

Consumers Power Company
Report #24, December 29, 1978

Pursuant to the conditions 2 F.B. and 2 F.C. of Construction Permits CPPR-81 and CPPR-82, the following report covers the period January 1 - March 31, 1979.

A. Construction work to be performed during the period:

1. Complete Unit 1 electrical penetration.
2. Complete walls and slabs for the solid radwaste addition.
3. Complete installation of electrical distribution equipment in the auxiliary building.
4. Complete installation of cable tray in the auxiliary building.
5. Complete miscellaneous steel to elevation 685' in reactor building 1.
6. Complete installation of fuel pool liner in reactor building 1.
7. Complete installation of exposed conduit in the turbine building 2.
8. Complete installation of switchgear room blockwork in the turbine building 2.
9. Complete installation and setting of pumps and tanks in the turbine building 2.
10. Complete HVAC in the permanent elevator in the administration building.
11. Continue coating and finishwork in the auxiliary building.
12. Continue installation of blockwork and shielding in the auxiliary building.
13. Continue installation of miscellaneous panels in the auxiliary building.
14. Continue installation of HVAC duct work and equipment in the auxiliary building.
15. Continue installation of exposed conduit in the auxiliary building.
16. Continue installation of primary LP reactor coolant piping in the reactor building 2.
17. Continue installation of HVAC equipment and duct work in turbine building 1 and 2.
18. Continue installation of cable tray in turbine building 2.
19. Continue installation of main steam flued heads in reactor building 1.
20. Continue installation of instrumentation in turbine building 1.
21. Continue installation of piping in the administration building.
22. Continue installation of electrical in the evaporator building.
23. Start setting of equipment at elevation 659 and above in the auxiliary building.
24. Start installation of tendons and tensions horizontally above construction opening and dome in reactor building 1.
25. Start installation of in-core and in-line instrumentation in reactor building.

790110 0165

- B. Supervisors and engineers of the applicant and architect-engineer who are expected to be on site during the period January 1 - March 31, 1979:

1. Consumers Power Company

No change

2. Bechtel Power Corporation

J. E. Russell	- Assistant Project Field Quality Control Engineer
B. T. Foote	- Documentation Control
J. M. Reigelsperger	- Documentation Control
L. H. Bell	- Documentation Review
M. A. Guliano	- Quality Control Engineer - Mech./Piping
K. N. Weyant	- Quality Control Engineer - Mech./Piping
K. E. Kempka	- Quality Control Engineer - Mech./Piping
M. J. Guhitose	- Quality Control Engineer - Mech./Piping
C. C. Lussier	- Quality Control Engineer - Civil
J. C. Braun	- Quality Control Engineer - Welding
L. A. Harrison	- Quality Control Engineer - Welding
R. L. Gibbons	- Quality Control Engineer - Electrical
M. F. Slocumb	- Quality Control Engineer - Electrical
C. L. Spinks	- Quality Control Engineer - Electrical
L. D. Tilson	- Quality Control Engineer - Electrical
M. J. Moore	- Quality Control Engineer - Receiving
C. Baryla	- Quality Assurance Clerk

3. B&W Construction Company

R. Brown - QC Inspector

- C. Quality assurance qualifications of supervisors and engineers with site-related duties are attached to this report.

D. Changes

1. Consumers Power Company

R. L. Thomas was incorrectly listed as IE&TV NDE Supervisor in the last report.

2. Bechtel Power Corporation

Personnel who were previously reported as performing quality tasks and who are no longer acting in that capacity, are as follows:

W. Pardee	- Quality Control Engineer - Welding
R. Matthys	- Quality Control Engineer - Welding
T. Christofferson	- Quality Control Engineer - Receiving

Further additions and deletions to the list of personnel with quality-related duties will be listed in the next report.

BECHTEL POWER CORPORATION - PERSONAL RESUME

NAME JOHN E. RUSSELL DATE January 1978

CLASSIFICATION Senior QC Engineer

ORGANIZATION & LOCATION SFPD

San Francisco, CA

BIRTH DATE 7/22/32 CITIZENSHIP U.S.A.

ORIGINAL BECHTEL EMPLOYMENT DATE 4/15/74

RE-EMPLOYMENT DATE(S) --

NAME OF SPOUSE Janis (Jan)

CHILDREN'S BIRTH DATES 12/31/55, 11/21/59, 7/19/64

PHOTO DATE 7/17/75

MILITARY SERVICE & RANK US Navy, 2 yrs. SWS-3

PROFESSIONAL LICENSES AND SOCIETIES

Registered Professional Quality Engineer, California
Member, American Society for Quality Control

EDUCATION AND PERSONNEL DEVELOPMENT PROGRAMS

DEGREE, CERTIFICATE, ETC.	SCHOOL	MAJOR (OR SUBJECT)	DATE
Certificate	Navy Steelworker School	General Construction	1953
Certificate	Robert E. Lee Jr College	Business Administration	1956
Certificate	Harris Co Vocational School	Machine Shop Tools	1957
Certificate	Boilermakers Union	Labor Relations	1958
Certificate	Jackson County Jr College	Supervisory Education	1969
Certificate	Jackson County Jr College	Planning & Scheduling	1972
Certificate	Jackson County Jr College	Human Relations	1973
Certificate	University of Pennsylvania	Nuclear & Process Piping ASME Boiler and Pressure Vessel Code	1975

OTHER SIGNIFICANT INFORMATION

PERSONAL & FAMILY:

My health is excellent, my wife has slight respiratory problems, my 15 year old stepson is asthmatic. Family life is very stable and is adaptable to any assignment.

