

Consumers Power Company  
Report #27, September 28, 1979

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

A. Construction work to be performed during the period.

1. Start piles for process steam bridge abutment.
2. Start installation of diesel generators and associated equipment.
3. Start assembly of CRDM's in Reactor Building No 2.
4. Start stress relieving on the reactor coolant pipe joints in Reactor Building No 1.
5. Start installation of fuel handling equipment.
6. Continue the blockwork and shielding in the Auxiliary Building.
7. Continue HVAC equipment in the Auxiliary Building.
8. Continue installation of ductwork in the Auxiliary Building.
9. Continue installation of restraints and equipment barriers in the Auxiliary Building.
10. Continue installation of tendons and post-tensioning in Reactor Building No 2.
11. Continue installation of Unit No 2 reactor vessel internals.
12. Continue installation of restraints and barriers in Reactor Building No 1.
13. Continue installation of chemical and oily waste.
14. Continue work on reactor coolant pumps in Reactor Building No 2.
15. Continue erection of Unit No 1 main steam leads.
16. Continue installation of conduit, wire and cable, and piping in all areas.
17. Continue installation of solid radwaste equipment and complete close-in of remaining walls and construction openings in the Radwaste Building.
18. Continue erection of missile shielding.
19. Continue flue heads in the Reactor Building No 1 and No 2.
20. Continue HVAC ductwork and equipment in the Turbine Building No 2.
21. Continue setting Unit #1 lower shell and hoods.
22. Continue erection of tanks in tank farm.
23. Continue the Evaporator Building siding.
24. Continue lower elevation walls and slab of guardhouse.
25. Continue equipment installation and close-in siding for Chlorination Building.
26. Continue all duct banks for security system.
27. Continue erection of cooling towers.

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28. Continue remaining work in the reactor spray pump and decay heat pump rooms in the Auxiliary Building.
  29. Continue main steam pipe and hangers on roof of Auxiliary Building.
  30. Turn over Administration Building to CPCo.
  31. Continue lube oil and seal oil piping in Turbine Building No 2.
- B. Supervisor and engineers of the applicant and architect-engineer who are expected to be onsite during the period October 1 - December 31, 1979.
1. Consumers Power Company
 

DDBalinsky	- IE&TV Welding and NDE Group Supervisor
DCHendrix	- IE&TV Quality Assurance Engineer - Electrical
GREagle	- QAE - Reliability and Maintainability
RONenendorf	- Quality Assurance Engineer
LJHagan	- Quality Assurance Engineer
  2. Bechtel
 

Price, R	- Quality Control Engineer - Mech/Piping
Kramer, R	- Quality Control Engineer - Mech/Piping
Akbar, A	- Quality Control Engineer - Mech/Piping
Cruz, J	- Quality Control Engineer - Mech/Piping
Fritz, W	- Quality Control Engineer - Mech/Piping
Anderson, T	- Quality Control Engineer - Mech/Piping
Glatz, L	- Quality Control Engineer - Mech/Piping
Robbins, W	- Quality Control Engineer - Mech/Piping
Earp, G	- Quality Control Engineer - Mech/Piping
Campbell, M	- Quality Control Engineer - Mech/Piping
Kelly, M	- Quality Control Engineer - Mech/Piping
Sweet, G	- Quality Control Engineer - Mech/Piping
Plante, N	- Quality Control Engineer - Doc Review
Pendergast, R	- Quality Control Engineer - Electrical
Peters, R	- Quality Control Engineer - Electrical
Jones, R	- Quality Control Engineer - Electrical
Crimens, J	- Quality Control Engineer - Electrical
Mann, E	- Quality Control Engineer - Electrical
Drew, K	- Quality Control Engineer - Electrical
Siegel, K	- Quality Control Engineer - Civil
Stark, M	- Quality Control Engineer - Civil
Sercu, J	- Quality Control Engineer - Civil
Kerr, J	- Quality Control Engineer - Civil
Haren, P	- Quality Control Engineer - Civil
Murdoch, R	- Quality Control Engineer - Civil
Gelnett, T	- Quality Control Engineer - Civil
Redler, R	- Quality Control Engineer - Welding
Falkenborg, P	- Quality Assurance Engineer - Mechanical
Sevo, R	- Quality Assurance Engineer - Civil
Yee, R	- Quality Assurance Engineer - Electrical

### 3. B&W Construction Company

WAWillman	- Quality Control Engineer
TEKane	- Quality Control Inspector
CEBowen	- Quality Control Inspector
CGwin	- Quality Control Inspector

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

### D. Changes

#### 1. Consumers Power Company

ROstrowski was incorrectly listed as no longer having quality tasks in the last report. Mr Ostrowski continues in his previous capacity.

#### 2. Bechtel

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

Mansfield, L	- Quality Control Engineer - Mech/Piping
Huron, J C	- Quality Control Engineer - Welding
Lewis, J	- Quality Control Engineer - Mech/Piping
Kexel, J	- Quality Control Engineer - Electrical
Roderick, L	- Quality Control Engineer - Electrical
Potoczniak, W	- Quality Control Engineer - Welding
Smith, D	- Quality Control Engineer - Mech/Piping
Bensko, J	- Quality Control Engineer - Welding
Mayers, J	- Quality Control Engineer - Civil
Fish, W	- Quality Control Engineer - Welding
Cridland, C	- Quality Control Engineer - Doc Review
Grosch, D	- Quality Control Engineer - Mech/Piping
Fryman, E	- Quality Control Engineer - Civil
Braun, J	- Quality Control Engineer - Welding
Kimbrow, D	- Quality Control Engineer - Mech/Piping
Ozeroff, A	- Quality Assurance Engineer - Civil
Schroeder, L	- Quality Assurance Engineer - Civil

#### 3. B&W Construction Company

No changes.

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

DANIEL D. BALINSKY

3606 Monroe Road  
Midland, Michigan 48640  
(517) 832-7763

Seventeen (17) years of increasing responsibility in engineering, quality assurance administration, and inspection; fourteen (14) years of which were in power piping and pressure vessel fabrication. Functional responsibilities have included supervision of QA/QC programs, project planning and evaluation, and procedure development and implementation.

- 1979 - Present      CONSUMERS POWER COMPANY - Jackson, Michigan  
QA Group Supervisor - Supervise the QA Welding and NDE Group in the construction of Midland Nuclear Plant. Interface with contracted Quality organizations to resolve quality problems. Assign personnel to perform visual inspections and documentation audits on hardware items and construction functions. Approve the release of nonconformances or deficiencies related to welding or NDE.
- 1978 - 1979      GILBERT/COMMONWEALTH - Jackson, Michigan  
Senior QA Engineer - Review and/or provide input to technical specifications for materials applications and special processes; review and evaluate vendor proposals and procedures for materials and special process applications. Related duties include performing audits, reviewing Safety Analysis Reports and consultations on material and special process applications.
- 1978      PETRO MARINE ENGINEERS - New Orleans, Louisiana  
QA Consultant/Supervisor - Directed construction contractors' QC organization in developing QC manuals and quality programs for the LOOP Project (48" pipeline/offshore platform); conducted vendor audits and prepared procedures for interfacing with government agencies.
- 1975 - 1978      ALYESKA PIPELINE SERVICE COMPANY - Anchorage, Alaska  
Senior Inspection Engineer - Lead responsibility for welding and NDE acceptance on TAPS Project. Interfaced with D.O.T., Office of Pipeline Safety, on resolution of federal code interpretations and waivers. Developed procurement procedures and specifications.  
  
QA Supervisor Weld/NDE - Supervised the QA Auditing Department on evaluating welding documentation to the requirements of 49CFR192, and 195 (Oil and Gas Pipelines), AWS D1.1, ANSI B 31.1 and API-1104. Developed, implemented and supervised the welding audit program to assure field construction compliance with federal regulations and company procedures. Appointed Sr. Level III in NDE for TAPS Project.
- 1974 - 1975      TUCKER STEEL COMPANY - Knoxville, Tennessee  
Manager of Quality Assurance - Supervised Visual and NDE Inspection Departments and plant welding engineering. Coordinated resolution of field construction problems for heavy bridges and nuclear building contracts; appointed construction bridge superintendent to interface with state and local officials in resolving remedial weld repairs to requirement of AWS D1.1. Developed company Nuclear QA Manual addressing the requirement of ANSI N45.2 for TVA.

1074 298



## DANIEL D. BALINSKY (Contd)

1965 - 1974

EAST OHIO GAS COMPANY - Cleveland, Ohio

QA Specialist Weld/NDE - Responsible for all contracted inspection QA personnel, including contract administration. Conducted inspection training schools and qualified inspection and welding personnel. Authored QA field inspection manuals, and welding and NDE procedures to the requirements of 49CFR192 and API 1104 and coordinated ASME J and UM Stamp plant certification. Conducted studies on weld failure analysis. Supervised vendor surveillance on tubular products. Developed computer techniques for maintaining control over welding and NDE programs.

## PRESENTATIONS:

"Quality Control System of Welder Qualification," AWS Cleveland Section, 1972.

