

CONSUMERS POWER COMPANY

Report #5, March 29, 1974

Pursuant to Conditions 2.F.B. and 2.F.C. of Construction Permits CPPR-81 and CPPR-82. Covering the period April 1 - June 30, 1974.

A. Construction work to be performed during the period April 1 - June 30, 1974.

APRIL 1974

Containment #2

1. Concrete placement of containment base slab.
2. Erect and begin welding first lift of liner plate.
3. Begin placement of post tensioning embedded metal.
4. Begin placement of reinforcing steel required for exterior wall concrete.
5. Continue prefabrication of second lift of liner plate.

Containment #1

1. Complete prefabrication and installation of #18 base slab reinforcing steel (bottom mat).
2. Continue installation of the #18 base slab reinforcing steel (top mat).
3. Begin prefabrication of the primary and secondary thickened liner plate.

Turbine Building #2

1. Complete the concrete placement of the condensate area duct banks.
2. Install 96" and 72" circulating water pipe in the condensate sump area.
3. Complete the concrete placement of the condensate sump to el. 606' - 3".
4. Complete excavation required for the turbine pedestal.

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Auxiliary Building

1. Erect structural steel in the south half.
2. Concrete placement of the south wall pilaster.
3. Concrete placement of the interior walls in the south half of the auxiliary building from el. 568' - 0" to el. 584' - 0".

MAY 1974

Containment #2

1. Continue the welding of the first lift of liner plate.
2. Continue installation of the post tensioning embedded metal.
3. Begin concrete placement of the exterior wall.
4. Continue prefabrication of the second lift of liner plate.
5. Continue welding the floor liner plate.

Containment #1

1. Continue installation of the top mat of the base slab reinforcing steel.
2. Continue prefabrication of primary and secondary shield wall thickened liner plate.

Turbine #2

1. Begin installation of the turbine pedestal formwork and reinforcing steel.

Auxiliary Building

1. Install embedded drain piping in the slab at el. 584' - 0" (south half).
2. Concrete placement of the south half of the slab at el. 584' - 0".

3. Concrete placement of the interior walls in the north half to el. 584' - 0".
4. Erect structural steel in the north half at el. 584' - 0".
5. Set 96" pipeway from Auxiliary Building to the Turbine Building.

JUNE 1974

Containment #2

1. Complete the welding of the first lift of liner plate.
2. Begin erection of the second lift of liner plate.
3. Continue the concrete placement of the exterior wall.
4. Continue welding the floor liner plate.

Containment #1

1. Continue installation of the base slab reinforcing and thickened liner plate.

Turbine #2

1. Concrete placement of the slab at el. 584' - 0" in the north side.
2. Erect structural steel for the slab at el. 599' - 0" in the south half.
3. Install embedded drain piping in the slab at el. 599' - 0" in the south half.
4. Concrete placement of the slab at el. 599' - 0" in the south half.

- B. Supervisors and engineers of the Applicant and Architect-Engineer with quality-related duties who are expected to be on site during the period April 1 - June 30, 1974.

1. Consumers Power Company - No change from last report.
2. Bechtel Power Corporation

The following Bechtel Power Corporation supervisors and engineers are expected to be on site in addition to the personnel with quality-related duties identified in previous reports.

a. Quality Control

| | |
|----------------|---|
| J. H. Tice | Acting Assistant Project Field Quality Control Engineer and Lead QC Mechanical Engineer |
| R. E. Uhouse | Assistant QC Engineer (Civil) |
| G. L. Gillie | Assistant QC Engineer (Civil) |
| D. C. Thompson | Acting QC Lead Electrical Engineer |
| R. H. Moray | QC Receiving Engineer |
| A. L. Boulden | QC Lead Welding Engineer |
| W. O. Howe | QC Welding Engineer |
| J. F. Gibson | QC Welding Engineer |

b. Quality Assurance

1) Located at the Site

| | |
|-----------|----------------------------|
| W. J. Key | Quality Assurance Engineer |
|-----------|----------------------------|

2) Located in Home Office and on site and involved with this project only for special audits.

| | |
|--------------------|--------------------------|
| J. D. Laurie | QA Management Audit Team |
| L. J. Grant | QA Management Audit Team |
| J. (NMI) Milanalin | QA Management Audit Team |
| R. E. Allen | QA Management Audit Team |
| V. E. Matson | QA Management Audit Team |
| B. D. Hackney | QA Management Audit Team |
| R. C. Stanley | QA Management Audit Team |

3. U. S. Testing personnel with quality related duties on site only to replace Consumers Power Company Quality Assurance personnel during the time the latter are off site to attend training sessions.