OUTSIDE ACTIVITIES:

1966 - 1969 Jackson Junior College Vocational/Technical Advisory Board.

SPECIAL INTEREST:

Constant review of new QC techniques and applications for overall program improvement. Woodworking and fishing.

GEOGRAPHIC PREFERENCE:

United States (Northwest, South, Southwest, Southeast, Midwest), Europe, Central America, South America, Far East.

ASPIRATIONS:

To increase my knowledge of overall Bechtel construction methods and techniques, to qualify for position of QC projects supervisor SFHQ or QC regional supervisor.

WORK HISTORY

DATES FROM TO	COMPANY, DIVISION, OR DEPARTMENT: LOCATION AND SUPERIOR	POSITION HELD, SUMMARY OF RESPONSIBILITIES, AND SIGNIFICANT ACCOMPLISHMENTS
2/50 2/52	Todd Shipyard Houston, TX	Boilermaker apprentice: boiler repair welding, burning, riveting, chipping and grinding.
8/52 6/54	U.S. Navy Atsugi, Japan Cdr McGowan	Construction inspector: certify all phases of construction for new facilities being built on a naval air station.
6/54 6/55	Todd Shipyard Houston, TX B.E. McGinty	Boilermaker hull inspector: weld inspection, rivet testing, and tank testing.
7/55 2/57	Camco Gaslift, Inc Houston, TX	Machine shop inspector: receipt inspect incoming materials, patrol inspection of in-process machined parts; final acceptance of parts and assemblies.

WORK HISTORY

DATES FROM TO		COMPANY, DIVISION, OR DEPARTMENT: LOCATION AND SUPERIOR	POSITION HELD, SUMMARY OF RESPONSIBILITIES, AND SIGNIFICANT ACCOMPLISHMENTS
3/57	7/57	Taylor Forge & Pipe Works Houston, TX	Chief tool room attendant and repairman: maintained issue control for tools, developed and maintained adequate stock of repair parts for tools.
7/57	2/60	Boilermakers Local 469 Houston, TX B.M. Lee	Assistant business manager and financial corresponding secretary: received griev- ances and attempted to correct by meeting with company labor relations representa- tives, represented local union in arbi- tration cases, helped prepare and nego- tiate new labor contract, responsible for all books, ledgers, and finances of the local.
2/60	2/61	Ingalls Shipbuilding Co Pascagoula, MS J. Milandin	Inspector: responsible for certification of machinery installations with drawings and specifications for nuclear submarine construction. Qualified liquid penetrant inspector and magnetic particle inspec- tor.
2/61	5/61	Ingalls Shipbuilding Co Pascagoula, MS J. Milandin	Assistant inspection supervisor: respon- sible for coordination of all second shift activities.
5/61	2/62	Ingalls Shipbuilding Co Pascagoula, MS J. Milandin	Inspection supervisor: responsible for the supervision and direction of inspec- tion activities on naval nuclear con- tracts.
2/62	1/70	Ingalls Shipbuilding Co Pascagoula, MS J. Milandin	Manager: responsible for the supervision and direction of inspection of reactor plant systems. Developed and implemented an initial 120 hour training program for new inspectors. Established a formal re- freshers training program, a formal quali- fication board by discipline for certifi- cation of inspectors, a cross-discipline training program for full utilization of manpower to production demands and a qual- ity control documentation system.
1/70	4/74	Ingalls Shipbuilding Co Pascagoula, MS J. Milandin	Manager: responsible for overall super- vision of naval nuclear construction and overhaul inspection and certification.

WORK HISTORY

DATES		COMPANY, DIVISION, OR DEPARTMENT: LOCATION AND SUPERIOR	POSITION HELD, SUMMARY OF RESPONSIBILITIES, AND SIGNIFICANT ACCOMPLISHMENTS
FROM	TO		
4/74	1/76	BPC, SFPD Hancocks Bridge, NJ	Senior QC engineer: responsible for overall administration of the Bechtel Quality Control program for Hope Creek project.
1/76	8/76	BPC, SFPD San Francisco, CA D.R. Johnson	Senior QC engineer: assigned as project QC supervisor responsible for coordinating quality control activities with engineering, project management, construction, procurement, and quality assurance personnel, and provide technical support and monitor the performance of the project field quality control engineer for the Susquehanna project.
8/76	Present	BPC, SFPD San Francisco, CA D.R. Johnson	Senior QC engineer: assigned as project QC supervisor for the Midland project with duties as listed above.