"Design of Hydrostatic Test Frame," Lincoln Electric, Structural Steel Award, 1973.-

## EDUCATION:

A.S. 1969. Cuyahoga Community College

B.S.N.S. 1974, University of Akron

Studies - QC and Welding - to 1977, University of Alaska

Quality Auditing Management - 1978

Ultrasonic Testing (code, weld, and basic) - 1968-1973

Fracture Mechanics of Pipeline - 1972

Structural and Production Welding - 1969

Nondestructive Testing (M.I.T.) - 1964

## CERTIFICATION:

P.E. Quality - California, QU5643

ASNT-SNT-TC-1A Level III, RT, UT, MT, PT - OB-732

AWS Welding Inspector

## SOCIETIES:

American Society of Quality Control

American Welding Society

American Society of Nondestructive Testing

PERSONAL  
DATA:

Age - 39

Married

6'4", 190 lbs.

2 Children

Excellent Health  
U.S. Citizen

1074 299

DONALD C. HENDRIX  
RR. #4 Box 308  
Norfolk, Nebraska  
(402) 371-1949

POOR ORIGINAL

PERSONAL DATA:

Age 28  
Marital Status: Married, no children  
Military Status: Honorable Discharge  
(January 1972-September 1977)

EXPERIENCE:

9/77 - Date

Nuclear Support Services Inc., Woodbridge, VA  
Working as a Supervisor/Technician with over eight years experience in electronics and nuclear power plant instrumentation and electrical systems. Having worked under two A.N.S.I. and N.R.C. approved job fields, nuclear power plant senior instrumentation technician and/or nuclear power plant senior electrician, at the following nuclear power plants: Millstone Unit 1, Millstone Unit II, Fort Calhoun Station. (Job Description Add #1)

1/72 - 9/77

U.S. Army

10/74-09/77

United States Army Facilities Engineering Support Agency, O.D., O.M., Fort Belvoir, VA  
Performed as a nuclear power plant operator/senior instrument technician, nuclear power plant electrician, installation of E.C.C.S. in floating nuclear power barge, nontactical generator operator mechanic (conventional diesel and gas turbine generating units). Performed power plant instrument and electrical/calibration in Okinawa, Korea and Panama.

1/71-10/74

76th Eng. B.N., Fort George G. Meade, MD  
Senior construction electrician, senior generator operator mechanic, and heavy equipment operator.

1971-1972

Stereo Shop, Norfolk, NE  
Electronics technician for installation and repairs of audio and visual equipment.

1970-1971

Henningson's Foods Co., Norfolk, NE  
Part-time work. Supervised/performed unloading of processed food in accordance with U.S.D.A. edible food requirements.

EDUCATION AND  
SPECIALIZED  
TRAINING:

MILITARY:

Completion Instrumentation Advanced Specialty Training  
Fort Belvoir, VA (Add #2)

Graduate, Nuclear Power Plant Operators Course, Instrument  
Specialty Training, Fort Belvoir, VA (Add #3)

1074 300

EDUCATION AND  
SPECIALIZED  
TRAINING:

MILITARY: (Contd)

Graduate, Nuclear Power Plant Operations Course  
Fort Belvoir, VA (Add #4)

Graduate, Engineer Non-Commissioned Officers Basic Course  
Fort Belvoir, VA (Add #5)

CIVILIAN: Graduate, Northeast Technical College  
Norfolk, NE (Add #6)

Graduate, Norfolk Senior High School  
Norfolk, NE

Any other references or other information is available upon request.

1074 301

Addition #1

Job Description

**POOR ORIGINAL**Millstone Point, Units I and II

Performed shutdown, operating, and start up maintenance work including QA calibration lab technician, cat. #1 systems surveillance, QA calibrations, QA repairs. Preventive maintenance programs, inspection of Cat. #1 instrumentation; instrumentation modification and initial calibration of new and existing QA and non QA electronic, pneumatic and electrical equipment. Repair and calibration of nuclear and secondary instrumentation and equipment, steam turbine and power generator associated equipment (speed, flow, pressure, vacuum, level, position, vibration, etc.) radia on monitoring equipment, chemical addition and P.H. systems, oxygen and hydrogen detectors and analyzers, conductivity indicators and other related instruments. Performed acceptance testing, installation, calibration and verification of conformance with NRC requirements of new, active and passive security systems.

Fort Calhoun Station

Calibration, testing and repair of fuel handling equipment, (refueling machine, elevators, underwater T.V. cameras, and lights, new and spent fuel inspection equipment, etc.) rebuild control rod drives and associated electrical and mechanical equipment. Inspection, Double and Hi Pot of cat #1 electrical systems (transformers, busswork, wiring, cable trays, motor windings, cabinets, etc.) functional test of emergency backup systems (inverters, load test station batteries, E.C.C.S. valves, etc.) Aux systems and support equipment (feed pumps, overhead crane, P.A. systems, etc.).

1074 302



DEPARTMENT OF THE ARMY  
HEADQUARTERS, US ARMY FACILITIES ENGINEERING SUPPORT AGENCY  
FORT BELVOIR, VIRGINIA 22060

FESA-TD-CB

31 OCT 1975

SUBJECT: Successful Completion of Advanced Technical Training

SP5 Donald C. Hendrix  
Training Division  
USA Facilities Engineering Support Agency  
Fort Belvoir, Virginia 22060

**POOR ORIGINAL**

1. It is my pleasure to confirm your successful completion of the 335-hour course of instruction of the Instrumentation Postgraduate Specialty Training Phase of the Nuclear Power Plant Operators Course presented by the Training Division, USA Facilities Engineering Support Agency, Fort Belvoir, Virginia, during the period of 25 August 1975 through 31 October 1975.
2. A copy of this letter and the inclosed DA Form 750 will be placed in your Official Military Personnel Records Jacket, and appropriate entries will be made on your Enlisted Qualification Record, DA Form 2-1.

1 Incl  
as

*Paul Bazilwich, Jr.*  
PAUL BAZILWICH, JR.  
LTC, CE  
Deputy Commander and Director

Copy Furn:  
MPRJ

1074 303

US ARMY  
FACILITIES ENGINEERING SUPPORT AGENCY

In recognition of successful completion of the  
Nuclear Power Plant Operators Course during the period

15 October 1974 to 26 September 1975 this

Diploma

is awarded to

SP5 Donald C. Hendrix 50S-68-3488

this day of October 19 1975, at Fort Belvoir, Virginia

Specialty Training Instrument

Donald C. Hendrix

Division

Commander/Director

US Army Facilities Engineering Support Agency

Chief, Training

POOR ORIGINAL



POOR ORIGINAL

Addition #4

1074 305

Fort Belvoir

Virginia



# US Army Facilities Engineering Support Agency

SPECIALIST FIVE DONALD C. HENDRIX

508-68-3488

Having fulfilled all necessary requirements is hereby  
certified as a qualified

NUCLEAR POWER PLANT OPERATOR, BASIC

*Belmont*

BERNARD E. HARTMAN, Sergeant Major, USA  
President, Qualification Board

*Paul R. Razilovich, Jr.*

PAUL RAZILNICH, JR., Lieutenant Colonel, CE  
Deputy Commander and Director

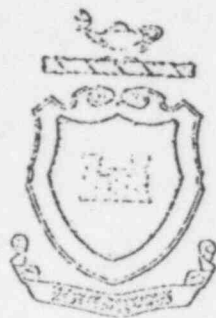
Approved this 8th day

of October 1975

*William F. Reilly*

WILLIAM F. REILLY, Colonel, CE  
Commander and Director

United States Army Engineer School



POOR ORIGINAL

*Be it known that*

Specialist Fourth Class Donald C Hendrix

*has successfully completed the*

Engineer Noncommissioned Officer Basic Course

*and is therefore entitled to receive this*

**Diploma**

*Given at Fort Belvoir, Virginia*

this 7th day of Feb 19 74 1074 306

James A. Velazquez  
Major, CE, Secretary

POOR ORIGINAL

NORTHEAST NEBRASKA TECHNICAL COLLEGE  
NORFOLK, NEBRASKA



DIPLOMA

This is to certify that  
DONALD C. HENDRIX  
has satisfactorily completed  
ELECTRONICS

72-30 HOUR WEEKS MAY 26, 1971  
(Course)

St. Paul Mady Floyd E. Mickus Donald B. Bays  
President Deen Instructor

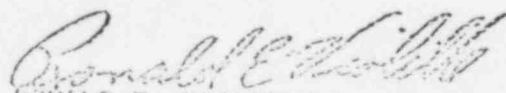
1074 307

SUBJECT: Letter of Recommendation

**POOR ORIGINAL**

TO WHOM IT MAY CONCERN:

1. I have been Supervisor of Donald C. Hendrix for the past year. During this time frame I have closely observed his performance.
2. He is an extremely capable young man with a strong background and expertise in the power production instrument maintenance/repair field. Experience has included nuclear as well as conventional power production equipment. He is equally experienced in the calibration and maintenance of relays and circuit breaker in Power Distribution Systems. He has completed the most complete instrument repair course that the Army has to offer. He has over two years experience in the practical application of the training he has received.
3. Mr. Hendrix has an extraordinary sense of responsibility and maturity beyond his years. He makes an excellent supervisor and is able to plan, control, execute, and complete any task assigned to him.
4. He has earned the respect of his peers as well as that of his superiors. Through-out his term with this organization he has received an outstanding rating for every undertaking and has been a credit to the unit and himself.



