

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In The Matter of)
)
)
COMMONWEALTH EDISON COMPANY) Docket Nos. 50-454 0L
) 50-455 0L
)
(Byron Nuclear Power Station,)
Units 1 & 2))

AFFIDAVIT OF CORDELL REED

The attached questions and answers constitute my testimony in the above-captioned proceeding. The testimony is true and accurate to the best of my knowledge, information and belief.

Cordell Reed
Cordell Reed

Subscribed and sworn to
before me this 3rd day
of June, 1982.

Thomas J. Jauer
Notary Public

AFFIDAVIT OF CORDELL REED

ON CONTENTION 1

Q.1. State your name and present occupation.

A.1. My name is Cordell Reed. I am the Vice President of Nuclear Operations for Commonwealth Edison Company. I am the corporate officer responsible for the operation of the Company's nuclear power plants, including the Byron Station when it becomes operational. I am also responsible for station nuclear engineering, nuclear fuel services and nuclear licensing activities of the Company.

Q.2. Briefly state your educational and professional qualifications.

A.2. My qualifications are briefly summarized in the one-page attachment to this affidavit.

Q.3. What is the purpose of your testimony?

A.3. My testimony is intended to address, in part, Contention 1 of DAARE and SAFE. DAARE and SAFE have contended that Commonwealth Edison Company lacks the ability, willingness or technical qualifications to operate the Byron Station within NRC regulations so as to protect the public health and safety. Three additional affidavits will be supplied in response to

this contention. One is by Robert E. Querio, the Station Superintendent for the Byron Station. He describes the structure of the Station management and the experience and qualifications of the personnel who will be directly responsible for the day-to-day operations at the Byron Station. He also describes the steps which have been and will be taken at the Byron Station to prevent recurrence of incidents of non-compliance with NRC regulations which have occurred from time to time at the Company's operating stations.

Mr. Wayne L. Stiede, Assistant Vice President for Nuclear Engineering, Nuclear Fuel Services and Nuclear Licensing will describe the off-site organization to support the Byron Station and the qualifications of the Company generally to operate safely the Byron Station. He will also discuss the past incidents of non-compliance with NRC regulations.

Finally, Mr. Walter J. Shewski, the Company's Manager of Quality Assurance, will describe the Company's quality assurance program and the commitment of the Manager of Quality Assurance and his organization to the safe operation of the Byron Station. Both Mr. Querio, the Station Superintendent for the Byron Station, and Mr. Stiede, an Assistant Vice President, report to me. I, in turn, report to Mr. Byron Lee, Jr., an Executive Vice President of the Company, and through

Mr. Lee to Mr. James O'Connor, the Chairman and President of the Company. Mr. Shewski, our Manager of Quality Assurance, does not report through me, but rather reports to Vice Chairman Behnke, so as to assure the separation of quality assurance functions from responsibility for the operation of the Station.

My testimony is limited to expressing the strong commitment of Commonwealth Edison Company to the safe operation of the Byron Station so as to protect the public health and safety, and the Company's commitment to operate the Byron Station within NRC and other requirements.

Q.4. Please describe the commitment of Commonwealth Edison Company to the safe operation of the Byron Station.

A.4. As the Corporate Vice President of Commonwealth Edison Company responsible for the operation of the nuclear power plants, including the Byron Station, I am personally absolutely committed to the safe operation of these plants. In this regard, I reflect the official policy and the attitude of the upper management of Commonwealth Edison Company. The Company's strong commitment to the safety of nuclear power operations is reflected in its continuing support to industry-wide efforts to enhance nuclear safety, as well as the

Company-wide and Byron Station specific activities described in the testimony of other witnesses.

Edison has always taken an active role in industry groups formed to address new or on-going safety concerns, including support for the activities of the Atomic Industrial Forum and the Edison Electric Institute. The Company participates in a number of ad hoc groups formed to address specific technical safety issues, and contributes money and the advice of experienced Company personnel to safety-related research conducted by the Electric Power Research Institute. We currently have approximately eight senior people involved in such activities.

