mechanic notifies his/*her* Personnel Department that *an employee* desires to be tested, will be furnished a copy of the refresher test and a copy of the same test with the correct procedures and answers indicated. This will enable *an employee* to determine what review will be necessary to attain a passing score on the formal test.

      (2) Shall be allowed a reasonable length of time for such review, and, on the employee's request, the examination date shall be established by his/*her* Personnel Department.

      (3) The minimum passing grade on this test is 75% (30 correct out of 40 problems). Credit will be given only for those problems that are answered completely correct.

      (4) An employee who has failed, on his/*her* first attempt, to receive at least the minimum passing score on the ACT will be eligible to be retested on such test in the following manner:

      2nd Testing - Three (3) months, or thereafter, following the date of the first testing.

      3rd Testing - Six (6) months, or thereafter, following the date of the second testing.

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*Introduced in Letter Agreement 830, signed 7/5/72. Amended by Letter of Agreement #2182, signed 7/8/77.

4th Testing - Six (6) months, or thereafter, following the date of the third testing provided that *an employee* is able to show satisfactory evidence that he*/she* has prepared himself*/herself* to pass the test.

(5) An employee who fails will be advised when he*/she* will be eligible for retest. When again, eligible, such employee shall request his*/her* Personnel Department to be retested, and his*/her* retest shall be scheduled within 14 days of his*/her* request.

(6) Company will not be required to give further consideration to an employee when he*/she* has failed for the fourth time to meet the ACT requirement.

(7) The above qualification tests may be revised or additional requirements may be established by written agreement between Company and Union. Additional requirements previously established under the provisions of Section 205.11 of the Agreement shall continue to be applicable.

B. CORROSION MECHANIC TRAINING SCHOOL

1. Appointment

Employees who have successfully met the entrance requirements set forth above will be eligible for appointment to the Corrosion Mechanic Training School. Enrollments in the School will be made by Company from among those eligible candidates who are most likely to receive appointment to the next following Corrosion Mechanic vacancy.

In addition to the foregoing, Company will select candidates to attend the Corrosion Mechanic Training School on the basis of ability and personal qualifications in accordance with the principles outlined in Section 205.11 of the Agreement.

Training materials consisting of a Corrosion Control Manual and a text "Basic Mathematics," will be issued to each trainee prior to attending class. Each trainee will be required to complete the nine problems in the training material before the first day of attendance at the classroom.

2. Training

The purpose of the School is to provide training in the duties performed by Corrosion Mechanics. Thus, to determine that the prospective Corrosion Mechanic will be qualified to advance into the classification of Corrosion

Mechanic, the candidate must complete the Corrosion Mechanic Training School and receive a passing grade as outlined in Paragraph B.3.

3. Requirements for Completion of Training School

Upon completion of the training program, a final examination will be given covering the training the appointee received while attending the School.

A test score of 70% or more will constitute successful completion of the School.

An appointee to the School who attains a final score of less than 70% shall, upon request, be re-examined at the School. Such re-examination will be scheduled as soon as possible following three months after the initial failure, but at Company's convenience. An employee will be allowed one such examination.

An employee who has not successfully completed the School need not be given consideration for reattendance at the Corrosion Mechanic School.

4. Administration

If a dispute should arise concerning an employee's appointment to the School, or failure to successfully complete the program or eligibility to be retested, such dispute may be referred to the Local Investigating Committee as provided for in Section 102.8, provided that the time limits referred to in Section 102.6 are observed.

C. APPOINTMENTS TO VACANCIES OR TEMPORARY UPGRADES

1. In addition to the requirements referred to above, Company will make appointments to vacancies or temporary upgrades in accordance with the principles outlined in Section 205.11 of the Agreement.

2. An employee who was formerly classified as a Corrosion Mechanic or was in a classification higher thereto in the Lines of Progression of the Gas Measurement and Control Group and who was demoted therefor for any reason other than incompetency will not be required to satisfy the entrance requirements or attend the School in order to be reappointed to his/*her* former classification.