E. J. Zadina ,

C. A. Sheridan

J. B. McAvoy

A. J. Walcutt

- C. Quality assurance qualifications of supervisors and engineers with site-related duties during the period April 1 - June 30, 1974:

Statements of qualifications of all the individuals listed in "B" above are attached hereto.

- D. Changes

1. Consumers Power Company - No change from last report.
2. Bechtel Power Corporation

On March 11, 1974, W. F. Holub replaced J. I. Dotson as Project Quality Assurance Engineer (located in the Ann Arbor office).

Mr. Dotson is now assigned to the staff of the Ann Arbor Quality Assurance Supervisor.

Additions to or deletions from the list of supervisors and engineers with quality-related duties who are to be on site during the report period will be noted on the next report together with a description of their quality assurance qualifications. All of the individuals named in "B" above had site-related duties during the period January 1 - March 31, 1974.

JAMES H. TICE
LEAD PIPING AND MECHANICAL QC ENGINEER

Mr. Tice's education encompasses, high school and a number of job related courses. Mr. Tice has most recently been employed as the Lead Piping and Mechanical Quality Control Engineer at Peach Bottom Nuclear Generating Station. There he assisted the P.F.Q.C.E. in the supervision of inspection and documentation required by the specification's and procedures. Previously, he was an inspector of construction at the John F. Kennedy Space Center; the last 5 years at the Space Center as supervisor of Quality Control.

Mr. Tice has (15) fifteen years in construction Quality Control.

Robert E. Uhouse
Bechtel Power Corporation
Quality Control Engineer

Mr Uhouse is a High School Graduate with an Associate Degree in Civil Engineering Technology from Alfred State College, Alfred, New York.

Mr. Uhouse joined Bechtel Power Corporation in July of 1973 as a draftsman in the Civil and Plant Design Section of the Ann Arbor Office, transferring to the Quality Control Section at the Midland Site in February 1974. Since arriving at the Midland Site, Mr. Uhouse has received extensive training in Cadweld Inspection, Protective Coatings Inspection, and Review of Reinforcing Steel Mill Certs and Test Reports. Mr. Uhouse has also received training in the Inspection Planning Concept in use at the Midland Site.

Prior to joining Bectel, Mr. Uhouse served two years in the United States Marine Corps., working as a construction laborer, and mechanic.

Gregory L. Gillie
Bechtel Power Corporation
Quality Control Engineer

Mr. Gillie joined Bechtel Power Corporation on January 9, 1974. He is a High School Graduate with three years of college and an Associate Degree in Applied Science.

Prior to joining Bechtel, Mr. Gillie was employed in various aspects of the Automotive Field, including Repairman, Service Writer, Trouble Shooter and Inspection of Engine Block Castings.

Since joining Bechtel Power Corporation, Mr. Gillie has received intensive training sessions and on the job training in Cadweld Inspection. Mr. Gillie also attended a three day seminar on Protective Coatings presented by Mr. Ken Tator of Keane Tator Associates and received on the job training in Protective Coatings at the Midland Job Site.

Douglas C. Thompson

Lead Electrical Quality Control Engineer
Bechtel Power Corp.

Mr. Thompson is a graduate from Coyne Electrical and Technical School with a Certificate in Electrical Power and National Electrical Code, Lowry Technical Training Center, USAF, with a Certificate in Electronics and Radar. He has 6 years experience in Quality Control with the United States Air Force and Bechtel Power Corp.

Mr. Thompson was recently assigned the duties as Assistant and now Lead Electrical Quality Control Engineer at the Peach Bottom Nuclear Power Generation Station and Midland Project, Job #7220. At Peach Bottom he assisted the LEQCE in supervision, documentation and inspection of the Electrical Group activities and equipment installation. Mr. Thompson, as a Field Engineer at the Pilgrim Nuclear Power Generation Station, had the duties of installation and check-out of electric components for ESS and RPS, and Quality Control per the Field Inspection Manual.

Robert Alan Moray
Quality Control Receiving Inspector
Bechtel Power Corporation

Education: B.A. degree in Business Administration from Michigan
State University

Military: Separated from Army with rank of Sergeant in the Combat
Engineers

Work: Three years work for Linsey & Co., now the mechanical division
of J.A. Jones, at the Donald C. Cook Nuclear Power Plant.
Positions held with Linsey include Fittings Warehouse Controlman,
Valve Expeditor, Asst. Materials Control Supervisor, Pre-
operational Engineer, Field Engineer (Turbine Bldg) and
Q.A. Engineer.

