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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of	)	
	)	
TEXAS UTILITIES GENERATING COMPANY, et al.	)	Docket Nos. 50-445 50-446
	)	
(Comanche Peak Steam Electric Station, Units 1 and 2)	)	

TESTIMONY OF DAVID N. CHAPMAN
REGARDING THE OPERATING QUALITY
ASSURANCE PROGRAM FOR COMANCHE PEAK

Q. Please state your name, residence, educational and professional qualifications.

A. My name is David N. Chapman. I reside in Richardson, Texas. A statement of my educational and professional qualifications is attached to this testimony.

Q. What is the subject of your testimony?

A. My testimony concerns the Quality Assurance Division, which is located in corporate headquarters in Dallas, and its role in the overall corporate QA Program.

Q. What is your position in the Quality Assurance Division?

A. I am the Manger of Quality Assurance. In that capacity, I direct the operations of the Quality Assurance Division.

Q. What qualifications are required of the individual assigned to the Manager of Quality Assurance?

A. TUGCO requires that the Manager of Quality Assurance meet stringent qualification criteria in terms of both education and experience. The Manager must have (at least) a bachelor of science degree from an accredited college in an engineering or science discipline and be a registered professional engineer. He must also have (at least) ten years experience in design, construction, and/or operation of power plants and a demonstrated managerial ability. As for experience in the QA area, he must have a knowledge of QA requirements for nuclear plants including a minimum of one year experience in the implementation of a nuclear QA program. I meet all these requirements.

Q. What is the function of the Quality Assurance Division?

The Quality Assurance Division is responsible for the following basic functions:

1. Conducting QA audits of TUGCO and TUSI quality-related activities, both on-site and off-site, and auditing and evaluating the QA programs and procedures of consultants, contractors and suppliers.
2. Surveilling and inspecting equipment and material at suppliers' facilities.
3. Reviewing procurement documents of non-routinely procedured items and services to assure incorporation of QA requirements.

4. Apprising corporate management of the status of quality assurance activities, reporting directly to the Vice President, Nuclear.

Q. What is your role in the development of the Comanche Peak Operations Administrative Control and Quality Assurance Plan ("OACQAP"), which is discussed in the testimony of Mr. Jones.

A. The Manager of Plant Operations is directly responsible for developing the Comanche Peak OACQAP. However, as Manager of Quality Assurance, I am responsible for regularly assessing the status and adequacy of the Plan and reporting the results of my evaluation to the Vice President, Nuclear. Also, I am responsible to the Vice President, Nuclear, for reviewing changes to the Plan and recommending their approval to the Manager of Plant Operations.

Q. Please describe your relationship with the Vice President, Nuclear.

A. As Manager of Quality Assurance I report directly to the Vice President, Nuclear, who has the responsibility for assuring that I have sufficient independence and authority to fulfill my QA responsibilities. The Vice President, Nuclear, retains the responsibility for establishing QA policy, and maintains a continuing involvement in QA activities through meetings with me and by reviewing QA audit and inspection reports.

Q. What assurances are there that you, as Manager of Quality Assurance, have adequate independence in the implementation of the corporate QA Program?

A. I am totally independent from the TUGCO staff responsible for operation of Comanche Peak. In my opinion, this relationship assures that I have and will continue to have the necessary authority, organizational freedom, and independence from undue influence with regard to cost and schedule in assuring compliance with the corporate QA Program.

Attachment

DAVID N. CHAPMAN

STATEMENT OF EDUCATIONAL AND PROFESSIONAL QUALIFICATIONS

POSITION: Manager, Quality Assurance

FORMAL EDUCATION: 1959-1964, B.S.M.E. Mechanical Engineering, Texas A&M University

EXPERIENCE:

1976 - Present	Texas Utilities Generating Company, Dallas, Texas, Manager, Quality Assurance. Responsible for assuring effective implementation of the CPSES Quality Assurance Program in nuclear safety-related activities including design, procurement, construction and operations.
1972 - 1976	Texas Utilities Services Incorporated, Dallas, Texas, Project Engineer. Duties included reviewing selected CPSES design documents, PSAR drafts and environmental report drafts. Additional duties included such special projects as site evaluation studies for future generating plants.
1967 - 1972	Texas Electric Service Company, Fort Worth, Texas, Senior Engineer, General Office Engineering Department. Activities included review of design and construction specifications, drawings, and purchase documents for four gas/oil fired generating units.
1966 - 1967	Texas Electric Service Company, Fort Worth, Texas, Associate Engineer, Handey Steam Electric Station. Involved primarily in training through "hands-on" operation, maintenance, and plant chemistry duties.