3. An employee who has attempted but failed to pass the test as covered in Paragraph A above or who attended but failed to complete the Corrosion Mechanic Training School will not be considered for appointments, under the provision of Title 205 of the Agreement, to vacancies in the Corrosion Mechanic classification.

4. If an employee who has not been given the test mentioned in Paragraph A is the probable successful bidder on a Corrosion Mechanic vacancy, shall be given such test before the job is awarded.

5. If the successful bidder to fill a vacancy in the Corrosion Mechanic classification is an employee who has passed the test mentioned in Paragraph A, but who has not had the opportunity to attend the Corrosion Mechanic Training School, the award shall be held pending until such employee has had such opportunity.

6. If a dispute should arise concerning Company's application of Section 205.11 of the Agreement in making an appointment to a vacancy or upgrade in the subject classification, it may be referred by Union to the Local Investigating Committee, and the provisions contained in Section 102.8 of the Agreement will be applicable. Such referral shall be made as soon as practicable after an employee has been notified in writing of his/*her* disqualification, but in no event later than the time provided for in Section 102.6.

D. DATE EFFECTIVE

The provisions of this Agreement shall be effective June 25, 1972 or such earlier date as Company and Union agree to.

SCHEDULE AND HOURS OF WORK - OAKLAND GAS HOLDER STATION

Letter of Agreement *(79-35-PGE)* written April 13, 1979, and signed May 14, 1979, applies to East Bay Division 1724 Pressure Operators, 0510 Watch Engineers, 0503 Compressor Engineers, 0550 Firemen, 0950 Shift *Utility Workers* and 0937 Plant *Utility Workers.*

As the result of the Oakland Gas Holder Station being placed on a standby status, certain changes in shift schedules, work assignments, and job classification are required. The new operating conditions will no longer require temporary Watch Engineers and Firemen to supplant the normal manpower complement during winter operations. The reduction of regular Watch Engineer positions is being accomplished by normal attrition and the resulting vacancies have been reclassified. The remaining Relief Watch Engineer classification will be reclassified to a Relief Pressure Operator upon the retirement of the incumbent.

The Relief employee at Oakland will provide normal relief in addition to 21st shift relief for the Pressure Operator classification at that facility. Additionally, in an effort to provide for a better utilization of manpower, a newly established Relief Compressor Engineer position at the Point Richmond facility will provide normal relief assignments at that station.

The following shows the proposed organization at each station:

Classification	Oakland	Richmond	50th Avenue
Relief Pressure Operator (Upon retirement of incumbent Watch Engineer)	1	0	0
Pressure Operator	4	0	0
Relief Compressor Engineer	0	1	0
Compressor Engineer	1	2	1

It is proposed that the vacation practice established by the April 27, 1967, letter agreement will continue, i.e, shift employees' vacations will be scheduled during the summer season, which runs from approximately April 15th to October 15. These specific dates may vary from year-to-year depending upon weather, but will correspond to a break in the workweek. In order to permit all shift personnel at the Oakland and 50th Avenue facilities to schedule their vacations during the summer season, Compressor Engineers will be upgraded and rescheduled to provide vacation relief for Pressure Operators. Normally, vacation relief will not be needed for Compressor Engineers with the exception of insuring that one shift per day must be manned at Richmond.

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LA - 88-34-PGE

March 23, 1988

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:

Pursuant to Section 202.16 of the Physical Agreement, Company proposes to establish a 12-hour rotation shift schedule for Pressure Operators at the East Bay Region Gas Load Center in Oakland for a test period of one year, beginning within one month after this agreement is signed. This agreement shall comply with the generic 12-hour shift agreement (Letter Agreement R2-86-89-PGE) except as follows:

SHIFT SCHEDULES

Exhibit 1 outlines 12-hour six-week cycle rotating schedule for Oakland Gas Load Center. Relief employees will be used within the 12-hour shift schedule.