A. L. Boulden
Lead Quality Control Field Welding Engineer
Bechtel Power Corporation

Mr. Boulden is a high school graduate with some college courses. He has 16 years welding experience in various processes and metals. He also had 6 years supervision experience with craft personnel dealing primarily with welding and NDE related work.

Mr. Boulden has most recently been employed as a Lead Quality Control Field Welding Engineer at the Peach Bottom Nuclear Power Plant in Delta, Pennsylvania. There he directed the activities of the Quality Control Welding Engineers in their daily activities for inspection, surveillance and documentation of all the field welding and NDE activities. He has had experience in Liquid Penetrant, Magnetic Particle, and Radiograph interpretation, and is presently qualified as a Level II for Bechtel on Liquid Penetrant.

Wynn O. Howe
Senior Field Quality Control Welding Engineer
Bechtel Power Corporation.

Mr. Howe attended Colorado A & M College (now Colorado State College) as an Industrial Arts Major, Mechanical Engineering Minor. He is a member of the American Society for Quality Control and has more than twenty years experience in the field of Metallurgical Joining, most of which has been highly quality oriented. He has more than three years experience in the field of Nuclear Power Generation.

Mr. Howe was most recently employed as Principal Engineer in the Engineering Management and Quality Assurance Unit of the Maritime reactors Section of the Nuclear Power Generation Division of the Babcock and Wilcox Company. He was responsible for the development and implementation of Configuration Management and Quality Assurance Programs and related procedures and documentation.

Previously he developed and implemented a Quality Assurance and Control Program and the Manual which obtained the ASME "N" and "NPT" stamps and the State of Michigan Installers License for Liversey and Company, Inc., a subsidiary of the J. A. Jones Construction Company. Prior to this, Mr. Howe was employed for nearly fifteen years by the Boeing Company where he achieved the status of Research Engineer in the Metallurgical Joining Department of the Materials Technology Unit. His duties involved: Design Consultation relative to all welding, brazing, soldering, and metallurgical bonding activities performed within the company or by suppliers to the company, Development of Design Allowables, Development of Process Control Specifications, Development of Acceptance Criteria Standards, Liaison activities between design and production personnel both within the company and with suppliers to the company.

His most recent contribution to the Boeing Company was the development and implementation of an "in-place welded" hydraulic line joint for the 747 airplane, the only commercial aircraft in the world using this weight saving and leak free connection.

J. F. Gibson
Quality Control Engineer
Beehtel Power Corporation

Mr. Gibson graduated from the University of San Francisco with a B.S. in Business Administration, and has 35 years welding experience.

Mr. Gibson has most recently been employed as Assistant Lead Quality Control Field Welding Engineer at the Peach Bottom Nuclear Power Plant in Delta Pennsylvania. There he assisted in directing the activities of the Quality Control Welding Engineers in their daily activities for inspection, surveillance and documentation of all the field welding and NDE activities. He has had experience in Liquid Penetrant, Magnetic Particle, and Radiograph Interpretation, and is presently qualified as a Level II for Bechtel on Liquid Penetrant.

January 29, 1974

Resume of
William J. Key:

Mr. Key joined Bechtel Corporation January 21, 1974 as a Senior Quality Assurance Engineer in the Power Division. He has been assigned to the Midland Project.

After a twenty-two (22) year naval career, Mr. Key spent two (2) years as a non-destructive testing technician at Westinghouse Electric Marine Division.

This was followed by five (5) years as a mechanical and non-destructive testing inspector with the state of California Department of Water Resources.

Mr. Key is a member of the American Society of Non-Destructive Testing, and has been qualified as a level II inspector in radiography, ultrasonic, magnetic particulate and liquid penetrant methods of inspection.

January 14, 1974

Name

Position Title

Qualifications

J. D. Laurie

Senior Quality
Assurance Engineer

Mr. Laurie joined Bechtel in December, 1972 as a Senior Quality Assurance Engineer/Audit Team Chairman.

He attended Ball State University and Indiana Institute of Technology, majoring in Engineering.

His work experience includes fourteen (14) years as an engineer. Since 1967 he has been involved in NSSS pressure vessel manufacturing and nuclear power plant construction as a Material and Welding Engineer, Quality Control Engineer and Quality Assurance Engineer.