RONALD E. VIOLETTE

MSG, ENG

Detachment I Commander

USAFESA, Ft. Belvoir, Virginia 22060

1074 308

POOR ORIGINAL

FCC FORM 152-A  
NOVEMBER 1974

# RENEWAL

STATION

P3-17-29744

RENEWAL OF LICENSE

FEDERAL BUREAU OF INVESTIGATION

(Restricted Radiotelephone Certificate)

*This certifies that*

DONALD C. HENDRIX

SEX	HEIGHT	WEIGHT	COLOR EYES	COLOR HAIR	DATE OF BIRTH
M	6	175	Green	Brown	July 3, 1951

IS A LICENSED RADIO OPERATOR, AUTHORIZED, SUBJECT TO AN SPECIAL ENDORSEMENT PLACED HEREON, TO OPERATE THE CLASSES OF LICENSED RADIO STATIONS FOR WHICH THIS CLASS OF LICENSE IS VALID UNDER THE ORDERS, RULES AND REGULATIONS OF THE FEDERAL COMMUNICATIONS COMMISSION, ANY STATUTE OF THE UNITED STATES, AND ANY TREATY TO WHICH THE UNITED STATES IS A PARTY.

THIS LICENSE IS GRANTED UNDER THE AUTHORITY OF THE COMMUNICATIONS ACT OF 1934, AS AMENDED, AND THE TERMS AND CONDITIONS THEREOF AND OF ALL LEGISLATIVE ACTS, EXECUTIVE ORDERS, AND TREATIES TO WHICH THE UNITED STATES IS SIGNATORY, AND ALL ORDERS, RULES AND REGULATIONS OF THE FEDERAL COMMUNICATIONS COMMISSION, WHICH ARE BINDING UPON RADIO OPERATORS, ARE MADE A PART HEREOF AS THOUGH SPECIFICALLY SET OUT IN FULL HEREIN.

NEITHER THIS LICENSE NOR THE RIGHTS CERTIFIED TO HEREIN SHALL BE ASSIGNABLE OR OTHERWISE TRANSFERRED TO ANY OTHER PERSON.

PLACE AND DATE OF ISSUANCE:

KANSAS CITY, MO

December 14, 1976

DATE AND TIME OF EXPIRATION:

December 14, 1981

AT 7:00 O'CLOCK A.M., EASTERN STANDARD TIME

SPECIAL  
ENDORSEMENT:

*James H. ...*  
Issuing Officer

Federal  
Communications  
Commission



Signature of Licensee

NOT VALID UNTIL SIGNED

1074 309



POOR ORIGINAL

SECURITY TERMINATION STATEMENT AND DEBRIEFING CERTIFICATE

For use of this form, see AR 380-5; proponent agency is OACSI.

DATE  
8 Sep 77

PART I - BASIC INFORMATION

(Originating Headquarters)		OTHER NO.	
USA Facilities Engineering Support Agy FT belvoir VA 22060			
ST NAME - FIRST NAME - MIDDLE INITIAL HENDRIX, Donald Calvin		GRADE (Ill or Civ) SP5	SERIAL SECURITY ACCOUNT NO. 508-68-3408
DATE OF BIRTH (Day, Mo, Yr) 3 Jul 51	PLACE OF BIRTH (City, State, Country) Omaha, Nebraska		

PART II - REFERENCES

- a. APPLICABLE TO ALL PERSONNEL WHO HAVE HAD ACCESS TO DEFENSE INFORMATION:
- (1) ESPIONAGE LAWS: TITLE 18, U.S. CODE, SECTIONS 793, 794 AND 795 ("temporary extension of Section 794").
  - (2) INTERNAL SECURITY LAWS: TITLE 50, U.S. CODE, SECTION 793.
  - (3) AR 380-5
- b. ADDITIONALLY APPLICABLE TO PERSONNEL WHO HAVE HAD ACCESS TO RESTRICTED DATA:
- (1) ATOMIC ENERGY ACT OF 1954: TITLE 42, U.S. CODE, SECTIONS 2014, 2192, 2274, 2275, 2276 AND 2277.
  - (2) AR 380-159
- c. ADDITIONALLY APPLICABLE TO PERSONNEL WHO HAVE HAD ACCESS TO CRYPTOGRAPHIC MATERIAL OR INFORMATION:
- (1) ESPIONAGE LAWS: TITLE 18, U.S. CODE, SECTION 793.
  - (2) AR 380-49
- d. ADDITIONALLY APPLICABLE TO PERSONNEL WHO HAVE HAD ACCESS TO INFORMATION SPECIALLY COMPARTMENTED BY DOD OR DA DIRECTIVE:
- LETTER, AGAM-P (M) (23 Dec 63) ACSS-AS, HQ DA, 2 JAN 64, SUBJECT: "SECURITY POLICY FOR MILITARY SPACE PROGRAMS".
- e. OTHER: (Specify)\*

PART III - SECURITY TERMINATION AND DEBRIEFING STATEMENT

1. I acknowledge that I have read the applicable material for the level of classified information to which I have had access, and I understand that the revelation of classified information to an unauthorized person or agency is prohibited and punishable by law. My initials below attest to the level of access which I have had and to the applicable material, as identified in References, which I have read.

INITIALS

EXTENT OF ACCESS

- |            |  |
|------------|--|
| <u>WCH</u> | a. <del>TOP SECRET</del> - SECRET - CONFIDENTIAL defense information (Reference a).  |
| <u>WCH</u> | b. RESTRICTED DATA (Reference b).  |
| <u>N/A</u> | c. CRYPTOGRAPHIC material or information (Reference c).  |
| <u>N/A</u> | d. Information specially compartmented by Department of Defense or Department of the Army directives. (SPECIAL ACCESS Information) |
| <u>N/A</u> | e. Other: (Specify)*   |

FINAL BRIEFING CONDUCTED ON 8 Max Sep 77 IAW AR 381-12

1074 310

2. I do not have classified material or documents in my possession.
3. I will not divulge classified information orally, in writing, or by any other means, to an unauthorized person or agency.
4. I will immediately report to the Federal Bureau of Investigation, my supervisor/commander, or other military authority, as appropriate, any attempt by an unauthorized person or agency to obtain classified information.
5. I received an oral debriefing, immediately prior to the execution (i.e., signature) of this Security Termination Statement.
6. Final briefing under provisions of AR 381-12 conducted this date.

\* Can include access to information covered by treaties involving the U.S. (i.e., AR 380-15, AR 380-16, or AR 380-17) plus any travel restrictions.

DISTRIBUTION:

FIELD 201 FILE (Military)  
LOCAL SECURITY FILE

SIGNATURE

*[Signature]*



CONFIDENTIAL RESUME

George R. Eagle

OBJECTIVE            Quality/Reliability Supervision, Management, Staff

GENERAL  
SUMMARY

Extensive, successful RESULTS in cost reduction and problem solving as well as in organizing and operating total Quality/Reliability functions.

EDUCATION    Graduate work - Operations Research, University of Dallas, Dallas, TX  
Bachelor Degree - Management and Economics, Rollins College, Winter Park, FL  
Associate Degree - Electronics and Communications, DeVry Tech. Inst.,  
Chicago, IL.

EMPLOYMENT HISTORY

January 1973 to Present: GTE-Sylvania, Jackson, MS

Senior Product Development Engineer (January 1973 to Present)

Responsible for converting a full line of low voltage power transformer designs into STANDARDIZED COST EFFECTIVE PRODUCTION items, and for providing full engineering liaison to Manufacturing, Purchasing, and Marketing.

November 1969<sup>\*</sup> to April 1972: Telex Communications Division, Minneapolis, MN

Director, Quality/Reliability (May 1970 to April 1972)

Directed and improved the entire Quality operation in this 5-plant division, which produced a variety of tape decks, hearing aids, audiometers, headsets, and audio entertainment systems. Responsibility also included the Metrology Lab.

Senior Engineer (November 1969 to May 1970)

Responsible for learning the overall division operations while providing engineering liaison to all plants, modifying and improving existing products.

August 1967 to October 1969: Vought Aeronautics (LTV-Aerospace), Dallas, TX

Supervisor, Avionics Procurement Quality Engineering (December 1968 to October 1969)

Responsible for organizing and supervising a Quality Engineering Section charged with assuring the acceptability of over \$150,000,000 in airborne and ground electronic equipment purchased annually from U.S. and Foreign sources.

Specialist, Quality/Reliability Engineering (August 1967 to December 1968)

Responsible for organizing and supervising a Corrective Action Engineering Group which INVESTIGATED, DEFINED, and RESOLVED extraordinary avionics problems affecting the A-7 aircraft programs.

June 1957 to June 1967: Martin-Marietta, Orlando, FL

Specialist, Quality Engineering (June 1964 to June 1967)

Responsible for defining, proposing, negotiating, and directing complete Quality Programs on small business contracts with NASA and the Military Agencies. Included among the NASA contracts was sub-system for SATURN-APOLLO moon flights.

1074 511

CONFIDENTIAL RESUME

George R. Eagle

Page 2

Group Engineer, Quality Planning-PERSHING Project (June 1963 to June 1964)

Responsible for planning and scheduling overall PERSHING Quality Department activities for over 1000 people. Responsibilities included periodic negotiations with the MICOM customer at Redstone Arsenal. Supervised 30 people in this task.

Senior Engineer, Quality Planning & Test (June 1960 to June 1963)

Responsible for Quality Test Planning and conductance and Quality Facilities Planning and Provisioning for the PERSHING Program. Supervised 8 people in this task.

Senior Engineer, BULLPUP Quality Department (June 1957 to June 1960)

Responsible for Quality Planning and testing on BULLPUP Project from R & D through production.

REMARKS      SAMPLE ACCOMPLISHMENTS

GTE-Sylvania      (1) Accomplished over \$200,000 in annual cost reductions.  
                         (2) Solved a serious noise problem in power transformers.  
                         (3) Designed and implemented a statistical test for establishing the normal distributions of transformer sound levels.