Baden T. Foote
Employee No. 481475

Education: High School Graduate
4 year evening classes (Civil, Engineering Survey) did not graduate.

Work History: 4 years Civil (Engineering)
6 years Administration Assistant (Engineering)
4 years Doc. Co-ord (Quality Control)
1 year civil engineering (Quality Control)

Total of 15 years at Bechtel Corporation

WORK HISTORY SUMMARY
(A-LAB RESUME)

DATE: December 15, 1978

NAME: Reigelsperger, June M.
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. _____

EDUCATION:

Lima Senior High School, Lima, Ohio graduated 1969

Northwestern Business College, Lima, Ohio Completed one year

Executive Secretarial Course
9-69 to 9-70

WORK HISTORY:

Bechtel Power Corporation, Pottstown, Penn. Secretary to Project
Field Quality Control Engineer. Varied secretarial duties, some
technical work with PQCI, certifications, personnel confidential
work. 5-77 to 6-78 (worked three months for Manpower at Bechtel
in QC Welding)

Wright-Schuchart-Harbor, Richland, Washington Secretary to Project
manager. Varied secretarial duties, typed purchase orders,
QC and QA procedures, confidential personnel duties 3-76 to 10-73

Manpower Inc., New London, Conn. Work 11 months at Pfizer Inc. in
Groton, Conn. Work in quality control department of diagnostic 1-73 to
products. Detailed typing of QC procedures and lab procedures. 11-73

Bechtel Inc. (at Lima, Ohio) Secretary to procurement department head. Handled
all department functions, dealing with purchase orders, bids etc.
as far as secretarial duties Oct. 1971 - July 1972

Gooding, Evans & Huffman, Attorneys at Law, Lima, Ohio receptionist
duties and secretarial duties. Worked with estates, wills, deeds,
many varied duties and confidential work. 10-70 to 4-71

RESUME

NAME: LEONARD H. (Len) BELL

PERSONAL DATA:

Address: 706 E. Kent, Streator, IL
Telephone: (815) 357-6761 Ext. 573
Birthdate: 05/12/47 - Parkersburg, W. Va.
Marital Status: Single
Dependents: None

EDUCATION:

Sept. 1961 Warren High School
to Vincent, Ohio
May, 1965 Course - College Prep.

Sept. 1965 Ohio Valley College
to Vienna, W. Va.
Jan. 1967 Course - Liberal Arts

Feb. 1967 Ohio Technical College
to Columbus, Ohio
June, 1967 Course - Electrical Engineering Technology

June. 1976 Sperry School
Columbus, Ohio

MILITARY:

Aug. 1967 U. S. Air Force
to Rank - E.4
Feb. 1974 Discharge - Honorable

Duties: Airborne Early Warning Control Radar Rpm. One aircraft repair of radar equipment. Ec.121 Aircraft.

Electronic Warfare Technician. Repair/Maint. of electronic Countermeasure Equip. on B-52 & C-130 aircraft. Repair & Maint. of T.V. Monitors, Cameras & Recorders on Drone Aircraft.

Service Schools: AEW & C Radar Repairman, 41 wks. Keesler AFB, Miss.

Personal Achievements: Maint. Man of the Month, March, 1971
379th Bombardment Wing (SAC), Wurtsmith AFB, Mich.
Master Technician Award, Sept. 1973, 100 Airborn Missile Maint.
Sq. (SAC), Davis-Monthan AFB, Ariz.

EMPLOYMENT:

Mar. 1978
to
Present
Nuclear Energy Services, Inc.
Conam Inspection Div.
LaSalle County Nuclear Station
P.O. Box 160
Grand Ridge, IL 61325

Duties: MT, PT, Level II Technician to ASNT-TC-1A 1975.
M.A. Martell, Project Manager.

Nov. 1976
to
Mar. 1978
Dravo Corporation
PipeFab Div.
1115 Gilman Ave.
Marietta, Ohio 45750
Wages: \$810.00/month

Duties: Physical Inspector; Quality Control; Non-Destructive testing. Certified in Magnetic Particle & Liquid Penetrant in accordance with ASNT Feb. 1977 to Present. Level II Perform Mag & Dye Checks, also Physical Squareness of Fabricated Pipe to customer specs.

June, 1976
to
Nov. 1976
Sperry-Univac
Paper Products
P.O. Box 171
Marietta, Ohio 45750

Duties: Scheduled-Dispatcher; Responsible for requisitioning raw paper for manufacture of paper folders. Scheduling customer orders as to time & date of shipment.

March, 1975
to
June, 1976
Lay-off due to shelving of Work Processing Systems.

April, 1974
to
March, 1975
Sperry-Univac
Word Processing Systems Div.
P.O. Box 171
Marietta, Ohio 45750

Duties: Technician A, Quality Control; Physical & Electrical Inspection of purchased material, on line & final acceptance testing of word processing systems.