January 17, 197

Name

Position Title

Qualifications

L. J. Grant

Senior Quality Assurance
Engineer

Mr. Grant joined Bechtel in January, 1973 as a Senior Quality Assurance Engineer at the San Francisco office. He was assigned to the Limerick Nuclear Plant Site in June, 1973.

He is a graduate Civil Engineer, with Professional Registry in California and Colorado.

His work experience includes eleven (11) years as an engineer. Since 1963 he has been involved in design and construction engineering of pumping plants, dams and power plants.

January 18, 1974

Name

J. Milandin

Qualifications

Joined Bechtel as Supervisor of QA Management Auditing October, 1973.

BSEE Tulane University 1951. Westinghouse Bettis Reactor Engineering and Shielding Design Schools and Nuclear Engineering Short Courses at UC Berkeley 1957.

Previous experience: 18 years with Ingalls Shipbuilding Nuclear Submarine Program in the Nuclear Power Organization as Nuclear Production Superintendent (2 years), Test Engineer (2 years) and Director Nuclear Quality Assurance (14 years).

January 10, 1974

Resume of
ROY E. ALLEN

Mr. Allen joined Bechtel in November 1971, as a Senior Quality Assurance Engineer at the FFTF site in Richland, Washington. He was reassigned to the Arkansas Nuclear One plant site at Russellville, Arkansas in April 1972. In August 1973 he was moved to San Francisco as Project Quality Assurance Engineer for the Boardman Nuclear Project.

Prior to coming with Bechtel, Mr. Allen held the positions of Inspection Supervisor in the aircraft industry, Quality Control Supervisor for Martin Marietta Corp. involved in construction of Titan I Missile Sites, and Quality Control Reliability Engineer for Catalytic-Dow at the Kennedy Space Center.

Mr. Allen has completed numerous college level courses in electronics and the NASA School of Quality and Reliability Assurance. His experience encompasses approximately 18 years experience in quality and reliability.

RESUME OF
Verron E. Matson

Mr. Matson joined Bechtel Power and Industrial Division in December of 1971 as Lead Welding Engineer for the Centralia, Washington project, responsible for all welding and Nondestructive Examinations. In August of 1972, he transferred to the San Francisco Home Office as a Senior Welding Engineer for M, F&QCS and presently his duties consist of special assignments by the Field Welding Services Group, and acting as a member of the Q.A. Nuclear Audit Team for the majority of Bechtel's Nuclear projects.

Mr. Matson was previously employed by the Ralph M. Parsons Company as a Field Welding Engineer.

Mr. Matson attended Concordia College from 1954 through 1956, majoring in Business Administration and received specialized training courses in Nondestructive Testing. He is currently a Level II in Radiography, Liquid Penetrant, etc. and is in the process of being appointed to Level III.

Mr. Hackney joined Bechtel in October, 1973, as an Engineering Specialist in the Materials Fabrication and Quality Control Services Department and is presently assigned as Engineering Supervisor of the Fabrication and Quality Control Services Section. Primary responsibilities include:

1. MF&QCS audits of conventional and nuclear power plant-sites.
2. Prepare and maintain Bechtel QC Manuals.
3. Perform analysis of site related failures.
4. Participate in ASME Code activities and maintain Bechtel's position before the ASME and AEC in MF&QCS area of interest.

Positions held by Mr. Hackney prior to joining Bechtel include welder, Welding Engineer, Materials Engineer, Manager of Fabrication Engineering and QA and Manager of Engineering spanning a period of 15 years in the Nuclear Industry.

Mr. Hackney graduated from San Jose State College in 1962 with a Bachelor of Science Degree in Materials Engineering.

Mr. Stanley joined Bechtel in March 1972 as a Senior Metallurgical Engineer in the Materials, Fabrication and Quality Control Services Department. His assignments in this department have included:

- (1) Member of Audit Team for ASME Nuclear Components at audits of Bechtel nuclear construction sites. (Sixteen such audits through December 1973).
- (2) Audit of supplier's plants.
- (3) Failure analysis of power plant equipment.
- (4) Assist suppliers to resolve manufacturing problems.
- (5) Review of supplier's welding and manufacturing procedures for compliance with Code and Bechtel requirements.

Positions held by Mr. Stanley prior to joining Bechtel include Supervisor of Metallurgical Engineering, Supervisor of Manufacturing Engineering, Research Engineer, and Manufacturing Engineer, in the industrial equipment, aerospace, and automotive industries.