TELEX              (1) Developed and improved the entire Quality operation including the Metrology Lab, and wrote a Divisional Quality Manual.  
                         (2) Salvaged from loss a contract valued at \$1,000,000 annually.  
                         (3) Patented a special endless-loop tape cartridge for use in airplane entertainment systems.

Vought Aeronautics

Resolved an off-shore vendor problem which had been causing unreliable equipment operation plus schedule delays estimated to be costing Vought tens-of-thousands of dollars.

1074 312

Robert O. Neuendorf  
Quality Assurance Engineer -  
Fluids and Mechanical  
Consumers Power Company  
September 7, 1979

#### Education

Michigan State University, B.S.Ch.E. - 1979

#### Formal Courses and Seminars

Advanced Aspects of Welding Supervision:

- I. Use of Welding Manual
- II. Welding Tests and Welder's Training
- III. Title IX and Other Code Requirements

IOCFR50 App. B, ANSI N45.2 and Daughter Standards,  
QA-PE&C Procedures: Consumers Power In-House - 1979

QA-P&T Training - 1979

QA Auditor Training - Bechtel Power Corp. - 1979

#### Related Experience

1979 (July) - Present - Consumers Power Company  
Quality Assurance Engineer  
Responsible for document review, surveillances and  
audits to verify compliance to controlling documents  
and established procedures.

1976 (June) - 1976 (Sept.) - MPH Inc., Riverside, MI  
Various jobs associated with the manufacture of  
industrial furnaces, including blueprint reading,  
welding, and using an acetylene torch.

#### Professional Societies

American Institute of Chemical Engineers (AIChE)

1074 313

Signed

*Robert O. Neuendorf*

Date

*9/18/79*

-RESUME-

POOR ORIGINAL

Leon J. Hagan  
2924 Avon  
Midland, Michigan 48640

Social Security No: 310-46-4594  
Date of Birth: December 31, 1945  
Citizenship: United States

Education: University of Michigan Ann Arbor, Michigan	B.S. in Nuclear Engineering, December 1977
Northwestern Michigan College Traverse City, Michigan	Pre-Engineering Credit, September 1973 to June 1975

Employment: (summary attached)

<u>Dates</u>	<u>Employer</u>	<u>Position</u>
December 1977 to present	Consumers Power Co 212 W. Main Jackson, Michigan	Associate Engineer- Quality Assurance Department
July 1975 to December 1977	University of Michigan Ann Arbor, Michigan	Mechanic I/Bus Driver
September 1973 to June 1975	Northwestern Michigan College Traverse City, Michigan	Lab Assistant/Tutor
May 1972 to September 1974	Chef Pierre Incorporated Traverse City, Michigan	Electrician/Welder
December 1966 to December 1971	Pitney-Bowes Incorporated Stamford, Conn.	Electro-Mechanical Technician
September 1964 to August 1966	U.S. Navy	Radar Maintenance

Seminars/Courses Attended:

<u>Dates</u>	<u>Title</u>	<u>Presenter</u>
March 24 to 26, 1978	Nuclear Power Reactor Safety Analysis Seminar	Energy Incorporated
May 15 to 17, 1978	Project Control Seminar	Consumers Power Company
May 18, 1978	Effective Procedures Seminar	General Physics Corp.
August 28 to September 1, 1978	Level II-Ultrasonics Course	Krautkramer-Branson
January 17 to 19, 1979	Quality Control Engineering	Michigan State University

1074 314

Seminars/Courses Attended: (cont.)

<u>Dates</u>	<u>Title</u>	<u>Presenter</u>
March 17, 1979	Electrical Energy Availability Forum	American Society for Quality Control (Detroit Chapter)
May 1, 1979	Fundamentals of a Seismic Qualification Program	National Loss Control Service Corporation
May 19, 1979	ASME Section III, Division 1 Seminar	American Society of Mechanical Engineers
January 22 to March 9, 1979	Nuclear Steam Supply Systems -(approx. 140 hours)	Babcock & Wilcox Co.
July 12 and August 23, 1979	Advanced Aspect of Welding Supervision	Consumers Power Co.

1074 315

EMPLOYMENT SUMMARY

**POOR ORIGINAL**

December 1977 to present

Consumers Power Company

Position: Associate Engineer-Quality Assurance Nuclear Operations

At the present I am employed at the Midland Nuclear Power Plant which is under construction. The plant consists of twin 800 MW Babcock & Wilcox reactors and is being constructed by the Bechtel Corporation.

My responsibilities are:

- To review procurement documents for Quality Assurance requirements in support of the plant's spare parts program and to assist the plant in developing a material control program.

- To track and review ASME Code requirements and associated code classes as well as ASTM, IEEE, AWS, and other standards for input to the Quality Assurance Program.

- To review procedures and monitor the plant's Reactor Engineering effort.

- To assist the plant technical staff in reviewing electrical equipment qualifications.

- To assist the plant staff in developing administrative and technical controls for the operations phase lubrication program.

Prior to assuming my present duties I was involved in Document Control Program monitoring and procedure development. I developed an administrative control system to provide management with a computerized printout of categorized work effort for trending and budgeting. I also developed training aids and presented a seminar on project control which included Quality Assurance requirements, critical path methods and implementation of project control computer programs.

July 75 to December 77

University of Michigan

Position: Mechanic I/ Bus Driver

During my attendance at the University of Michigan I worked as a campus bus driver and mechanic in the bus/truck garage. I was responsible for repairing driveline components and for training apprentice mechanics and bus drivers.

September 74 to June 75

Northwestern Michigan  
College

Position: Physics Lab Assistant/Tutor

My responsibilities included setting up lab experiments under the guidance of two physics instructors. I also tutored veterans in math and physics in the evenings.

1074 316



EMPLOYEMENT SUMMARY (Contd)

May 1972 to September 1974

Chef Pierre Inc.

Position: Electrician/Welder - Maintenance Department

My primary responsibilities included installation and maintenance of:

- motor control wiring
- power distribution panels
- conduit and associated wire sizing
- power transformers
- electric motors to 125 h.p.
- materials handling systems
- remote temperature monitors
- refrigeration controls
- lighting systems
- photoelectric controls
- d.c. motor power supplies

I was also responsible for performing welding processes including:

- gas tungsten arc
- shielding metal arc
- brazing

December 1966 to December 1971

Pitney-Bowes Inc.

Position: Electro-Mechanical Technician

My duties included modifying the company's existing control systems for customer applications.

Normally I would interface directly with a customer to determine his needs and would work with the company's technical staff to develop a modification to an existing company design.

The company was involved in the manufacture of electromechanical, logic electronics and fibre optics controls for paper handling and processing machinery.

September 1964 to August 1966

U.S. Navy

Position: Radar Technician

My duties consisted of maintaining shipboard radar systems and for personnel training in these activities.

I was also involved in several operational readiness inspections for other ships. As part of an inspection team, I was responsible for evaluating various departments under wartime conditions.

1074 317

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: 6/18/79

NAME: PRICE RICHARD B.  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 609836

EDUCATION:

High School 2 years, GEORGE LONG High School, SKIPPERVILLE, AL  
2 years Abbeville Christian Academy, Abbeville, AL

WORK HISTORY:

FROM SEPT 78 TO MAY 79

TOMPKINS BECKWITH & SONS, INC. (TAFT, LA)

QUALITY CONTROL MECHANICAL INSPECTOR LEVEL II

FROM JUNE 75 TO SEPT 78

DANIEL CONST. CO. OF ALABAMA (DOTHAN, AL)

QUALITY CONTROL MECHANICAL/WELDING ENGINEER LEVEL I

FROM JUNE 74 TO JUNE 75

DANIEL CONST. CO. OF ALABAMA (DOTHAN, AL)

QUALITY CONTROL WELDING ENGINEER AIDE. LEVEL I

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: 6/18/79

NAME: KRAMER RICHARD A  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 609909

EDUCATION:

FOUR yrs. High school - Graduated 1972

FOUR yrs. COLLEGE (EASTERN ILL. UNIVERSITY)

B.S. Secondary Education 1976

WORK HISTORY:

from: 8/1/76 Baldwin ASS. NUCLEAR CONTRACTOR,

TO : 1/29/78 CLINTON I, CLINTON ILL.

Position: LEVEL II RECEIVING INSPECTOR.

from: 1/29/78 TOMPKINS-BECKWITH INC, NUCLEAR CONTRACTOR

TO : 5/31/79 WATERCORN - II, TAFT LA.

