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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

August 17, 1984

Robert Guild, Esq.
c/o Palmetto Alliance
2135½ Devine Street
Columbia, SC 29205

Jesse L. Riley
Carolina Environmental Study Group
854 Henley Place
Charlotte, NC 28207

In the Matter of
DUKE POWER COMPANY, ET AL.
(Catawba Nuclear Station, Units 1 and 2)
Docket Nos. 50-413 and 50-414 OL

Dear Messrs. Guild and Riley:

Yesterday, Mr. Guild informed Staff counsel that you intend to rely on prefiled testimony served in the Shoreham proceeding as Intervenors' statement of detail technical positions, in satisfaction of the Licensing Board July 20, 1984 Order, as clarified in the August 10, 1984 telephone conference.

Although we do not concede that such a statement satisfies the July 20, 1984 Order, the Staff has reconsidered its witness list, and is adding Mr. Paul J. Louzecky as a member of the Staff panel. Mr. Louzecky's statement of professional qualifications is enclosed. The substance of Mr. Louzecky's testimony is the same as indicated for the Staff witnesses already provided.

Sincerely,

George E. Johnson
Counsel for NRC Staff

Enclosure: As stated

cc w/ enclosure: Service list

D507

PROFESSIONAL QUALIFICATIONS

Paul J. Louzecky
1674 Witherbee Road
Troy, Michigan 48084

EXPERIENCE

JUNE 1975 TO PRESENT — ENGINEERED APPLICATIONS CORPORATION - Self-employed consulting engineer.

JUNE 1970 JUNE 1975 — DETROIT DIESEL ENGINE DIVISION, GENERAL MOTORS CORPORATION, DETROIT MICHIGAN.

May 1974 - May 1975 Worked on the design and development of an 8-cylinder, vee, 4-cycle diesel truck engine.

Feb. 1974 - May 1974 Designed a high-pressure, high-speed fuel injection pump for use on a rotary combustion diesel engine.

March 1973 - Feb. 1974 On loan to the Engineering Staff of General Motors Corporation to design and develop a stratified-charge automotive gasoline engine.

Jan. 1971 - March 1973 Supervisor in charge of the engineering and design of three rotary combustion diesel engines.

June 1970 - Jan. 1971 Executive Engineer on the MBT-70 Main Battle Tank Program reporting to the Chief Engineer.

JULY 1963 JULY 1970 — RESEARCH LABORATORIES, GENERAL MOTORS CORPORATION, WARREN, MICHIGAN

JUNE 1963 JULY 1963 — WAUKESHA BEARING COMPANY, WAUKESHA, WISCONSIN

Consulting Engineer; made a market study on the potential market for internal combustion engine bearings.

MAY 1958 JUNE 1963 — NORDBERG MANUFACTURING COMPANY, MILWAUKEE, WISCONSIN

Chief Engineer, Engineering, Installation and Service Departments of the Engine Division. In charge of the engineering and the administrative operation of these departments, which included all design, research, development and testing of new engines as well as improving all production two-cycle and four-cycle diesel, DUAFUEL, TRIFUEL, spark-ignition, and propane engines, both naturally aspirated and turbocharged.

APRIL 1935 – MAY 1958 CLEVELAND DIESEL ENGINE DIVISION, GENERAL MOTORS CORPORATION, CLEVELAND, OHIO

1955 - 1958 Chief Technical Engineer in Charge of Analytical Design, Vibration, Instrumentation, Engineering Welding Design, Welding Repair, Metallurgy, Chemical Laboratory, Instruction Books, and Research and Development Sections.

1951 - 1955 Head of Analytical Design Section and Special Problems Section.

1947-1951 Supervisor of Special Problems Section.

1937 - 1947 Head of Analytical Design Section. Responsible for all stress analysis work on engine design, vibrations, governing, engine performance and electrical power plant systems.

1935 - 1937 Assistant in Analytical Design Section, in charge of all engine stress analysis and related work regarding the designing and development of all types of internal combustion engines and related power plant installation problems.

JAN. 1934 – APRIL 1935 WEATHERHEAD COMPANY, CLEVELAND, OHIO

Assistant in Research Laboratory.

JULY 1933 – JAN 1934 ELECTRIC PRODUCTS COMPANY, CLEVELAND, OHIO

Assistant Chief Draftsman.

EDUCATION

1933 M.S. Mechanical Engineering, Case Western Reserve University. Cleveland, Ohio

1932 B.S. Mechanical Engineering, Case Western Reserve University. Cleveland, Ohio

Graduate Thesis: "Dynamic Flow Characteristics of Molten Lead"

PROFESSIONAL AND TECHNICAL SOCIETY MEMBERSHIP

Registered Professional Engineer, State of Ohio (E-003068); American Society of Mechanical Engineers; Society of Automotive Engineers; Sigma Xi Honorary Science Fraternity.

PATENTS

U.S. Patent No. 2,728,331, "Engine Lubrication and Piston Cooling," December 27, 1955.

U.S. Patent No. 3,177,997, "Electric Clutch and Automatic Starting for Engines," April 15, 1965.

U.S. Patent No. 3,800,179, "Self-Cleaning Spark Plug," March 26, 1974.

U.S. Patent No. 3,861,837, "Liquid Cooled Rotor Housing," January 21, 1975.

U.S. Patent No. 3,877,852, "Rotary Engine Drain Pump Arrangements," April 15, 1975.

Patent on "Rotary Machine Apex Seal."

Patent on "Split Phasing Gear for a Multi Rotor, Rotary Combustion Engine."

U.S. Patent No. 3,945,775, "Rotary Combustion Engine Damped Apex Seal." March 23, 1976.