Aug. 1967
to
Feb. 1974
U. S. Air Force

SUMMER EMPLOYMENT:

1966
Ball Electric
Belore, Ohio

Duties: Lineman, Worked with journeyman electricians as would an apprentice.

SUMMER EMPLOYMENT (cont.)

1965

Schneider Const. Co.
Parkersburg, W. Va.

Duties: Laborer

Michael A. Guliano Jr.
Employee No. 542176

Education: 4 years High School (East Prov. High School, RI)
2 years Trade School (East Coast Aero Tech., Mass)
2 years college (Johnson and Wales R.I.)

Work History: 6 years outside machinest (General Dynamics, Electric Boat Div.)

Kirk N. Weyant
Employee No. 542224

Education: Two years college, no assigned major one year college,
trade related courses.

Work History: 4 years Pipe and Mechanical Construction
1 year Fabrication & Structural (machinist, ironwork & welder)
6 months expiditing experience (materials)

Kenneth E. Kempka
Employee No. 647187

Education: 4 years H. S.
2 years College

Work History: 8 years - Quality Control Engineer
Mech/Piping, Civil - Nuclear

3 years - Quality Assurance Engineer
Mech/Piping (Nuclear)

Michael J. Guhitose
Employee No. 595548

Education: Rippowam High School general course 4 years, J. M. Wright Tech.
5 years, V. A. Plumbing and Pipefitting course 1,000 hrs.

Work History: V. A. apprentice from June 1969 thru May 1974. In which
time I worked on various plumbing and pipefitting jobs in
Stanford, Ct. For the next four years I have been working
as a pipefitter on construction jobs in the U.S.A. Oil
Refinearys, Chemical Plants and Power generating plants.

WORK HISTORY SUMMARY
(A-LAB RESUME)

Lussier, Candy

I worked for Willard Construction/Subcontractor with Bechtel on the Peach Bottom Job at Delta, Pa. from March 1972 thru September 1972.

I took care of duct work orders/filing/some typing.

From September 72 through January 1974 I worked for Bechtel Corp. also, at Delta, Pa.

I worked in Document Control took care of drawings/making copies/issuing/ updating some typing/ logging, keeping track of all documents making sure all are kept up to date.

September 1978-

Dow working in QC Civil taking care of drawings/Inspection Records/Discrepancy Reports/R.E.M's and NCR's updating.

RESUME OF
JOHN C. BRAUN

OBJECTIVE:

WELDING Q.A. ENGINEER, WELDING Q.C. ENGINEER

QUALIFICATIONS:

1. Certified Pipe, Plate, and Fillet Welder (Stick Electrode and Heli-Arc).
2. Certified NDE, PT, and M.T. Level II, ANSI 45.2.6 (SNT-TC-1A).
3. Certified Welding Q.C. Inspector, ANSI N45.2.6. Level II.
4. Certify and qualify welding on C'S and S'S piping (3/4" to 62" OD) and all A.W.S. structural steel fabrications.

EDUCATION:

COCOA BEACH HIGH SCHOOL
Cocoa Beach, Florida

BREVARD JR. COLLEGE
Cocoa, Florida

G. C. WALLACE JR. COLLEGE
Dothan, Alabama

TECHNICAL SCHOOLING:

1. A. DANIEL CONSTRUCTION CO., Greenville, South Carolina

Fabrication and Welding School

- B. DANIEL CONSTRUCTION CO., Dothan, Alabama

1. NDE (PT) Daniel Construction - Dothan, Alabama
2. NDE (MT) Daniel Construction - Dothan, Alabama
3. Level II - PT, Level II - MT
4. Welding Documentation
5. "Q" and "NON-Q" Welding Procedures
6. Visual Welding Inspection
7. Total Plant Numbering System (Documentation)
8. Westinghouse Nuclear Steam Supply System
9. Welder Qualification
10. Grinnel Piping-Heat Number Traceability and Code Identification
11. RT and UT Familiarization
12. Piping Heat Treat Familiarization

TECHNICAL SCHOOLING: (continued)

2. A. Received schooling and familiarization on MIG welding in addition to other certifications.
- B. Assisted in the evaluation and qualification of welders in bend tests and fillet tests.

EMPLOYMENT HISTORY:

1978 - 1978 BECHTEL POWER CORPORATION
LINERICK NUCLEAR PLANT (P.W.F.), Pottstown, Pennsylvania

Position: Welding Q.C. Engineer

Supervisor: Mal Brown - (215) 327-1200, Extension 398

Transfer From:

1977 - 1978 BECHTEL POWER CORPORATION
FAST FLUX TEST FACILITY (Breeder Reactor)
Richland, Washington 00352

Supervisor: Curt McClaskey - (509) 942-7251, Extension 222

Responsibilities: Please Note the following duties were my responsibilities as a Welding Q.C. Engineer at both of the aforementioned Bechtel projects:

- B. Provide technical support to the Project Field Welding Q.C. Engineer.
- C. Monitor plant and subcontractor welding, A.D.E. Operations per specifications and codes.
- D. Certify and qualify welders per ASME Section IV and A.W.S. Welding Code Section V.
- E. Maintain open log, sampling system books, prepare inspection reports.