Mr. Stanley graduated from Michigan Technological University in 1952 with a Bachelor of Science degree in Metallurgical Engineering.

RCS/lmh

PROFESSIONAL RECORDZADINA, EGON J.

Quality Assurance Project Supervisor

ACADEMIC TRAINING

| | | |
|------|------------------------------|---------------------------------------|
| 1955 | City College of New York | BME |
| 1956 | George Washington University | Courses in Business Administration |
| 1960 | City College of New York | MME - Nuclear Engr. Major |

Various short courses in Engineering, Quality Assurance,
Statistical Quality Control and Reliability

EMPLOYMENT RECORD

| <u>Dates</u> | <u>Company</u> | <u>Position</u> |
|--------------|-------------------------------|---|
| 1973 | United States Testing Company | Quality Assurance Project Supervisor |
| 1970-1973 | American Electric Power Co. | Q.A. Engineer |
| 1965-1970 | George G. Sharp Inc. | Project Engineer |
| 1963-1965 | New York Naval Shipyard | Asst. Q.A. Manager |
| 1955-1963 | New York Naval Shipyard | Project Engineer |

PROFESSIONAL EXPERIENCEU.S. Testing

Developed and assisted in the implementation of Q.A.
Program for F.R. Harris Inc.; designers of the Atlantic
Generating Station breakwater and mooring system.

Served as Operations Q.A. advisor to Public Service
Electric & Gas Co. (N.J.) Manager of Nuclear Operations.

Consultant to Baltimore Gas and Electric for Calvert Cliffs Nuclear Power Station Operations Q.A. and Manager of U.S. Testing field group which serves as the initial Operations Q.C. staff for Calvert Cliffs.

Developed structural materials testing Q.A. Program for U.S. Testing's services to Bechtel Corp. on Midland and Susquehanna Nuclear Power Plants.

On-site testing programs involve reinforcing rod and rod splice testing, concrete testing and soil testing.

American Electric Power

Served as assistant to the Manager of Q.A. Developed, implemented and audited various portions of the design, procurement and construction phase Q.A. Programs for this utility's first nuclear power plant. Typical construction phase audits were concrete, reinforced rod, piping, and containment liner. Initiated, developed and implemented the D.C. Cook Nuclear Power Plant Operations Q.A. Program.

George G. Sharp Inc.

Engaged in the preliminary and contract design of commercial and naval ship power plants systems. Performed engineering studies for power plants. Supervised mechanical detail design and procurement of piping systems for commercial special cargo ships. Assigned to Nav Sec Washington D.C. for 6 months.

New York Naval Shipyard

Developed, implemented and executed shipyard wide Q.C. and Q.A. program for the design, construction and testing of naval ships.

Supervised detail design and procurement of power plant auxiliary systems for three multi-shaft ships. Engaged in performance testing of power plants. Supervised design and testing of prototype piping systems, specified welding requirements. Served as cognizant engineer for turbine, pumps and regulating valves.

Engaged in the preliminary design of guided missile installation and handling systems at Nav Sec Washington D.C. for one year.

MEMBER: American Society of Quality Control

AUTHOR: Electrical World Magazine Article Entitled
"What Q.A. Means to Utilities" Sept. 1973.

LICENSE: Professional Engineer, New York State, 1960

PROFESSIONAL RECORDSHERIDAN, CHARLES A.

Quality Assurance Engineer

ACADEMIC TRAINING:

Cornell University - Industrial Relations Arbitration

Rutgers University - Grievance Handling

Rockland Community College - Management Skills,
Supervisory Skills in Modern Management
Administration of Human ResourcesEMPLOYMENT RECORD:

| <u>Dates</u> | <u>Company</u> | <u>Position</u> |
|----------------|---------------------------------|----------------------------------|
| 1972 - Present | United States Testing Co., Inc. | Quality Assurance Engineer |
| 1969 - 1972 | Phelps Dodge Cable and Wire | Quality Assurance Superintendent |
| 1967 - 1969 | Wilcox & Gibbs Company | Supervisor of Field Engineering |
| 1964 - 1967 | Wilcox & Gibbs Company | Technical Supervisor |
| 1955 - 1964 | Wilcox & Gibbs Company | Manufacturing Supervisor |

PROFESSIONAL EXPERIENCE:United States Testing Co., Inc.

Mr. Sheridan specializes in quality assurance system evaluation and fabrication engineering. His responsibilities include contractor quality control and assurance surveillance, evaluation of materials, welding and fabrication applications at vendor facilities and Nuclear Power Plant Construction Sites.

