

TERA

September 30, 1983

Mr. James W. Cook
Vice President
Consumers Power Company
1945 West Parnall Road
Jackson, Michigan 49201

Mr. J. G. Keppler
Administrator, Region III
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

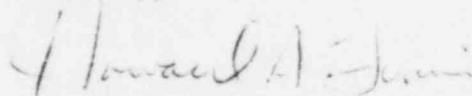
Mr. D. G. Eisenhut
Director, Division of Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Docket Nos. 50-329 OM, OL and ⁵⁰⁻³³⁰50-030 OM, OL
Midland Nuclear Plant - Units 1 and 2
Independent Design and Construction Verification (IDCV) Program
Transmittal of Resumes

In accordance with Melanie Miller's request of September 27, 1983, resumes are being submitted for John Richardson, Robert Phillips, William Capps, and David Rumrill. These resumes should be inserted in the Midland Project Quality Assurance Program, Appendix C.

Please contact me if you should require clarification or further information.

Sincerely,



Howard A. Levin
Project Manager
Midland IDCVP Program

cc: L. Gibson, CPC
F. Buckman, CPC
D. Miller, CPC (site)
B. Palmer, CPC (site)
J. Taylor, NRC, I&E HQ
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Midland IDCVP Service List

2021
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Attachments

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**SERVICE LIST FOR MIDLAND INDEPENDENT DESIGN
AND CONSTRUCTION VERIFICATION PROGRAM**

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U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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799 Roosevelt Road
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Mr. Paul Rau
Midland Daily News
124 McDonald Street
Midland, Michigan 48640

JOHN D. RICHARDSON
Project Manager

Education

M.B.A. Business Administration, Mississippi College
B.S. Electrical Engineering, Louisiana State University
Graduate Studies Electrical Engineering, Arizona State University

Summary of Experience

Mr. Richardson has over ten years of diverse engineering and engineering management experience. He has supervised nuclear power plant operations and training at a naval prototype and a commercial nuclear power plant. He also has extensive utility management experience in licensing, safety and engineering analysis, corporate health physics, emergency planning, and environmental programs.

1983 - Present Principal Nuclear Engineer, TERA Corporation.

1976-1983 Manager of Nuclear Safety and Licensing, Mississippi Power and Light Company. Responsible for all licensing and permitting activities with regulatory agencies, including safety and engineering analysis to support resolution of licensing issues. In addition, responsible for corporate health physics, emergency planning, and environmental programs. Utility representative on several industry sponsored owners groups, and functioned as Chairman of the Mark III Hydrogen Control Owners Group and Chairman of the Mark III Containment Issues Owners Group.

Operations Supervisor, Mississippi Power and Light Company. Responsible for the initial staffing and training of the Operations Section and the development of the operations program for twin 1250 Boiling Water Reactor Plants. Overall management of Operations Section concerning all matters of plant operation during initial preoperational testing.

Assistant Operations Supervisor, Mississippi Power and Light Company. Scheduled and coordinated operations activities including preparation and review of procedures, technical specifications, and software prepared to support start-up, licensing and plant operations. Participated in the SRO cold license operator training program and was certified SRO at the Morris, Illinois, Dresden Simulator.

Shift Supervisor, Mississippi Power and Light Company. Supervised and trained operators in preparation for NRC licensing. Performed operations review of plant systems and licensing issues. Prepared software to support startup, licensing and plant operations, including system descriptions and lesson plans used in licensed operator training.

1974-1976 Nuclear Plant Engineer/Acting Shift Supervisor, Westinghouse Electric Corporation. Qualified Engineering Officer of the Watch (EOOW), Nuclear Plant Engineer, and Shift Supervisor at a dual reactor naval prototype (AIW). Supervised plant operation and training of naval and civilian personnel.



1973-1974 Electronic Design Engineer, Motorola, Inc. Design, fabrication and testing of state-of-the-art satellite communications systems.

Professional Registration and Affiliations

Registered Professional Engineer, Mississippi
Institute of Electrical and Electronic Engineers
National Society of Professional Engineers

ROBERT D. PHILLIPS
Associate Welding Engineer

Education

B.S. Chemistry, St. Bernard College, Cullman, Alabama

Additional Training Courses in Industrial Radiography (Radiological Safety Gamma Industries, Inc.), Basic Ultrasonic Testing (Krautkramer Corporation), Weld Inspection (Krautkramer Corporation), and completion of Non-Destructive Training Program (Law Engineering Testing Company).

Summary of Experience

Mr. Phillips has 25 years of project experience in structural shop fabrication, bridge shop fabrication, and shop fabrication of pressure vessels and nuclear containment vessels. He has participated in the shop fabrication projects (structural) of the Atlanta Stadium, General Electric Company, Georgia Power Company, Cincinnati Sports Stadium, Republic Steel Corporation, General Motors Corporation, Birmingham-Jefferson Civic Center, University of Kentucky Stadium, and the Redstone Arsenal. His involvement pertaining to shop fabrication related to bridges extended to the Illinois Highway Department, Commonwealth of Kentucky, Florida Highway Department, Iowa Highway Department, Arkansas Highway Department and the Alabama Highway Department. His shop fabrication experience with regard to pressure vessels and nuclear containment vessels was gained through projects with the Florida Power & Light Company, Bechtel Corporation, MISCOA, Arkansas Power & Light Company, and Kaiser Aluminum & Chemical Company.