EMPLOYMENT HISTORY: (continued)

- Responsibilities:
- F. Perform surveillance of subcontractors in-process welding and N.D.E. Control practices. Assure that the subcontractors visual acceptance of welds and N.D.E. is compatible with their procedures.
 - G. Monitor Weld Rod Control, Rod Rooms in the field, and Rod Withdrawal slips.
 - H. Monitor Documentation in specific weld joint packages.
 - I. Certified N.D.E., P.T., M.T., Level II.
 - J. Review all drawings, prints, isometrics, and sketches for selection of Weld Procedure Specifications.
 - K. Scope of work includes structural fabrications, erection and insulation all S/S and C/S piping, all sizes and thickness.

1976 - 1977

POWER SYSTEMS, INC.
DONALD C. COOK NUCLEAR PLANT (P.W.R.), Bridgman, Michigan

Position: Welding Q.C. Inspector

Supervisor: Vern Lovelace - (616) 465-3615

Responsibilities: Included overall welding activities in the field:

- A. Assure that inspections and tests are completed.
- B. Assure that inspections and tests meet applicable requirements.
- C. Assure in-process welding is performed in accordance with applicable approved weld procedures.
- D. Document welding activities in accordance with design specifications, codes, and procedure manual requirements.
- E. Cover all welding from fit-up, root-pass, and final or any other part of welding as required by job specifications and/or code requirements.

EMPLOYMENT HISTORY: (continued)

- Responsibilities:
- F. Turn all completed welds in for N.D.T., where applicable, for P.T., M.T., U.T., or R.T.
 - G. Assure all welders are qualified in accordance with ASME, Section IX.

1975 - 1976

DANIEL CONSTRUCTION COMPANY OF ALABAMA
FARLEY NUCLEAR PLANT (P.W.R.), Dothan, Alabama

Position: Q.C. Welding Inspector

Supervisor: B. H. Redmond - (205) 899-5171, Extension 245.

Responsibilities: Qualified and performed the following:

- A. Verify that all welders welding in his assigned area are properly qualified to weld to the applicable welding procedure.
- B. Assure that the welding procedures being used are approved for use on the Farley Nuclear Project Jobsite by A.P.C.O.
- C. Assure that any welding being performed in his assigned area is in accordance with the approved welding procedures.
- D. Verify that parts to be joined are in accordance with the applicable isometric or work order. Notify the Lead Welding Inspector of any discrepancies.
- E. Check fit-up, root-pass, and any other part of the welding process as required by specification and applicable code requirements. This shall be accomplished by visual inspection, in accordance with Q.C. Procedure 5.5.2.6 - Visual Inspection of Welds.
- F. Witness welder performance qualification test. Assure that tests are conducted in accordance with qualified procedures.
- G. Properly document all welding and inspection results as are required, i.e., F-101, F-101S, and travelers, as applicable.

UNCLASSIFIED
DATE TO ~~REVIEW~~

CALLING J.A. MCHESSE
JOINT K. MEMBERSHIP JOINT
ARLIS HILL RESEARCH CORP. 17A
P.O. BOX 90 NEW WASHINGTON, IN. 47162
PHONE: (312) 263-0091

RESPONSIBILITIES

- A. SUPERVISION OF ALL LEVEL I WELDING PERSONNEL, INCLUDING REVIEW AND APPROVAL OF PRELIMINARY REPORTS.
- B. APPROVAL OF QUALITY CONTROL INSPECTION AND TEST PROCEDURES.
- C. INTERFACE WITH ALL SUBCONTRACTORS AND VENDOR'S ON-SITE AND OFF-SITE.
- D. MONITOR WELDING OF ASME CLASS 1, 2, 3, AND AWS D1.1.77
- E. EVALUATION OF SUBCONTRACTOR Q.A. MANUALS AND PROCEDURES
- F. RESPONSIBLE FOR AUDITING SUBCONTRACTOR PROGRAMS
- G. DEVELOPMENT OF TRAINING AND CERTIFICATION PROGRAMS FOR LEVEL I AND II PERSONNEL IN ACCORDANCE WITH ANSI-N5.2.6.

IN ADDITION TO THE ABOVE DUTIES I ALSO WAS SENT TO NEWPORT'S CORPORATE OFFICE TO REPRESENT OUR COMPANY AS THEIR WELDING Q.A. ENGINEER IN OUR DIVISION I, N STAFF FOR THIS PROJECT. I ANSWERED QUESTION FROM THE ASME SURVEY TEAM ABOUT HOW WE INTENDING TO IMPLEMENT OUR Q.A. MANUAL.