Position: LEVEL II PIPING - mech INSPECTOR (1yr 2mo)

Position: QUALITY CONTROL ENGINEER (.3mo)

1074 319

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: Aug. 15<sup>th</sup>, 1979

NAME: AKBAR ALI  
(LAST) (FIRST) (INITIAL)

EMPLOYED NO. 637124

**POOR ORIGINAL**

**EDUCATION:**

FINISHED MY HIGH SCHOOL FROM MADRAS-1-ALIYA-INDIA IN 1964  
IN JUNE 1965  
JOINED OSMANIA UNIVERSITY, INDIA FOR B.Sc (MEC) AND FINISHED  
IN DEC. 1970. JOINED OSMANIA UNIVERSITY FOR M.A. IN JUNE 1971  
FINISHED IN JUNE 1973. JOINED NORTHWESTERN STATE  
UNIVERSITY OF LOUISIANA, NATCHITOCHEES USA. IN AUG 1973 AND  
FINISHED M.Sc (INDUSTRIAL ELECTRONICS TECHNOLOGY) IN DEC 1974

**WORK HISTORY:**

JOINED WALBAR MACHINE COMPANY OF CANADA - CANADA.  
LTD DIV I IN JAN 1975. WORKED AS INSPECTOR.  
DUTIES INVOLVED INSPECTION OF PARTS AT DIFFERENT  
STAGES USING MICROMETER, VERNIER CALIPERS, DIAL GAUGES  
AND COMPARATORS. (THEY MANUFACTURED TURBINE BLADES)  
FOR AIRPLANES. WORKED HERE TILL JUNE 1977.  
JOINED JAMSHED IRON & STEEL CO. INDIA FROM  
MAY 75 TO AUG. 77. WORKED AS JUNIOR MECHANICAL  
ENGINEER DUTIES INVOLVED INSPECTION OF SPECIALIZED  
DESIGN PRODUCTS LIKE STEEL TANK EQUIPPED WITH  
HEATING & COOLING ARRANGEMENTS, BUS BODIES & CUSTOM  
BUILT ORDERS. DRAWING & LAY OUT AS PER CUSTOMERS  
SATISFACTIONS. (FABRICATION FIRM)  
JOINED FRAZIER BUILT, HOUSTON, TEXAS. FROM  
JAN 75 TO MARCH 75. WORKED AS ENGINEERING ASSISTANT  
DUTIES INVOLVED SUPERVISION OF WORKSHOP OPERATIONS  
ESPECIALLY PIPE FITTINGS FOR POWER REELS USED IN  
OFF SHORE DRILLING, CUSTOM BUILT BUS BODIES FOR  
OFF SHORE DRILLING PURPOSES. (FABRICATION FIRM)

1074 320

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: 9 July 1979

NAME: Cruz Jesse P  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 637205

EDUCATION:

HIGH SCHOOL GRAD - 1960  
U.S. NAVY - STEAM DRIVEN MACH.  
CARPENTER App. 4 YRS. 1967-1971  
BECHTEL WELDING SCHOOL - STICK & HELI-ARC.

WORK HISTORY:

PIPEWELDER - NUCLEAR PLANT 1 yr.  
CARPENTER FOREMAN NUCLEAR PLANT 2 YRS  
CARPENTER FOREMAN HEAVY INDUSTRY 5 YRS

10/4 521

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: 2/16/79

NAME: C. R. L. Waller P  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 637 457

EDUCATION:

High School GRAD 1957  
END Super & Management. Lincoln Inst. 1974  
END Tech Tech. Luzerne Co. Community 1978  
PA Certified Soil ANAL #00657 1975  
PA Private Pilot. 1974

WORK HISTORY:

3yrs WOL Limbach Pa. Schule #2-RT-pt-Ht.  
5yrs WOL Air Prod & Chem Schule #2 RT-PT-Ht.  
2yrs. Kitten Air prod & Chem  
5yrs Union Carp.  
10yrs Self Employed Home Bldg.



WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: \_\_\_\_\_

NAME: Anderson Timothy O  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 967726

**POOR ORIGINAL**

EDUCATION:

1955 to 1963 8YRS Maiden Rock Elementary  
Diploma Received (Maiden Rock Wisc).  
1963 to 1965 2YRS Ellsworth SR High  
(Ellsworth Wisc).  
1968 to 1969 St Paul Mechanic Arts  
High (St Paul Minn) (GED Diploma).

WORK HISTORY:

1972 to 1973 X-Ray Eng CO.  
Level II technician.  
1973 to 1975 Meyers Industries  
QC inspector  
1975 to 1976 Auto Mechanic / Carpenter  
1976 to present Bechtel power  
QC Eng.

1074 523

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: 8-6-79

NAME: Glatz, Louis F  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 637627

EDUCATION:

High school graduate, June 1958 (diploma)  
Received diplomas from the following military schools  
while in the Air force. Plumbing School, Nov, 1958  
Petroleum Tank Cleaning School, Sept. 1964 Air  
National Guard NCO Academy, May, 1973. Aviation Fuels Monitoring  
Mar 1976, Fuels Accounting School, Feb, 1978

WORK HISTORY:

Worked as a plumber in The Air force from Nov 1958 To  
Nov 1960. I cut, bent, Threaded and installed pipe. Used  
pipe dies and tap for cutting internal and external Threads in  
pipe. Tapped water mains under pressure. Installed  
hot water heating systems.

Worked as a Fuels Distribution Maintenance Specialist  
from Dec 1960 to Nov 1966. Repaired pipelines, systems  
Components such as pumps, valves, strainers, water  
separators and micron filters. I have removed,  
overhauled and replaced deepwell turbine pumps and  
replaced mechanical seals in pumps up to 1,000 gal. per  
minute.

Worked as a Fuels Technician for The Air Guard from  
Dec 1966 To Jun 1979. Accounted for fuels, Oils and  
lubricants, maintained fuels dispensing systems and was responsible  
for the quality control of aviation fuels dispensed from  
the fuels system. Recorded inspection results of maint-  
enance performed on the systems and the results  
of the fuel quality tests on the applicable forms.

DATE: 2 AUG 79

NAME:

ROBBINS WILLIAM  
(LAST) (FIRST)A.  
(INITIAL)EMPLOYEE NO. 637749

## EDUCATION:

GRAMMAR: KIMBALL UNIT SCHOOLS; PORT HURON, MICHIGAN 48060  
HIGH SCHOOL: MARYSVILLE H.S.; MARYSVILLE, MICHIGAN 48040  
COLLEGE: FERRIS STATE COLLEGE; BIG RAPIDS, MI 49307 - A.A.  
COLLEGE: SAGINAW VALLEY STATE COLLEGE; UNIVERSITY CENTER MI. - B.S.  
COLLEGE: MID-MICHIGAN COMMUNITY COLLEGE; HARRISON, MI.

## WORK HISTORY:

3/78 to 6/79 Alden B. Dow Assoc.; Midland, MI.  
mechanical designer: HVAC, plumbing  
and fire protection  
1/77 to 3/78 Brown Machine Co.; Beaverton, MI.  
designer/engineer: R&D, machine  
design and development  
2/68 to 12/76 Dow Chemical Co.; Midland, MI.  
designer: plant layout and design,  
instrumentation and electrical design.  
8/67 to 2/68 Richards-Wilcox Mfg Co.; Aurora, Illinois  
sales engineer: sale of company's  
products and engineering services.

10/4 525

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: Aug 3, 1979

NAME: Earp Gerald W.  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO: 637732

EDUCATION:

Completed High School thru 12th grade.  
Completed 25 months schooling in basic  
and semi advanced electronic theory  
and practice. Also 5 months on GE 400  
Computer Systems. 5 years apprenticeship in  
Plumbing + Pipefitting. 9 weeks in stick & heli-arc  
welding.

WORK HISTORY:

Worked and trained in the Plumbing  
field from 1969 - 1974. Joined Local 339,  
Plumbers + Pipefitters, Coffeerville Kansas in  
1969. The next 1 1/2 years worked as  
a pipefitter with 5 contractors (Chemico,  
M.M. Sundt, Stearns-Rogers twice, and  
Bechtel.) Took my first welding test early  
1976 thru Stearns-Rogers (passed). My  
last eight employers & positions have been  
as follows: Stearns-Rogers, welder;  
Worldwide Construction Services, Pipefitter;  
Austin Building Inc, welder; Kendall Inc,  
welder; Worldwide Const. Services, pipefitter;  
Bechtel Power Div., pipefitter 7 mos.; Bechtel  
Power Div., welder 6 mos.; Bechtel Power  
Div., Q.C. Engineering. This completes  
my work record up to this present  
date.

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: 9-7-79

NAME: CAMPBELL, MURRAY B.  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 637805

EDUCATION:

Registered Professional Engineer (California #1263)  
with many course hours in nondestructive  
testing and other quality related subjects.

WORK HISTORY:

Over seventeen years in quality engineering  
functions, including inspection, test, non-  
destructive examination, review, surveillance  
and audit activities. Six years in procurement  
quality control and eleven years on  
engineering / construction projects which  
include fourteen nuclear power plants and  
other petrochemical, power, mining,  
transportation, and civil facilities.

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: 8/10/79

NAME: Kelly Michael J  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 637854

EDUCATION:

High school No College some Tech schools  
During High school, Auto Mech 3yr, Electronics 1yr  
Mech Drawing, Drafting + Blue Print reading 3yr. Basic  
Metals 1yr. Navy schools dur'g my 7 1/2 yr. Naval  
Tour. C-1 Nuc Welding; Q.A. school, Radiation  
Control, + Preventive Maintenance + Management.

WORK HISTORY:

One year as a Auto Mech. with Pirotte Motors of  
Freemont CA. Then I enlisted in the Navy in  
4/72. I got into the Navy Nuclear Power. prog.  
in 73. Where I worked in Maintenance + Repair  
of Nuc Power Plants on Submarines. Where  
I performed several different types of tasks.  
I was a Nuc welder + Pipe Fitter, Then I became  
a Q.A. Inspector, also a Safety Inspector.  
I Then was Transferred To Idaho Falls ID.  
where while I was in the Navy I worked  
for Westinghouse At The Naval Reactor  
Facility, where I welded + Performed  
Quality Control tasks such as Inspections.