WAGE

Exhibit 2 describes the wage schedule for Pressure Operators and Relief Pressure Operators at the Oakland Gas Load Center. The pay conversion factor for this schedule is .9677419 based on a six-week pay cycle of 240 total hours.

Eight hours of overtime in a 48-hour week will be considered code "X" overtime, and will be paid at time-and-one-half the adjusted hourly rate. The adjusted hour rate is determined by multiplying the conversion factor times the current hourly rate.

All hours worked exceeding 36 hours in a 36-hour week and 48 hours in a 48-hour week will be considered code "1" overtime and will be paid at time-and-one-half the wage rate listed in Exhibit X of the Agreement.

SCHOOLS

Employees attending 40-hour schools will receive their normally scheduled workweek pay, either 36, or 48 hours.

RELIEF

Relief Operators will be placed on the 12-hour schedule as indicated in Exhibit 1. They shall continue to function as Reliefs as outlined in the Relief Agreements and the changes outlined in Letter Agreement R2-86-69-PGE.

HOLIDAYS

At the time this agreement is implemented, the employees will determine by vote the fixed holidays remaining, consistent with the number of holiday hours remaining. Remaining hours will be carried over to the next year, consistent with Letter Agreement R2-86-89-PGE.

OTHER

This schedule shall remain in effect for one year unless either party gives the other 30 day's notice of cancellation. Before the end of the test period, Company and Union shall meet to determine whether to make the 12-hour schedule permanent, including whatever changes the parties may agree to as a result of the test.

This proposal has been discussed with the employees involved and Frank Saxsenmeier, Union Business Representative.

If you are in accord wtih 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

By /s/ Richard B. Bradford
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

April 5, 1988 By /s/ Jack McNally
Business Manager

Exhibit 1

OAKLAND GAS LOAD CENTER TWELVE HOUR SHIFT SCHEDULE

1. Day shifts (0600 to 1800) and Night shifts (1800 to 0600)
2. Rotating shifts
3. Sunday through Saturday Schedule
4. Six week cycle
5. Four 36 and two 48 hour work weeks

SCHEDULE

	S	M	T	W	T	F	S	HOURS
Week 1	N	X	X	D	D	D	X	48
Week 2	X	N	N	N	X	X	D	48
Week 3	D	D	D	X	X	X	X	36
Week 4	X	X	X	X	N	N	N	36
Week 5	N	X	X	X	D	D	X	36
Week 6	X	X	X	X	N	N	N	36
						TOTAL HOURS:		240

RELIEF SCHEDULES

Relief Pressure Operator's normal schedule will be all 12 hour days. Relief Pressure Operators will work four Wednesdays during the six week schedule.

OAKLAND GAS LOAD CENTER TWELVE HOUR SHIFT WAGE SCHEDULE

Existing Schedule and Wages:

Week	Hrs. Wkd.	S/T Pay Eqv.
1	40	40
2	40	40
3	40	40
4	40	40
5	40	40
6	40	40

Total hrs. in S/T pay: 240

Twelve Hour Schedule and Wages:

Week	Hrs. Wkd.	S/T Pay Eqv.	
1	48	52	(40 + 8 @ 1.5)
2	48	52	
3	36	36	
4	36	36	
5	36	36	
6	36	36	

Total hrs. in S/T pay: 248

The adjusted hourly rate is determined by dividing 240, the number of compensable hours in a current 6 week cycle, by 248, the number of hours of compensation in the new schedule, multiplied by the current hourly rate.