Present Associate Welding Engineer, TERA Corporation.

1958- Present Law Engineering Testing Company, Birmingham, Alabama. At present, acts as Chief Metals Technician, Radiological Safety Officer, ASNT Level III for Metals Inspection Services.

1957-1958 Red Hat Feed Mills, Decatur, Alabama. Involved in chemical quality control.

Certifications

ASNT Level III, Radiographic, Magnetic Particle, Ultrasonic and Penetrant Testing

AWS Certified Welding Inspector

Professional Associations

American Welding Society
American Society for Non-Destructive Testing



TERA CORPORATION

WILLIAM MARCUS CAPPS
Associate Metallurgical Engineer

Education

M.B.A. Business Administration, University of Alabama at Birmingham
B.S. Metallurgical Engineering, University of Alabama

Summary of Experience

Mr. Capps has extensive experience in metallurgy and in both the managing and technical aspects of manufacturing services, specifically in the fabrication of products made from rolled and welded plate.

Present Associate Metallurgical Engineer, TERA Corporation.

1981-
Present Metallurgical Engineer, Metals Branch, Law Engineering Testing Company, Birmingham, Alabama.

1979-1981 Advanced Manufacturing Engineer, Pullman Standard, Bessemer, Alabama.

1973-1979 Manager of Manufacturing Services, Goslin-Birmingham Inc., Birmingham, Alabama. Responsible for technical support to all manufacturing operations in the fabrication of products made from rolled and welded plate.

1973-1975 Part-Time Instructor in Management and Business Administration at Jefferson State Junior College, Birmingham, Alabama.

1970-1973 Research Engineer, American Cast Iron Pipe Company, Birmingham, Alabama. Responsibilities included metallography, physical testing, and experimental research in areas such as effect of alloying elements on physical properties of pipe, internal coatings of pipe, and investment castings.

1967-1970 Quality Control Engineer, Newport News Shipbuilding and Dry Dock Company, Newport News, Virginia.

Registration

Professional Engineer - Alabama

Professional Associations

American Society for Metals
American Society for Non-Destructive Testing - former member and publicity chairman
American Welding Society
Society of Manufacturing Engineering
Materials Handling Institute



TERA CORPORATION

DAVID A. RUMRILL
Associate Construction Engineer

Education

B.A.E. Aerospace Engineering, Georgia Institute of Technology

Additional Training Courses in the TRUMP Program (Training in Radiography, Ultrasonics, Magnetic Particle and Penetrants) - Law Engineering Testing Company; Basic Ultrasonic Testing and Ultrasonic Weld Inspection - Krautkramer-Branson, Inc.; Radiographic Testing and Film Interpretation - Law Engineering Testing Company; Magnetic Particle and Penetrant Inspections - Magnaflux Corporation; Testing and Inspection of Welds and Structural Welding Code - American Welding Society; and Leak Testing - American Society of Non-Destructive Testing.

Summary of Experience

Mr. Rumrill has extensive experience in the management and technical aspects of construction inspection and materials testing, including non-destructive testing. He has been responsible for the supervision of graduate engineers, engineering technicians and staff engineers involved in field and laboratory testing, and is certified in non-destructive testing methods as prescribed by ASNT Recommended Practice ASNT-TC-1A.

Present Associate Construction Engineer, TERA Corporation.

1980-
Present Construction Services Manager, Law Engineering Testing Company, Atlanta, Georgia. Responsible for the management and coordination of construction inspection and materials testing services. Such services are provided by several departments consisting of graduate engineers and engineering technicians engaged in field and laboratory inspection, and testing of foundation installation, earthen structures, soil, concrete and structural steel as related to construction as well as non-destructive testing and evaluation.

1974-1980 Manager, Non-Destructive Testing Department, Law Engineering Testing Company, Atlanta, Georgia. Responsible for the total management, administrative and technical, of a department consisting of staff engineers and engineering technicians engaged in field and laboratory testing, including structural steel inspection, non-destructive testing, weld testing, materials quality testing and evaluation.

1973-1974 Materials Engineer, Non-Destructive Testing, Law Engineering Testing Company, Atlanta, Georgia. Supervised and coordinated activities of non-destructive testing technicians. Certified in non-destructive testing methods (radiography, ultrasonic, magnetic particle and liquid penetrants) as prescribed by ASNT Recommended Practice ASNT-TC-1A.

1969-1973 Laboratory Engineer, General Engineering Laboratories, McDonnell-Douglas Corporation, St. Louis, Missouri. Engaged in fatigue testing of aircraft and subassemblies in the Structures and Dynamics Lab; involved in testing, data processing and computer programming at the Wind Tunnel; and coordinated flight tests, data, and reports in the Flight Test Division.



Certification/Registrations

Professional Engineer, Civil Engineering, State of Georgia

AWS Certified Welding Inspector per AWS QC-I Standard

ASNT Level III (National Exams) R.T., M.T., P.T., U.T., and L.T.

Professional Associations

American Society of Non-Destructive Testing
(Atlanta Section Chairman - 1979/1980; National Director - 1980/1985)

American Welding Society (Atlanta Chapter Chairman - 1980/1981)

Georgia Society of Professional Engineers

American Institute of Concrete