10/4 328



WORK HISTORY SUMMARY  
(A-JAN 1980)

DATE: 8/28/77  
EMPLOYEE NO. 638267

NAME: SWEET GERARD P  
(LAST) (FIRST) (INITIAL)

POOR ORIGINAL

EDUCATION:

Graduated Woodward High School, Port Huron,  
Michigan College, Port Huron, St. Clair County,  
Washington County, Michigan State, for 2 years  
Courses in Detroit, Michigan State,  
Metal Processing, St. Helens, Lincoln, Port  
Huron #190 Welding School

WORK HISTORY:

1968-1973 APPRENTICE & JOURNEYPERSON  
Local #190, Port Huron Welding  
1974-76 - Instructor, St. Clair County  
Subsidiary  
1976-77 Instructor, Port Huron, Michigan  
1977-78 Welding Tech, Foster Welding  
Factory Corp

1074 329

WORK HISTORY SUMMARY  
(A-LAB RESUME)

NAME: Plante Neil ✓  
(LAST) (FIRST) (INITIAL)

DATE: 9/18/79

EMPLOYEE NO. 643092

EDUCATION:

Monistigue High School, Monistigue, Mich graduated June 1967  
Ferris State College, Big Rapids, Mich, graduated March  
1970 with A.A.S. degree in Highway Technology

WORK HISTORY:

June 1967 thru Sept 1969\* - Michigan Dept. of State Highways,  
Design, Construction, & Traffic Divisions (\* Between College  
Sessions)

March 1970 thru Jan. 1973 - Ludington Pumped Storage Project,  
Ludington, Mich., EBASCO Engineering Corp, Embankment  
inspector and office engineering staff

May 1973 to Feb 1975 - Midland Project, Units 1&2, Midland,  
Mich., Bechtel Power Corp, Quality Control, Ass't Fld eng.  
Level II General administrative, Level I civil

Feb 1975 to June 1979 - Limerick Generating Station,  
Pottstown, Pa, Field Engineering Dept. - Field Engineer  
responsible for supervising survey crews & activities

June 1979 to Present - Midland Project, Units 1&2, Midland,  
Mich., Bechtel Power Corp, Quality Control,  
General administrative Level I assigned to  
Documentation Review Group

1074-330

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: Aug 2, 1979

NAME: Pendergast, Richard  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 637676

EDUCATION:

High School Diploma, Nuclear Power School U.S. Navy,  
Oxygen and Nitrogen Production U.S. Navy, Various  
QC + QA courses U.S. Navy, Nuclear Power School  
U.S. Army, Various Correspondence Courses dealing  
with instrumentation and electrical distribution of  
Power Plants

WORK HISTORY:

1964-1972 (U.S. Navy) - Operation, Maintenance and  
Supervision of conventional Shipboard Power Plants,  
Operation, maintenance and supervision of Oxygen and Nitrogen  
Producing Plants, Operation, maintenance and supervision of  
Shipboard Nuclear Power Plants, Inspection and testing of  
conventional and Nuclear Power Plants 1973-1974 - Shift  
Engineer of Operating Steam Boiler Plant 1974-1975 (Wheeling  
Pittsburgh Steel) Shift Engineer of Operating Steam Boiler  
Plant. 1975-1979 (U.S. Army) Operation and maintenance  
of Diesel power generation plants, Inspection and testing  
of coal, oil and gas fired power generation plants, Calibration  
and testing of power plant control instrumentation,  
Infrared survey of electrical power distribution systems,  
conduction of Electrical load management surveys,  
GAS, Helarc and TIG welding of various metals

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: 7/13/79

NAME: Peters Robert G  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 609941

EDUCATION:

Charlton Area High School, Charlton, PA. Diploma 1963  
West Virginia University, Morgantown, W.V. - 1964-1967  
Total Credits - 97  
Major: Physics  
Minor: Math

WORK HISTORY:

Prior to Bechtel, previously employed by L. K.  
Samstock, P.O. Box 1094, Monroe, Mich. Q. C. Electrical  
Inspector: Level II Qualifications: Cable tray inspection,  
equipment installation inspection, conduit inspection, wire pull  
inspection, Termination inspection. (2/17/78 to 6/15/79)  
Bethis Atomic Power, West Mifflin, PA 15122 Nuclear Technician:  
CLASS II Acquired knowledge in Procurement of materials,  
process accounting, verification and documentation of materials  
used and stored. Also did Quarterly, Semiannual, and Annual  
physical inventories. Also, specialized processing skills.  
Security clearance: "C" (1/5/70 to 9/30/77)  
Union Local I.B.E.W., Greensburg, PA Cable T.V.  
Lineman: Foreman Acquired Experience in blue  
print reading and specialized dexterity skills.  
(10/15/67 to 12/31/79)

WORK HISTORY SUMMARY  
(A-IAB RESUME)

DATE: 9-4-79

NAME:

Jones Robert E.  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 638291

EDUCATION:

U.S. Navy - Apprentice  
Electrical Trade School  
Wayne State University  
Electronic School  
M.E. Code School -  
High School

WORK HISTORY:

33 years AT Electrical Construction  
4 years U.S. Navy - Electrician  
18 years G.M. Corp. - Controls & Construction  
8 years Electrical Construction with  
VARIOUS Contractors  
3 yrs - Self employed Electrical Contractor

1074 333

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: 9-5-79

NAME: CRIMENS JOHN F  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 638023

EDUCATION:

I went to High School in Russell Mich until 1958  
at which time I quit (12TH GR) and joined the Navy. I  
soon realized my mistake and took a G.E.D. test which  
was recognized by my school for a diploma. In 1974 I  
enrolled at St. Clara Community College and took one year  
of Electronics.

WORK HISTORY:

my first job was as a electrician's helper, with Poir Electric  
in 1961. I worked in that discipline until I received my journeyman  
card in 1966. I remained a journeyman with Poir until the  
company was dissolved due to the death of the owner in 1971.  
I then took a position with F. F. E. Electric as a Electrical  
Supervisor. My duties were everything from signing  
payroll checks to bidding jobs and supervising the  
field electricians. I left F.F.E. Electric in 1976  
because my pay did not increase with the  
responsibility and growth of the company. I then was  
hired by the Budd Co. as a construction electrician.  
I worked for the Budd Co. until late 1977, at which  
time I started my own company (J. Crimens  
Electric, Co.) I ran my company until the  
day I started working for Biechtel Corp.



WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: 7/12/79

NAME: MANN EDWARD E  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 637213

EDUCATION:

COMPLETION OF PRIMARY GRADE THRU GRADE 12. MAJOR  
IN ACADEMIC COURSE - ARCHITECTURAL DRAFTING. FOUR YEAR  
APPRENTICESHIP IN ELECTRICAL CONSTRUCTION & MAINTENANCE -  
LOCAL UNION # 3 - I. B. E. W. - CLASS A JOURNEYMAN.  
COMPLETION OF STUDIES IN: <sup>(A)</sup> HI VOLTAGE THEORY & CABLE  
SPLICING <sup>(B)</sup> TELEPHONE SYSTEMS <sup>(C)</sup> RIGGING - LOCAL # 3

WORK HISTORY:

ELEVEN YEARS IN ELECTRICAL CONSTRUCTION AT  
VARIOUS LEVELS & POSITIONS. TOTAL OF 2 1/2 YRS.  
POWER HOUSE WORK IN VARIOUS POSITIONS. MOST  
OTHER WORK ON LARGE COMMERCIAL PROJECTS.  
TOTAL OF 3 1/2 YRS. IN SUPERVISORY POSITIONS IN  
ELECTRICAL CONSTRUCTION. TOTAL OF 4 YRS. APPRENTICESHIP

10/4 555

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: 7-25-79

NAME: DREW KENNETH G  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 637279

EDUCATION:

ST MARK'S SCHOOL 8YR'S BOSTON, MASS  
DORCHESTER HIGH SCHOOL 4YR'S BOSTON, MASS  
FRANKLIN INSTITUTE 2YR'S BOSTON, MASS  
WENTWORTH INSTITUTE 1YR BOSTON, MASS

WORK HISTORY:

I have worked in electrical construction  
on various phases of the industry since  
August 1958. Holder of Massachusetts  
JOURNEYMAN LICENSE #E14771. Since  
September 1963. HAVE HELD POSITIONS  
of APPRENTICE, JOURNEYMAN, FOREMAN,  
GENERAL FOREMAN. ALSO SITE MANAGER IN  
SAUDI ARABIA. WORKED ON NUCLEAR  
Plant's here at Midland MI AND AT  
Joliet, Illinois. Fossil Plant's in Boston.  
ROSETON, New York. Salem, Mass.

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: 9/24/79

NAME: SIEGEL KIM E  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 637368

EDUCATION: Meridian Senior High - Diploma 1977

WORK HISTORY: 10/4/78 - 11/18/79 60% Pipefitter - Bechtel  
5/20/79 & 7/11/79 40% Pipefitter - Bechtel

1074 557

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: 9/24/79  
EMPLOYEE NO. 637295

NAME: STARK MICHAEL A.  
(LAST) (FIRST) (INITIAL)

EDUCATION:

HIGH SCHOOL DIPLOMA - COLLEGE PREP. COURSES  
MIDLAND HIGH SCHOOL (1973-1976)  
MICHIGAN TECH. UNIV. - CIVIL ENG. MAJOR  
(1976-1978) DID NOT GRADUATE.