Pressure Operator weekly rate from Exhibit X: $747.35
Pressure Operator hourly rate: $747.35/40 = $18.6838
240 / 248 = .9677419 (Conversion factor)
.9677419 x $18.6838 = $18.081 (12 hr. shift hourly rate)

Therefore, pay is determined by multiplying all scheduled work hours, including time and one-half (overtime) for hours exceeding 40 in the 48 hour week, by the 12 hour shift hourly rate:

240 x $18.6838 = $4484.10
248 x $18.081 = $4484.10

Therefore, the Oakland Gas Load Center Wage Schedule is as follows:

CODE	CLASS	PROG	40 HR REFER RATE	12 HR SHIFT RATE	36 HR WEEK PAY	48 HR WEEK PAY	6 WK CYCLE PAY [(4 x 36) + (2 x 48)]
1724	Press. Op.	Strt	699.10	676.55	608.90	879.52	4298.44
		6 mo.	728.90	705.39	634.85	917.01	4373.42
		1 yr.	747.35	723.24	650.92	940.21	4484.10

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LA - 89-74-PGE

April 7, 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:

Pursuant to Section 202.16 of the Physical Agreement, Company proposes to make permanent a 12-hour rotating shift schedule for Pressure Operators at the East Bay Region Gas Load Center in Oakland. The current one year test expires in April. This agreement shall comply with the generic 12 hour shift agreement (Letter Agreement R2-86-89-PGE) except as follows:

SHIFT SCHEDULE

Exhibit 1 outlines the 12 hour six week cycle rotating schedule for Oakland Gas Load Center. Relief employees will be used within the 12 hour shift schedule.

WAGES

Exhibit 2 describes the wage schedule for Pressure Operators and Relief Pressure Operators at the Oakland Gas Load Center. The pay conversion factor for this schedule is .9677419 based on a six week pay cycle of 240 total hours.

Eight hours of overtime in a 48 hour week will be considered code "X" overtime, and will be paid at time and one-half of the adjusted hourly conversion factor times the current hourly rate.

All hours worked exceeding 36 hours in a 36 hour week and 48 hours in a 48 hour week will be considered code "1" overtime and will be paid at time and one-half of the wage rate listed in Exhibit X of the Agreement.

SCHOOLS

Employees attending 40-hour schools will receive their normally scheduled workweek pay, either 36, or 48 hours.

RELIEF

Relief Operators will be placed on the twelve hour schedule as indicated in Exhibit 1. They shall continue to function as Reliefs as outlined in the Relief Agreements and the changes outlined in Letter Agreement R2-86-89-PGE.

HOLIDAYS

At the time this agreement is implemented, the employees will determine by vote the fixed holidays remaining, consistent with the number of holiday hours remaining. Remaining hours will be carried over to the next year, consistent with Letter Agreement 86-89-PGE. Each successive year the employees shall vote by December 15 to determine the fixed holidays for the coming year.

OTHER

This schedule shall remain in effect unless either party gives the other 30 days notice of cancellation. Local Company and Union representatives shall meet as needed, and at least once each to discuss the status of the 12-hour shifts and any problems or changes which may be required.

This proposal has been discussed with the employees involved and Frank Saxsenmeier, Union Business Representative.

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 and attachments to the Company.

Yours very truly,

PACIFIC GAS AND ELECTRIC COMPANY

By /s/ Richard B. Bradford
Manager of Industrial Relations

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

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

April 24, , 1989

By /s/ Jack McNally
Business Manager

OAKLAND GAS LOAD CENTER TWELVE HOUR SHIFT SCHEDULE

1. Day shifts (0600 to 1800) and Night shifts (1800 to 0600)
2. Rotating shifts
3. Sunday through Saturday Schedule
4. Six week cycle
5. Four 36 and two 48 hour work weeks

SCHEDULE

	S	M	T	W	T	F	S	HOURS
Week 1	N	X	X	D	D	D	X	48
Week 2	X	N	N	N	X	X	D	48
Week 3	D	D	D	X	X	X	X	36
Week 4	X	X	X	X	N	N	N	36
Week 5	N	X	X	X	D	D	X	36
Week 6	X	X	X	X	N	N	N	36
						TOTAL HOURS:		240

RELIEF SCHEDULES

Relief Pressure Operator's normal schedule will be all 12 hour days. Relief Pressure Operators will work four Wednesdays during the six week schedule.