EMPLOYMENT HISTORY: (continued)

- Responsibilities:
- H. Perform periodic audits of non-Q welding in his assigned area, as directed by the Lead Welding Inspector.
 - I. Perform non-destructive examinations, liquid penetrant, and magnetic particle, as required.
 - J. Monitor the control of welding materials in accordance with applicable procedures.
 - K. Perform periodic audits and surveillance of subcontractors to assure compliance with their Quality Assurance Manual.
 - L. Reviewing all welding inspection forms and documentations and forward them to the welding Q.C. records/documentation section for filing in Document Control.
 - M. Audits traveler packages to insure accuracy of entries made by the Q.C. Welding Department.
 - N. Reporting to Assistant Project Welding Q.C. Engineer any problems encountered during inspection.
 - O. Assist the Project Welding Q.C. Engineer in performing inspections of non-Q work and preparing the applicable reports.
 - P. Responsible for training of inspectors and assuring that they are thoroughly familiar with Q.C. and welding procedures pertaining to their area of responsibility.

Lee Harrison
Quality Control Welding Engineer

Mr. Harrison graduated from high school in 1969. He attended college for one year and job-related schools part-time for 6 years. Served with U.S. Navy as Flight Crew Plane Captain. From 1971 to 1973, Mr. Harrison worked in Electrical Construction for various contractors. From 1973 to January 1975, he worked for H.B. Frazer Co. of Pa., installing private telecommunications equipment, and as an estimator. Mr. Harrison worked for Bechtel Power Corporation at Limerik Generating Station as certified welder from January 1975 to September 1978, until starting present position in QC, October 2.

Gibbons, Robert L.
Employee # 416804

Graduated from the University of Maine in Dec. 1975 with a
B.A. in Anthropology/Archaeology.

Bechtel work experience began in the Home Office in the S.F.P.D.
Personnel/Staffing Group before transfer to the Electrical
Q.C. Group on the Midland jobsite. Previous experience included
short term employment for the U.S. Government involving Avionics
inspection and maintenance of U.S. Army Aircraft.

WORK HISTORY SUMMARY
(A-LAB RESUME)

DATE: December 15, 1978

NAME: Slocumb Mary F.
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 428874

EDUCATION:

Attended Midland High School, Midland, Mich., received a GED from the
U. S. Army Education Center, Dexheim, Germany, 1971

Attended Mid-Michigan Community College, received Emergency Medical
Technician certification, August, 1977

WORK HISTORY:

Tri-City Oil Co., Midland, Mich. Bookkeeper, receptionist 1974

Ramada Inn, Valley Plaza, Midland, Mich. Front Desk Clerk 1975

Giant Supermarket Cashier 1976

Bechtel Power, Electrical Engineering, Construction Assistant.

Worked with QTS, Raceway, did some drafting August, 1977-July, 1978

Yates Center Ambulance Service, Yates Center, Ks. EMT August-October,
1978 (Volunteer)

Bechtel Power, Electrical CC, Construction Assistant. Work again
with raceway, prints, typing, general office work. Present

RESUME

Synopsis of Resume of
Charles L. Spinks

10424 Achilles St.
El Paso, TX. 79924
(915) 821-7263

Available July 1978

Position Objective

The development of a second career in one of the fields of Power Generation, Distribution System Operations and Maintenance, or in Facilities Engineering Operations and Maintenance Management.

Experience

Broad spectrum of experience in all phases of Nuclear power plant operations, inspection and maintenance, specialty instruction in Electrical and operations, as well as experience in management of Facilities operation and maintenance on Military installations.

Technical background and comprehensive schooling in nuclear power plant theory for operations, maintenance, inspection, primary specialty area in electrical maintenance. Additional schooling in Utilities systems operation and maintenance. 20 years experience with qualifications in two nuclear, three conventional power plants and duty in three major military installation Facilities Engineering Directorates.

Training & Qualifications

September 1977 - June 1978:	Detachment Chief U.S. Army Facilities Engineering Support Agency, Fort Belvoir, VA., HQ, Detachment III, 2 Fort Bliss, TX.
September 1975 - September 1977:	Assistant Resources Management Officer, HQ US Army Facilities Engineering Support Agency.
January 1974 - September 1975:	Electrical Maintenance Supervisor, Andrew J. Weber Power Plant, Panama, Canal Zone.
April 1972 - January 1974:	Senior Instructor Electrical Specialty, Training Phase, Army Nuclear Power Plant Operator Course Fort Belvoir, VA.
October 1970 - April 1972:	Assistant Branch Chief, Monitoring & Control Section, Tactical Support Equipment Division Safeguard Central Training Facility, Fort Bliss, Texas.