WORK HISTORY:

N/A

1074 338

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: 9/8/79

NAME: SERCU JAMES G  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 637302

EDUCATION:

GRADUATED BRECKSVILLE SENIOR HIGH, BRECKSVILLE  
OHIO 6/75. ATTENDED OHIO STATE UNIVERSITY  
9/75 TILL 6/78; SCHOOL OF ARCHITECTURE 9/76-6/78  
ATTENDED DELTA COMMUNITY COLLEGE 10/79  
TILL 5/79 GENERAL STUDIES.

WORK HISTORY:

6/78 TILL 12/78 AESCHILLMAN BUILDERS, MIDLAND, MICH.  
RESIDENTIAL CONSTRUCTION  
GENERAL LABORER. PROMOTED TO ASSISTANT  
CARPENTER. DUTIES: BACKFILL IN AND AROUND  
HOUSES, GRADING OF DRIVEWAYS, SIDEWALKS,  
BASEMENT AND GARAGE FLOORS. RESPONSIBLE  
FOR CONCRETE FORMING OF GARAGES, DRIVEWAYS,  
SIDEWALKS, STEPS, AND PORCHES. RESPONSIBLE  
FOR INSTALLATION OF FIBERGLASS INSTALLATION  
IN HOUSES. BECHTEL QUALITY CONTROL:  
TWO MONTHS ON-THE-JOB TRAINING IN  
POST TENSIONING UNDER THE SUPERVISION  
OF PAUL VANDERVEER, LANE MAY AND  
RICK HARVEY

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE:

9/24/79

EMPLOYEE NO. 637298

NAME:

(LAST)

(FIRST)

(INITIAL)

D.

JOHN

KERR

EDUCATION:

1976 B.S. CIVIL ENGINEERING - Southeastern Mass. University  
1974 A.S. CIVIL/STAFF ENG. - Blue Hills Tech. Institute  
1972 High School Diploma - Norwood High School

WORK HISTORY:

Bechtel Power Corporation - Project Midland Units 1 & 2  
Position - Quality Control Engineer

Perini Corporation - Project - Bloomington Lake Dam  
Position - Field Engineer - Duties included layout

inspection, and testing of earth and concrete  
for entire project. Also purchased misc. items  
in accordance with spec to be installed in dam  
structures.

Gilbert/Commwealth - Position - Associate Civil Engineer

Duties - Designed many systems and structures  
and both nuclear and fossil fueled power plants.  
Also performed many studies to prove feasibility  
of power plant cooling systems in accordance with  
Reg. Guides. In addition designed many

traditional civil engineering items (i.e. roads,  
parking lots, pipelines, foundations, etc.).

10/4 340



WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: 9/24/79

NAME: Shaw, Patrick J.  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 637538

POOR ORIGINAL

EDUCATION:

Four years of high school, Maumee Sr High,  
Maumee, Ohio. Bowling Green State  
University, Bowling Green, Ohio. 32 hrs  
left for a B.S. Chemistry.

WORK HISTORY:

Two Seasons as a carpenter, building of  
home units.  
Bowmer Marked Testing Labs, Dayton Ohio  
Soils and cement work, limited chemical  
analysis on waters, cement and soils. (2 yrs)  
Toledo Testing Labs Inc., Toledo, Ohio.  
Extensive chemical analysis on metals, soils  
cement and waters. Graded as a  
Level I Tech. for work on the Davis  
Besse Nuclear Power Plant, Port Clinton,  
Ohio. Water and air analysis  
for EPA standards compliance. Destructive  
and nondestructive weld examination.  
Start up and ~~the~~ supervision of cement  
physical testing lab.

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: Sept 21, 1979

NAME: Murdoch, Robert S.  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 637927

EDUCATION: High school graduate - Clare High School, Clare Michigan  
Ferris State College- Optical Technology, Big Rapids, Mich  
Mid-Michigan Comm. College, Harrison, Michigan

WORK HISTORY: Michigan Sate Highway Department: Field technician for  
Testing and Reasearch, in this capacity I tested soil,  
road gravel, concrete aggregate, batch plant inspection for  
concrete and some blacktop plant inspection. I was also  
quality control on clearing and grubbing and sod and fence  
work operations.

U.S. Testing Co: Lab technician for six months. During  
this time I preformed tests on sand, concrete aggregate,  
RD's on sand samples, proctors on clay materials, concrete  
cylinder capping, specific gravities on sand and clay.

The last three months I worked for this company, I was a  
level LL lead on days, I was responsible for all required  
tests done in the lab and the disposition on all related  
paperwork.

10/4 542

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: 9/24/79

NAME: Gelnett Timothy J  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 637365

EDUCATION:

- MILTON AREA SENIOR High School - Grad - 1975  
MILTON, PA. 17347
- Lycoming College B.A. - Grad - 1979  
Williamsport, PA. 17701 MAJOR - BUSINESS

WORK HISTORY:

Full Time Student until employed by Bechtel.

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: 9-25-79

NAME: REDLER RONALD T.  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 637546

EDUCATION:

Graduated from ALBION HIGH SCHOOL, ALBION NEBR.  
NON-DESTRUCTIVE INSPECTION COURSE TA/455 (400 HRS)  
CHANUTE A.F.B. ILL.

40 HR REFRESHER COURSE IN NDE, NEBR. TESTING LAB, OMAHA NEBR.  
60 HR REFRESHER COURSE IN NDE, PEABODY TESTING, MIDLAND, MICH.

WORK HISTORY:

SIX YEARS EXPERIENCE IN U.S.A.F. WORKING IN  
Q.C. AND NDE DOING BOTH VISUAL AND NDE TYPE TESTING  
ON AIRCRAFT AND GROUND SUPPORT EQUIPMENT.  
TWO YEARS WITH NEBRASKA TESTING LAB AS A LEVEL II  
UT, RT, MT, PT, WORKING MOSTLY IN CONSTRUCTION WITH SOME  
NUCLEAR IN SERVICE INSPECTION, I ALSO DID SOME Q.C.  
TYPE WORK ON WATER TOWERS WORKING TO AWWA.  
TWO YEARS EXPERIENCE AT THIS JOB SITE AS A DAY  
SHIFT SUPERVISOR FOR PEABODY TESTING WORKING  
AS A LEVEL II IN ALL PHASES OF NDE

10/4 STA

WORK HISTORY SUMMARY  
(A-LAB RESUME)

DATE: September 1, 1971

NAME: Falkenberg, Phillip E.  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 527691

POOR ORIGINAL

EDUCATION:

BS Degree - Major Industrial Management 1954

Utah State University

Certificate - National Security Management 1974

Industrial College of the Armed Forces

WORK HISTORY:

1952 - 1954 - U.S. Navy-Machine Mate - USS DEWEN 00794 - Korean Combat

1954 - 1955 - General Motors Chevrolet Div. - Lansing, MI.

1955 - 1958 - Utah State University, Logan, UT. Worked summers

Good Construction Co. Gas Piping Foreman Service

connections.

6/58 - 3/67 - Thiokol Chemical Corp. Vehicle Div. Brigham City, UT.

Senior Field Service Engineer - R&D Field Test Service

Responsible for solving field failures or product difficulties originating at Cape Kennedy or Vandenberg - A.F.B.

Performed laboratory tests assigned as a Test Pilot

Representative. Supervised all field testing

modification plans. Initially worked as an Assistant

Project Manager, conducted technical liaison between

Thiokol & the Minuteman Associate Contractors.

4/67 - 7/79 - Bell Aerospace Textron Buffalo, N.Y. - Supervisor Quality

Assurance Engineering - Responsible for all Quality Assurance functions & activities. This assignment involved the

direction and supervision of twelve engineers, including

two field test sites and a two-shift operation at Bell's

POOR ORIGINAL

Wheatfield Facility. Activities directed were: Material Review Board, Customer Acceptance, Work Instruction-Documentation Development, Functional Testing, Supplier Control, Process Certification & Control, Special Test and Inspection Equipment, Quality Control & Fabrication Trouble-Shooting, plus Failure Analysis. Management Responsibilities included: Manpower and Material Forecasting, Proposal Development, Contract Fact Finding, Contract Program Manager and Major Problem Management Committee Membership were also a part of this assignment.

8/79 - DPC, SFPD, AAO Quality Assurance - Senior Quality Assurance Engineer  
Present Quality Programs: Responsibilities include coordinating responses to client and NRC concerns plus special projects/assignments, etc.

1074 346



WORK HISTORY SUMMARY  
(A-LAS RESUME)

DATE: September 4, 1979

NAME: Seve, Robert E.  
(LAST) (FIRST) (INITIAL)

EMPLOYER NO. 570417

**POOR ORIGINAL**

EDUCATION: June 1959 - Graduated Houghton High School; Houghton, MI

August 1963 - Graduated Michigan Technological University with B.S.

- WORK HISTORY:
1. Sept. '63 - March '68: Junior Civil Engineer, Assistant Engineer,  
inspection of Civil Works Projects - Department of Water Resources,  
State of California - Oroville Project Area.
  2. July '68 - Oct. '73: Office Engineer, Resident Project Engineer,  
inspection and supervision of Civil Works Projects - U.S. Army Corps  
of Engineers - Detroit District - Saginaw Project Office.
  3. Oct. '73 - March '74: Instructor - Adult Education - Sarnia Public  
Schools - Michigan Department of Education.
  4. March '74 - Present: Quality Assurance Engineer, Field and  
at Limerick and Midland Nuclear Generation Stations -  
Bechtel Power Corporation - San Francisco and Ann Arbor, Michigan.