OAKLAND GAS LOAD CENTER TWELVE HOUR SHIFT WAGE SCHEDULE

Existing Schedule and Wages:

Week	Hrs. Wkd.	S/T Pay Eqv.
1	40	40
2	40	40
3	40	40
4	40	40
5	40	40
6	40	40

Total hrs. in S/T pay: 240

Twelve Hour Schedule and Wages:

Week	Hrs. Wkd.	S/T Pay Eqv.	
1	48	52	(40 + 8 @ 1.5)
2	48	52	
3	36	36	
4	36	36	
5	36	36	
6	36	36	

Total hrs. in S/T pay: 248

The adjusted hourly rate is determined by dividing 240, the number of compensable hours in a current 6 week cycle, by 248, the number of hours of compensation in the new schedule, multiplied by the current hourly rate.

Pressure Operator weekly rate from Exhibit X: $767.90
Pressure Operator hourly rate: $767.90/40 = $19.1975
240 / 248 = .9677419 (Conversion factor)
.9677419 x $19.1975 = $18.5782 (12 hr. shift hourly rate)

Therefore, pay is determined by multiplying all scheduled work hours, including time and one-half (overtime) for hours exceeding 40 in the 48 hour week, by the 12 hour shift hourly rate:

240 x $19.1975 = $4607.40
248 x $18.5782 = $4607.40

Therefore, the Oakland Gas Load Center Wage Schedule is as follows:

CODE	CLASS	PROG	40 HR REFER RATE	12 HR SHIFT RATE
1724	Press. Op.	Strt	718.35	695.18
		6 mo.	748.95	724.79
		1 yr.	767.90	743.13

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LA 92-116-PGE

August 10, 1992

Local Union 1245
International Brotherhood of
Electrical Workers, AFL-CIO
P.O. Box 4790
Walnut Creek, CA 94596

Attention: Mr. Jack McNally, Business Manager

Gentlemen:

The parties agreed, at the last General Negotiations, to establish a new training position "Gas Operator in Training" (GOIT), classification number 1578 effective January 1, 1991. Preliminary Training Outline was agreed upon and the Company was to develop specific training materials at a later date.

The Company has completed the development of the Region Gas Control Operator Program and submitted a draft to the union for their review at the May 8, 1992, Joint Apprenticeship Committee Meeting. The Program Materials consists of:

1. OPERATOR MANUAL - a guide and record to facilitate the GOIT's progress through the on-the-job training program. The manual also includes instructions and information necessary to complete the program that may not be found elsewhere.

2. ADMINISTRATOR'S GUIDE - a guide for the Gas Control Center Supervisor to administer the program in a uniform manner. Also included in the Guide are the exams/tests and answer sheets. We have attached copies of the customized exams for each Region.

3. GAS OPERATOR IN TRAINING AGREEMENT - (Attached)

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

Yours very truly

PACIFIC GAS AND ELECTRIC COMPANY

By /s/ R. L. Bailey
Manager - 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

Sept. 18, 1992

By /s/ Jack McNally
Business Manager

GAS OPERATOR IN TRAINING (GOIT) PROGRAM AGREEMENT

A. Placement and Training in Gas Operator in Training Classification

A shift employee who is engaged in performing a Region Gas Control Operator's work as assistant to and under the direct supervision of a Region Gas Control Operator. The first twelve (12) weeks will consist of a formalized training program that includes on-the-job training (at the headquarters assigned), formalized SCADA and computer training, written exams and performance testing, (see attachments 1&2). During this formalized training program he/she will be required to demonstrate the capability to progress to the Region Gas Control Operator position. After successful completion of the twelve week formalized training program, the GOIT will continue his/her on-the-job training and development. Upon completion of six (6) months training, he/she will automatically advance to Region Gas Control Operator. May be assigned to work with maintenance and operations personnel as part of the training program, if qualified.

B. Testing of Employees in the G.O.I.T. Program

1. Must pass A.C.T.

2. Written Exams - eight (8)

   (a) All eight (8) exams, except the Final Exam, are open book.
   (b) Each exam will require a score of 70% or more to pass.
   (c) A maximum of one (1) retest per exam is allowed within five (5) working days of the failure.

