

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

Before the Atomic Safety and Licensing Board

In the Matter of )  
 )  
THE CLEVELAND ELECTRIC ) Docket Nos. 50-440  
ILLUMINATING COMPANY, ET AL. ) 50-441  
 )  
(Perry Nuclear Power Plant, )  
Units 1 and 2) )

AFFIDAVIT OF CYRIL M. SHUSTER

County of Lake )  
 :  
State of Ohio )

Cyril M. Shuster, being duly sworn, deposes and says as follows:

1. I, Cyril M. Shuster, am Manager, Corporate Nuclear Quality Assurance Department (CNQAD), The Cleveland Electric Illuminating Company. My business address is 10 Center Road, Perry, Ohio 44081. A statement of my professional qualifications and experience is attached hereto. I have personal knowledge of the matters set forth herein and believe them to be true and correct.

2. I have reviewed NRC Inspection Report No. 50-440/83-13(DE); 50-441/83-12(DE)(the Inspection Report), which was transmitted to CEI by letter dated July 25, 1983. The

Inspection Report resulted in a severity level V violation, as indicated in the Notice of Violation attached to the Report. I am the Chairman of the Quality Assurance Advisory Committee (QAAC) and have personal knowledge of matters relating to the QAAC issues that were the subject of the Notice of Violation. In addition, I have the responsibility for preparing CEI's response to the Notice of Violation. That response is now in preparation, and will be filed not later than August 24, 1983, as required in the Notice.

3. A description of the QAAC is set forth in CEI's prefiled testimony in the above-captioned proceeding, following Tr. 1031, at page 24. As described in the testimony, CEI established the QAAC to provide consultation and advice to CEI's Vice-President, Nuclear Group, on significant QA policy issues. The QAAC reviews a variety of QA program documents, including CNQAP quarterly reports, performance analysis reports (PARs), selected internal audits, NRC inspection reports, significant nonconformance reports, audit reports, corrective action requests, and stop work notifications. QAAC members also observe site activities and interview site personnel involved in quality related activities.

4. The Notice of Violation identifies procedural discrepancies in connection with QAAC activities in 1981 and 1982. The first finding described in the Notice is that the QAAC held two, rather than four, formal meetings in 1981, contrary

to the QAAC Charter. A third "informal undocumented" meeting was held in September 1981. See Inspection Report, p. 5. This consisted of site tours of three nuclear plants by three members of the QAAC. The purpose of the site tours was to evaluate various aspects of the quality assurance programs at those plants for possible applicability to Perry. The December 1981 QAAC meeting was postponed until January 1982. The QAAC held four formal meetings in 1980.

5. The NRC's second QAAC scheduling concern is that "two conflicting procedure instructions appeared to be in effect for approximately two months in 1982." See Report, pp. 4-5; Notice of Violation. During these two months one instruction provided for biannual meetings and another provided for quarterly meetings. Despite the discrepancy in the 1982 QAAC scheduling instructions, the QAAC held eight formal meetings in 1982. Thus far the QAAC has held six formal meetings in 1983. Although the QAAC charter currently provides for quarterly meetings, we intend to continue to meet on a frequent basis.

6. The remaining QAAC item discussed in the Notice of Violation and the Inspection Report concerns the QAAC's review of PARs and other Perry quality documents. The Inspection Report at page 5 does acknowledge the statement of the QAAC member interviewed that PARs were available and reviewed by the QAAC in 1981, although this review was not documented. As

indicated in ¶3, above, the QAAC has and will continue to review PARs and other quality documents, and will continue to monitor individual contractor performance.

Cyril M. Shuster  
Cyril M. Shuster

Subscribed and sworn to before me  
this 4th day of August, 1983

Caroline M. Wilde

NOTARY PUBLIC

My Commission Expires:

April 17, 1985

CAROLINE M. WILDE  
Notary Public, State of Ohio  
My Commission Expires April 17, 1985  
(Recorded in Lake County)

CYRIL M. SHUSTER

MR. CYRIL M. SHUSTER, General Supervising Engineer, Nuclear Project Training Section of CEI, is a 1954 graduate of Case Institute of Technology with a B.S. degree in Electrical Engineering, and a 1963 graduate of Case Institute of Technology with an M.S. degree in Engineering Administration.

He joined CEI in 1954 as an Engineering Assistant, in the System Planning Department. He was later assigned to the position of Associate Engineer. In 1962, he was appointed Engineer, where he was responsible for designing protection systems for the electrical power system. In 1963, he served for eight months as Electrical Test Foreman, (on Rotation of Assignment) where he was responsible for the testing and maintenance of electrical control and relay equipment.

In 1967, he was assigned to the position of Senior Engineer. He was responsible for the direction and design of protection plans for power system applications. He participated in a series of Rotation of Assignments from 1975 to 1977, as General Supervisor of Customer Engineering responsible for the design of the facilities required for Commercial and Industrial customers. As General Supervising Engineer for Electrical Projects Engineering, he was responsible for the overall design of all company transmission and distribution stations. He served as Acting Manager of Plant Substation Engineering Department responsible for the design of all company transmission and distribution substations and all plant electrical facilities.

In 1977, he was assigned to General Supervising Engineer, System Protection Section, responsible for automatic protection systems and automatic control systems for application on the Electrical Power System.

Concurrent with his other responsibilities, Mr. Shuster served as Engineering Training Coordinator from 1968 to 1976. He was responsible for coordinating the training program for new engineering personnel to provide broad training on power system design methods.

In 1982, he was named to the position of General Supervising Engineer, Nuclear Project Training Section. He is responsible for directing the development and coordination of training to assure that the Perry Plant is staffed with trained, qualified individuals capable of supporting, maintaining and operating the Perry Plant.

In December 1982, he was named to his present position of Manager, Nuclear Quality Assurance Department. He is responsible for directing all quality assurance and quality control activities for the Perry Plant.

Mr. Shuster is a registered professional engineer and holds professional memberships in the following organizations: The Electric Power Research Institute, Institute of Electrical and Electronic Engineers, and the Cleveland Engineering Society. In addition, he is the CEI representative on the Power System Planning and Operations Task Force. He is Chairman of Under-frequency Protection Working Group of Power Relay Committee.