1074 347

WORK HISTORY SUMMARY  
(A-LA8 RESUME)

Date: September 4, 1979

NAME: Yee, Raymond  
(LAST) (FIRST) (INITIAL)

EMPLOYEE NO. 707117

**POOR ORIGINAL**

EDUCATION:

1. Stephen's Elementary School, Detroit, MI
2. Burroughs Junior High School, Detroit, MI
3. Cass Technical High School, Detroit, MI
4. Wayne State University, Detroit, MI (No Degree)
5. University of Michigan, Ann Arbor, MI (BSME)

WORK HISTORY:

1. 3/72 to Present - Bechtel Power Corporation, AAG, Quality Assurance Engineer in the Ann Arbor Office, working on the Fatigue Project. Field Quality Assurance Engineer at the Midland jobsite.
2. 10/73 - 1/79 - Bechtel Engineers, Inc., Ypsilanti, MI. Electrical Engineer, worked on interfacing of a programmable controller with the diesel generator and the emergency power system.
3. 3/76 to 9/78 - Bechtel Associates Power Corporation, AAG. Field Quality Assurance Engineer at the Arkansas Nuclear One, Inc. Electrical Engineer at the Ann Arbor Office, worked on the lighting system and design of control schematics for the Midland Unit 1 & 2 Project.
4. Ellis/Macyser Associates, Warren, MI. Electrical Engineer, designed lighting, power, and communications systems for Industrial Commercial buildings.
5. J. A. Parks & Associates, Detroit, MI. Electrical Designer/Craftsman. Designed and drafted electrical systems for Industrial buildings.

1074 348

## RESUME:

William A. Willman  
R. R. 2, Box 802  
Mt. Vernon, Indiana 47620  
Phone 812-985-2814

POOR ORIGINAL

AGE AND MARITAL STATUS: 34, married, two children

DATE OF BIRTH: November 18, 1944

EDUCATION: Graduate - North Posey High School  
Attended University of Evansville and Indiana State  
University of Evansville

PLACE OF EMPLOYMENT: Babcock & Wilcox Company  
Highway 69 West  
Mt. Vernon, Indiana 47620

PRESENT DUTIES: Quality Control Section Supervisor responsible for Inspection, Gauge Laboratory and NDE activities. Also, administration, planning and budgeting of the same. Source Inspector of B&W supplied equipment in the United States and Japan. Responsible for training and qualification of inspectors to meet latest requirements of the ASME Code. Also, provide field service assistance for the installation of B&W equipment.

QUALIFICATIONS: Certified Level II in Magnetic Particle, Liquid Penetrant and Ultrasonic Inspection Methods. Qualified as Dimensional, Optical and Gauge Lab Inspector. Qualified as an ASME Welder. Experienced in Quality Assurance auditing, procedure review and approval, and record documentation.

## EXPERIENCE:

June 1975 to April 1977 Manufacturing Superintendent responsible for production on a three-shift basis. Production included hand and auto welding, hand and auto grinding, burning, plate forming, fit-up, layout and the assembly of nuclear vessels and piping. Responsible for three shift foremen, six welding supervisors, six fit, weld and grind supervisors, and 120 hourly employees.

May 1972 to June 1975 Inspection Manager responsible for the management of dimensional and optical inspection and Gauge Control Laboratory on a three-shift basis. Qualified nondestructive testing in the field of liquid penetrant, magnetic particle, radiography and ultrasonic. Performed Quality Assurance audits at vendor plants for compliance to contract requirements.

January 1972 to May 1972 Inspection Foreman responsible for inspection activities assuring customer requirement to specifications and drawings. Traveled as required to resolve site problems at nuclear power stations and source inspected raw material for compliance to requirements prior to shipment.

POOR ORIGINAL

October 1967 to  
January 1972

Inspection Supervisor, Naval Nuclear Program, responsible for dimensional and optical inspection. Supervised seven hourly inspectors. Worked with MIL-Q-9858A, MIL-I-45208A, NAVSHIPS 250-1500-1 and other government specifications.

July 1964 to  
October 1967

Hourly Inspector performing dimensional inspection duties using all types of precision measuring equipment. Also performed magnetic particle and liquid penetrant inspections to the ASME Code.

April 1963 to  
July 1964

Manual Metal Arc and Auto Welder. Qualified to the ASME Code all position welding both manual and TIG. Operated automatic tube welder.

#### TRAINING COURSES AND TECHNICAL SCHOOLS:

- K.E. Optical Course
- Perkin-Elmer Laser Training
- Federal Gauging Program
- True Position and Tolerance Training
- Kodak School for Industrial Radiography
- NAVSHIPS Technical Study Program
- Basic Metallurgy Course
- Management Finance and Control
- Magnetic Particle, Liquid Penetrant and Ultrasonic to NAVSHIPS 250-1500-1
- Better Methods
- Managerial Grid (Scientific Methods, Inc.)

#### MILITARY EXPERIENCE AND TRAINING:

1964-1970 - National Guard - Six months active duty at Fort Sill, Oklahoma. Five and one-half years reserve meetings and summer camp drills. Staff Sergeant (Section Chief) on both 105 and 155mm Howitzer. Responsible for eleven men and all equipment.

#### CURRENT COMMITTEES:

ASNT Visual and Dimensional Committee

Immanuel United Church Long-Range Planning Committee

1074 350

T E Kane

BIRTH: 8-16-50 Chi.

ELEMENTARY: St. Thomas More Chi.

HIGH: St. Lawrence High School Burbank

TRADE SCHOOL:

2 years Washburn

2 years Kennedy Electronics - Electronics Blue Print layout work

Member IBEW 11 years

EXPERIENCE:

Employed by local #134 IBEW in all phases of construction and maintenance work for various contractors. From 1968 - 1972, I served my schooling and on-the-job training. All electrical work must be precise and I saw to it that my work and the work performed by men working for me was always installed properly.

In 1976 I worked as a Boilermaker for 10 months and it was there that I learned welding and working with various industrial materials.

In July of 1977 I started working for B&W Construction as an Erector. My first job was at a commonwealth Edison Power Plant in Morris, Illinois. There my duties were to see to it that all phases of work, welding, X-Ray, fit-up, erection, insulation were all done properly and I had to inspect all of that work to construction drawings and procedures. I worked on that job for over one year. I since worked as an erector on six other jobs and all of the jobs were power houses and like my first B&W job, I had to see to it that I inspected all work to be sure that it was done in a neat and workman like manner and that all steps of the work done met with all the codes and requirements necessary.

1074 351

NAME: Charles E. Bowen

SOCIAL SECURITY NUMBER: 430-38-8080

BIRTH: 6-5-26

ELEMENTARY SCHOOL: Tinsman Ark.

HIGH SCHOOL: Tinsman Ark.

TRADE SCHOOL: Sheet Metal Trade School, 4 years Sheet Metal work.

EXPERIENCE:

Worked for Ketcher & Co Sheet Metal from 1946 to 1950.

F. H. McGraw Company from 1951 to 1954. Worked in field supt. office, Sheet Metal Foreman and Supervision of all phases of metal work.

B&W Construction Company 1961 to 1967. Insulation & Lagging Inspector.

Denver Sheet Metal Local #9 1967 to 1969, all kinds of sheet metal work.

1969 until present, B&W Construction Company, Renville, Minnesota, Big Stone City, South Dakota, Gillett, Wyoming, and Morris, Illinois, which consisted of boiler erection, insulation and lagging inspection, duct work welding, and inspection to construction drawings and procedures.

1074 352



CHARLES A. GWIN

373 Delft Drive  
Midland, Michigan 48640  
Marital Status: Single  
Birthdate: 10-16-47

Home Phone: (517) 496-3873  
Work Phone: (517) 839-9933  
SSN: 550-74-1158

EDUCATION

College of Marin  
Kentfield, California

1973

Associates Degree  
Major: Social Science  
Minor: Machine Tool Technology

Hiram Johnson High School  
Scaramento, California

1965

College Prep

MILITARY

U. S. Army Reserves

1966-1972

Occupational Speciality:  
Explosives & Demolitions  
Honorable Discharge

EXPERIENCE

Zack Company  
Midland, Michigan

2-79 to Present

Quality Control Engineer Certified  
Level II per ANSI Standard N45.2.5  
Paragraph 3.1.2.

Duties performed include reviewing documentation and visual inspection on in-coming construction material pertinent to HVAC. Material includes miscellaneous hangers, duct pieces and applicable dampers and equipment. Maintaining an equipment control log itemizing periodic maintenance of owner furnished equipment per applicable specifications. Duties also encompass in-process and final inspections of all "Quality" related work, supported with corresponding documentation.

Bechtel Power Corporation  
Midland, Michigan

1976-1979

Quality Control Engineer (Receiving)  
Certified Level I per ANSI Standard  
N45.2.6 Paragraph 3.1.1.

Primary emphasis upon miscellaneous metals, i.e.: Pipe restraints, rupture supports, embedded metals and structural members. Duties performed included reviewing vendor documentation to ensure compliance with purchase order requirements and applicable specification (A.S.T.M. and A.S.M.E.). Reviewing vendor drawings for correct dimensions and configurations.

Bechtel Power Corporation  
Berwick, Pennsylvania

1974-1976

Field Engineer (Civil)  
Turbine Building

Duties performed included calculating all civil quantity take offs for elevated slabs, walls, and footings in Turbine Building. In addition, take offs included miscellaneous embedded and non-embedded metals (stairways, decking, grating, slab frames and wall penetrations). Duties also encompassed concrete reinforcing steel take offs and cold weather concrete curing, and receipt inspection of non "Q" items.

1074 353