3. Performance Test - three (3)

   (a) Performance must meet criteria established in Training Objective for each Module.
   (b) Pass or Fail.
   (c) A maximum of one (1) retest per performance test is allowed within five (5) working days of the failure.

4. Final Exam

   (a) The GOIT's Training record must be complete.
   (b) All exams and tests must be successfully passed.
   (c) Exam is closed book and made up mostly of true or false and multiple choice questions.
   (d) A test score of 70% or more will constitute successful completion of twelve (12) week formalized training period.
   (e) A maximum of one (1) retest is allowed within five (5) working days of the failure.

5. Scoring of Exams

(a) Multiple choice and true or false questions are worth two points each.
(b) Essay type questions are worth two to thirty two points each.
(c) Partial credit is possible for essay questions.

6. Customized Exams

Since the majority of training is on-the-job and activities as well as the gas system are not uniform, portions of the Manual and some questions on the exams/tests are customized in order to be valid in that particular Region Gas Control Center. The content of the "customized" question and/or answer remains the same. Attachment #3 indicates which section, page and/or question is customized in each Region. The actual exams are labeled Attachment #4.

7. Options

(a) GOIT will notify RGCC Supervisor in writing when he/she is ready for each test/exam and retest.

(b) If at anytime during the "Training Period" (the first twelve weeks), a GOIT wishes to return to his/her former classification, a written request must be submitted to the RGCC supervisor. Upon receipt of the written request, the trainee will be removed from the GOIT classification and placed in their former classification.

(c) Employees not able to successfully complete the twelve week training period will be reinstated to their former classification.

(d) An employee who has not successfully completed the GOIT Twelve Week Training Program will not be given consideration for the Training Program again unless all of the following apply:

1. An opening for GOIT exists.
2. He/she is the successful bidder.
3. Six months has elapsed since the failure.
4. Has not failed the program twice.

In addition, he/she must provide acceptable evidence that he/she has remedied the deficiencies which caused his/her failure.

C. General

1. The intent of the Gas Control Operator Training program is to allow each employee the full amount of time provided, (twelve weeks), in order to qualify both academically and through actual work experience. It is mandatory that each employee be given the fullest opportunity under the Program to succeed.

2. Journeyman Operators have the responsibility to direct and train new operators assigned to work with them. Guidelines and tests for each training period have been established to insure the orderly progression of the GOIT through his/her training.

REGION GAS CONTROL OPERATOR TRAINING PROGRAM

Program Schedule

PROGRAM SCHEDULE

The first 12 weeks of the training period will occur primarily during day shift (07:00-16:00 Monday-Friday). The schedule/sequence of training below should be kept flexible to accomodate unique training needs and opportunities.

Phase I Weeks 1 - 3	• Orientation/Observation of overall operation of Region Gas Control Center • Complete Moduel 1:1 - System Knowledge, including Exam • Study Ratio Operating Manual to get license • Start tours in division stations within Region to augment Module 1:1 • Begin Module 1:2 - SCADA Operation with limited OJT • Begin Module 1:3 - Communication Equipment with limited OJT • Completete Module 1:4 - Gas Control Vocabulary, including Exam • Complete PSEA G-1 Course: Elementary Natural Gas (prior to end of Phase III) • Complete abbreviated PSEA G-16 Course: Fundamental Gas Pressure Regulation (optional)
Phase II Weeks 4 - 6	• Continue with SCADA Operation an Communication Equipment with more advanced OJT • Complete all modules in Unit 2 - Control and Operation of Gas Facilities, including Exam • Begin modules in Unit 3 - Data Gathering and Reporting • Complete SCADA Operations Exams and Communication Equipment Exam
Phase III Weeks 7 - 9	• Ongoing training in Units 2-3, with special emphasis on Therm Billing training • AMR training (when available) • M&C Tour/abbreviated M&C school (optional) • Gas Control Tour • Computer training schools (DOS) • Complete tours of Pipeline Operations Facilities and divisions • Ongoing participation in handling emergencies
Phase IV Weeks 10 - 12	• Complete Unit 4 - Customer/Company Contact • Complete Unit 5 - Other Training Activities • Perform job under close supervision on different shift work • Complete any remedial training needed • Complete Final Exam