Phelps Dodge Cable and Wire

Manufacture of high voltage power cable. Mr. Sheridan's duties as Q.A. Superintendent included supervision and responsibility for material inspection, final testing, customers representatives and certified test reports.

Wilcox & Gibbs Company

Supervisor of field engineering, responsibilities included equipment design development and field testing of new and improved automatic machinery using mechanical hydraulic and electrical systems, trouble shooting and evaluation of customers' complaints.

Supervised scheduling, production, quality control, cost control of high value, close tolerance components. Responsible to vice president of manufacturing.

Supervised 45 men. in manufacturing, heat treating, welding, brazing, hand finishing, tumbling, inspection, milling, turret lathe, drilling, precision grinding, assembly, punchpress, painting, tool making.

PROFESSIONAL AFFILIATION

Chamber of Commerce, Nyack, N.Y.
Industrial Management Club of Rockland County

PROFESSIONAL RECORDMC AVOY, JOHN B.

Quality Assurance Engineer

ACADEMIC TRAINING

High School Graduate

Rutgers University - Two Years

St. Peter's University - Two Years-
B.S. in Biology
Chemistry -MinorSpecial Courses - Statistical Quality Control,
Inspection & Testing of Materials, Safety Courses
(2 years) and Advanced Purchasing Techniques.EMPLOYMENT RECORD

| <u>Dates</u> | <u>Company</u> | <u>Position</u> |
|-----------------|--|--|
| 1972 to Present | U.S. Testing Co., Inc. | Quality Assurance Engineer |
| 1970 to 1972 | Ecological & Environmental Improvement Inc. | Project Manager |
| 1940 to 1970 | Curtiss Wright Corp., Curtiss Division | Purchasing, Industrial Relations Metallurgical |

PROFESSIONAL EXPERIENCEU.S. Testing Co., Inc.Assigned to Indian Point Nuclear Generating Plant -
Con Edison. Responsible for quality control of
operations to verify and document that established
procedures were followed.



UN ID STATES TESTING COMPAN INC.

Assigned to Three Mile Island Nuclear Generating Plant - Met. Ed & Jersey Central Power & Light as Lead QC/QA Vendor Surveillance Co-ordinator responsible for assignment and direction of Vendor Surveillance QC Representatives. Liason with Engineering, Purchasing, Q.A.Engineering and Expediting Departments.

Ecological & Environmental Improvement Co.

Project Manager: Dredging Operation, Clearing, cleaning and deepening a 12 mile section of the Pompton River, New Jersey

Responsible for procuring, scheduling and directing hevi-duty construction equipment and manpower. Verify specification and contract obligations were being met.

Curtiss Wright Corporation, Curtiss Division

Outside Expeditor & Buyer-Purchasing liason representative for vendors and sub-contractors. Responsible for investigating, resolving and insuring positive corrective action of manufacturing and quality problems. Examined facilities, evaluated capabilities and exchanged information to enable them to strictly adhere to our Quality and Delivery requirements.

Safety Engineer- Plan, control, supervise all functions necessary to maintain a complete Industrial Accident Prevention program in accordance with existing Federal and State Rules and Regulations.

Test Engineer -Metallurgical Laboratory- Responsible for testing of all materials received, both raw and finished to determine their compliance with applicable specifications. Maintained and calibrated all physical test equipment. Held Air Force Supervisor's Inspection Certificate for Magnetic Particle Inspection, established magnaflux & Radiography Procedures.

PROFESSIONAL RECORDWALCUTT, ANDREW J.

Quality Assurance Engineer

ACADEMIC TRAINING

Florida Institute of Technology
B.S. in Oceanography with Minor
in Mechanical Engineering

Graduate 1973

EMPLOYMENT RECORD

| <u>Dates</u> | <u>Company</u> | <u>Position</u> |
|-----------------|----------------------------|--------------------|
| 1973 to Present | U.S. Testing Company, Inc. | Q.A. Engineer |
| 1967 - 1973 | Various Companies | Supporting College |

PROFESSIONAL EXPERIENCEUnited States Testing Company, Inc.

Assigned to Boston Edison's Pilgrim Nuclear Station during maintenance outage. Duties involved surveillance of maintenance operations for compliance with approved procedures and inspection check-points.

Assigned to Con Edison's Indian Point Nuclear Station 1 & 2 during routine maintenance and repair operations. Surveillance scope included refueling operation, fuel inspection, welding procedures, welder qualification, fitup certifications and documentation.