Senior officers of Commonwealth Edison Company have recently been instrumental in the formation of industry-wide groups which enhance nuclear safety. Mr. Thomas Ayers, our retired Chairman and President, together with our current Chairman and President, and Executive Vice-President Lee were active in the creation of the Nuclear Safety Analysis Center (NSAC) and the Institute for Nuclear Power Operations (INPO). NSAC was formed to review and report on accidents at nuclear generating stations and continues to review nuclear operating experience from the broad perspective of long-term safety. The first Chairman of the Research

Advisory Group to NSAC was the Company's now retired Vice-President of Engineering and he has since been replaced by Executive Vice-President Lee. INPO establishes best operating practices with regard to nuclear safety in overall plant operation and evaluates plants according to these criteria. INPO also evaluates reports of operating incidents at all nuclear power plants and, where appropriate, provides power plant operators with advance warning of potential problems.

As part of my responsibility to insure the safe operating of our own nuclear stations, I feel it is important to convey to our operational personnel the Company's strong commitment to safety. As part of this commitment, the Company employs people who are technically qualified for the positions in which they are placed and have a demonstrated ability to perform their job functions. These people are expected to share and carry out the Company's commitment to the safe operations of its nuclear power plants. This commitment also extends to the conformance to regulations of the NRC and other regulations which apply to the operations of our stations.

Q.5. Does the fact that Commonwealth Edison Company has been cited by the Nuclear Regulatory Commission and its

predecessor, the Atomic Energy Commission, for non-compliance with regulations demonstrate an unwillingness or inability of the Company to conform to the standards set by the NRC?

- A.5. No, it does not. As I stated above, the Company is dedicated to the safe operations of its stations, including compliance with all applicable regulations. When instances of non-compliance have been observed in the past, the Company has evaluated the incident and has taken action to correct any problems that may have been uncovered. We have learned a great deal from our many years experience operating nuclear power plants and through a rigorous process of self-analysis in areas where we may have shown potential weakness. As a result of this process, I believe that the Company is more capable now than it has been at any other time in the past to comply with NRC regulatory requirements, and I expect the Company's performance to continue to improve in the future.

CORDELL REED
Vice-President
Commonwealth Edison Company
Chicago, Illinois

Education

Product of the Chicago Public School System. Bachelor of Science Degree in Mechanical Engineering from the University of Illinois in June, 1960.

Experience

December, 1979 - Present

Vice-President

Responsible for all of the Company's nuclear activities including the operation of four nuclear stations, the Nuclear Engineering Department, as well as nuclear licensing and nuclear fuel activities.

December, 1977 - December, 1979

Assistant Vice-President for Nuclear Licensing, Nuclear Fuel Services, and Environmental Affairs Departments.

March, 1975 - December, 1977

Station Nuclear Engineering Department Manager.

July, 1960 - March, 1975

Started working at Edison in 1960. Assignments included coal-fired and nuclear power plants' design and operation.

Professional Activities

Member of American Nuclear Society
Member of Western Society of Engineers
Member of National Technical Association
Member of Economic Club of Chicago
Member of American Association of Blacks in Energy
Registered Professional Engineer, State of Illinois, since 1965

Civic Activities

President, Board of Trustees, Abraham Lincoln Centre
Trustee, Metropolitan Community Church
Director, Illinois Junior Engineering Technical Society

Business Activities

Director, Independence Bank of Chicago
Director, Project Management Corporation
Argonne National Laboratory - Center for Educational Affairs Advisory Committee
Illinois Institute of Technology - Board of Overseers - Armour College of Engineering
University of Illinois - Mechanical Engineering - Industrial Engineering Departmental Alumni Board
University of Illinois - College of Engineering - Research and Development Industrial Advisor Board
Northwestern University - College of Arts and Sciences Visiting Committee