Forms for tracking the GOIT's progress through training activities and completion of Exams are provided on the following pages:

REGION GAS CONTROL OPERATOR TRAINING

OPERATOR IN TRAINING _____

Test Record	Date Completed	Score	Supervisor Sign-Off
PG&E Radio Operator Exam			
PSEA Course G-1			
System Knowledge Exam*			
SCADA Operation Exam*			
Communication Equipment Exam*			
Gas Control Vocabulary Exam*			
Control of Pipeline Pressures Exam*			
Curtailment Procedures Exam*			
Gas Quality Measurement Exam*			
Emergency Procedures/Communication Exam*			
Clearance and Shutdown Produres Exam*			
Final Exam**			
Work Minimum of Two-12-Hour Day Shifts with Operator			
Work Minimum of Two-12-Hour Night Shifts with Operator			

* The Region Gas Control Supervisor will provide these exams to the GOIT upon request as scheduled for completion of each module. Each of these written exams must be customized by Region. These exams are open book and may be taken twice in order to achieve a score of at least 70% correct. Performance Exams may be taken twice and are Pass/Fail.

** The Final Exam is closed book and will be Pass/Fail with one retake allowed.

REGION GAS OPERATOR IN TRAINING PROGRAM
CUSTOMIZING SUMMARY BY REGION

	Page	Customize	REGION					
			EBR	GGR	MTR	RR	SVR	SJVR
MANUAL								
	20-23a	ALL		x				
	30	ALL	x	x	x	x		x
	31	ALL	x	no page	x	x		x
	32	ALL	x	x	x	x		x
	63	ALL	x	x	x	x	x	x
	64	ALL	x	x	x	x	x	x
TESTS								
	SK-2	ALL	x	x				
	SK-2a	ALL	x	x				
	SK-3	# 3	x	x	x	x	x	
		# 4	x	x	x	x	x	
	SK-AS	#2 (a-j)		x				
		# 3	x	x	x	x	x	
		# 4	x	x	x	x	x	
	CE-1	# 2			no question	x	no question	
		# 3				x		
		# 4	x	x	x	x	x	
	CE-AS	# 1	x	x	x	x	x	
		# 2	x	x	no question	x	no question	
		# 4	x	x	x	x	x	
	CPP-1	# 1	x	x	x	x	x	
		# 2	x	x	x	x	x	
		# 3	x	x	x	x	x	
		# 4	x	x	x	x	x	
		# 5	x	x	x	x	x	
		# 6	no question	x	x	x	x	
		# 7	x	x	x	x	x	
		# 8	x	x	x	x	x	
	CPP-AS	# 8	x	x	x	x	x	

Continued...

Continuation....

	Page	Customize	REGION					
			EBR	GGR	MTR	RR	SVR	SJVR
TESTS	EPC-1	Question	x	x	x	x	x	
		# 1	x	x	x	x	x	
		# 3	x	x	x	x	x	
		# 4	x	x	x	x	x	
		# 5	x	x	x	x	x	
		# 6				x		
	EPC-2	# 8				x		
		# 9	x	x	x	x	x	
		# 12	x	x	x	x	x	
	EPC-AS	# 3				x	x	
		# 4				x	x	
		# 5	x	x	x	x	x	
		# 6	x	x	x	x	x	
		# 7	x	x	x	x	x	
		# 8	x	x	x	x	x	
		# 9	x	x	x	x	x	
		# 12		x				
	FE-4	# 17	x	x	x	x	x	
	FE-6	# 25	x	x	x	x	x	
	FE-AS	# 17	x	x	x	x	x	
			EBR	GGR	MTR	RR	SVR	SJVR