August 1969 - October 1970:	Special Projects Officer, Directorate of Facilities Engineering, Fort Riley, KS.
August 1968 - August 1969:	Chief Inspector, Technical Inspection Branch Real Property Management Division, U.S. Army Engineer Construction Agency V.N.
August 1967 - August 1968:	Assistant Post Engineer, Family Housing Manager, Fitzsimmons Army Medical Center, Denver, Colorado.
August 1965 - August 1967:	Contract Inspector for Plant Electrical Systems Inspection, Testing & Acceptance, MH-1A Floating 10 MWE Nuclear Power Plant.
April 1963 - August 1965:	Operations Training Instructor, SM-1A Nuclear Power Plant, SM-1A Nuclear Power Plant Simulator, Fort Belvoir, VA.
November 1961 - April 1963:	Electrical Maintenance Specialist Gas Turbine Test Facility, the Army Nuclear Power Program's closed cycle Gas Turbine Research & Development Program.
September 1960 - October 1961:	Student U.S. Army Nuclear Power Plant Operators Course, Fort Belvoir, VA.
August 1958 - September 1960:	Power Generation Equipment Maintenance Specialist, 1st Missile BN, Camp Hanford, Washington.
August 1955 - August 1958:	Petroleum Well Logging Engineer, Hycalog, Inc. Shreveport, LA.

Personal

Born:	25 August 1935 in St. Louis, Missouri.
Appearance:	Height 5'9", Weight 150 lbs
Marital Status:	Married, Raised 3 boys - 1 girl, 15 yr old son still in High School.
Hobbies:	Fishing, Camping, Bowling, Handcrafts.
Health:	Good, No physical limitations
Service:	20 years Active Duty in Power Plants & Facilities Engineering - Retiring 30 June 1978.

Schooling

68 Hrs College Credits

Facilities Engineering Management Course,
U.S. Army Engineer School, Fort Belvoir, VA.

FOLLOWING IS THE AMPLIFIED RESUME OF:

CHARLES L. SPINKS
10424 ACHILLES ST.
EL PASO, TX 79924
PHONE (817) 821-7283

Date Entries May Be Keyed To The Precedente Synopsis

Experience and Employment Highlights

September 1977 - June 1978

Detachment Chief USA FE SPT Detachment III, Fort Bliss, Texas. Responsible for overall operational coordination and technical assistance of 40 man Facilities Engineering Support Agency Detachment rendering specialized technical assistance in the areas of Boiler Plant/Steam systems troubleshooting, Infrared surveys of steam and Electrical Systems, and structures. Energy conservation techniques, energy consumption investigations, process water analysis and treatment, refrigeration and A/C system maintenance, Instrumentation & Control system Maintenance, Switchgear, Circuit Breaker, and Protective Relay Maintenance & Calibration, Power System Coordination, Transportable Power Generation Systems in increments from 500-1500 KW units, and other F.E. related areas as shown in Catalog of Services.

September 1975 - September 1977:

Assistant Resources Management Officer U.S. Army Facilities Engineering Support Agency, Fort Belvoir, VA. Responsible for overall Management and Control of all requests for services received. Instrumental in development of management objectives, management indicators and organizational work management plans and implementing procedures.

Additionally responsible for the development of Infra Red Survey Techniques in application of IR thermography to utilities systems using Hand-Held Viewers and development of interpretation and follow-up Hand-Held Viewer applications to Aerial IR Photography.

January 1974 - September 1975

Electrical Maintenance Supervisor, Andrew J. Weber Floating 22.3 MWE Diesel & Gas Turbine Power Plant, Panama, Canal Zone. Plant consisted of 2 each 8.5 MW gas turbine driven and 3 each 1.7 MW Diesel Engine Generators statically excited, regulated, and speed governed, generating @13.8 KV.

April 1972 - January 1974:

responsible for maintenance of all switch-gear cabling, protective devices and systems including coordination, Motors & Controllers, Control Circuitry, M-6 Sets, 125V 95 cell Station Battery & Charging Systems, control systems for level, flow, & process, Air conditioning and metering as well as ships service systems.

Senior Instructor, Electrical Specialty Training Phase, Nuclear Power Plant Operators Course, U.S. Army Nuclear Power Program, Fort Belvoir, VA. Responsible for Course Administration of 18 week course in all aspects of Electrical System and equipment associated with Electrical Power Generating Stations both Nuclear and conventional (POI of Training Enclised). Assigned as Primary Instructor in all classes at one time or another.

October 1970 - January 1974:

Branch Chief Monitoring & Control Section, Tactical Support Equipment Division, Safeguard Central Training Facility, Fort Bliss, Texas. Responsible for overall supervision of instruction during Electrical Training Course for Safeguard ABW sites. Equipment included 17 MW Diesel Main Power Plant, remote Gas Turbine Launch Facility's Plants and all associated previously referenced equipment and systems as well as chiller systems up to 886 ton.

August 1969 - October 1970:

Special Projects Officer, Directorate of Facilities Engineering. Major responsibility was the development of a comprehensive P.W. program for utilities systems and equipment on a 50,000 man Military Installation.

August 1968 - August 1970:

Chief Utilities Division Inspector, USAEC/VN HQ Vietnam. Responsible for inspection and evaluation of 42 Contractor Operated Facilities Engineering Divisions located throughout Vietnam, Areas inspected and evaluated were Work Management, Supply, Structures, Roads and grounds, Utilities, and Fire Prevention and Protection. Major interest was in ensuring the use of effective, efficient management techniques and procedures & methods of work sampling.

Power Systems Coordination, Multi-Amp
Institute, Cranford N.J.

Protective Devices Maintenance & Calibration
Multi-Amp Institute, Cranford N.J.

Family Housing Management, U.S. Army Manage-
ment School, Fort Belvoir, VA.

Pole Line Design Course. U.S. Navy Seabee
Schools, Port Hueneme, California.

Safeguard Power Systems, G.E. Atlanta, GA.

Tactical Support Equipment Course, Safeguard
Central Training Facility, Fort Bliss, TX.

Radiological Protection Officers Course. U.S.
Army Chemical Schools, Fort McClellan, Ala.

MH-1A Plant Systems Training, Martin Nuclear
Division, Martin-Marrietta Corp. Baltimore
MD.

(FOR AMPLIFICATION PLEASE SEE FOLLOWING)

August 1967 - August 1968:

Assistant Post Engineer, Post Engineer Division Fitzsimmons Army Medical Center, Denver CO. Assisted in the Management and administration of a 380 man, \$14 million budgeted Post Engineering Division supporting a 1300 bed major military hospital.

August 1965 - August 1967:

Inspection and Acceptance Testing of Electric Systems and Equipment on a floating 10 MWE Floating Nuclear Power Plant. The Plant generated 13.8 MW and distributed thru a 22/44/69 KV 15,000 KVA Transformer. Station DC provided by a 129V Nickel-Cadmium battery with associated MG set chargers, utilized 3 ea 680 KW Diesel Generators for "Black start-up", Electrical Systems and Equipment associated with steam plants, also capable of generating Q50 by thru a 2100 HP MG set supplying station service power.

April 1963 - August 1965:

Operations Instructor, U.S. Army Nuclear Power Plant Operators Course, Fort Belvoir, VA. Course consisted of 15 weeks of training conducted in the SM-1 Nuclear Power Plant. Hands-on operational training was preceded by plant system sketching, Control Room Simulator Training, and concluded with a Plant Operators Qualification Board.

November 1961 - April 1963:

Nuclear Power Plant Operator SM1 Nuclear Power Plant, Fort Belvoir, VA. Qualified as Equipment Operator, Control Room Operator and Shift Supervisor under licensing requirements of the then Atomic Energy Commission.

Louis D. Tilson

Had experience in Quality Control from the D. G. O'Brien Company. A manufacturer of nuclear penetration units. Also had experience in Quality Control from the Bechtel job in Monroe, MI. Have acquired my B.S.E.E. from Northeastern University. Also acquired diverse engineering experience from numerous co-op jobs.

Michael J. Moore

Receiving Quality Control Engineer

Mr. Moore graduated from University of Delaware in Newark, Delaware with a Bachelor's Degree in Plant Science and Agricultural Engineering in 1978.

Between schooling he worked selling Agricultural products and as a Construction laborer.

After college Mike worked as a machine operator in a precision machine shop before joining Bechtel Quality Control.

C. Baryla
Quality Assurance Clerk

Born Wyandotte, Michigan attended O. L. of Mt. Carmel thru 12th grade - pre college course. Graduated 1959 upper 10th of class.

Work History: Received Michigan Bell Telephone operator and supervisory training - on Long Distance and Information; worked 6 years there.

Secretarial Pool at Bechtel in April, 1977 - to switchboard and Communications Room September 1977 to QA Department.

Married, 2 children 9, 14

RESUME'

RESUME' FOR:

Raymond Dallas Brown
5350 Ditch Road
New Lothrop, Michigan 48460
Phone: 517-845-6218

EDUCATION:

Graduate - Clio Area High School
Graduate - Flint Junior College
"Associate of Science Degree"

EMPLOYMENT:

Millwright Local #1102
23401 Mound Road
Warren, Michigan 48091

EXPERIENCE:

May 1961

Employed by numerous companies while working in the Millwright Craft. Employed as foreman and general foreman a total of five years. During this period of time I inspected the work of the millwrights in my charge. As a millwright my experiences included working to very close tolerances and using precision instruments to attain these close tolerances while final setting and checking alignment on heavy machinery, compressors, motors, Reactor Vessels and Steam Generators. My experience includes the use of dial indicators, inside and outside micrometers, calipers, optic levels, master levels, precision levels and drilling and reaming tools. A list of companies and specific dates of employment will be furnished upon request.

Sept. 1959 to
May 1961

Attended Flint Junior College

June 1956 to
July 1959

U. S. Navy Aviation Electronics Technician Second Class (E-5), responsible for testing and installing navigation and communication equipment in naval aircraft. Honorable Discharge.

TECHNICAL TRAINING
AND EXPERIENCE:

K & E Optical Instruments
Welding Theory and Practice
Industrial Metals and Materials
Blueprint Reading
Drafting and Design
Plant Layout
Certified Welder

