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50-348/364-CIVP  
2/20/92

APCo Exhibit 29

DOCKETED  
USNR

J. E. LOVE  
Project Engineer

'92 MAR 13 P4:19

WORK HISTORY

PROJECT ENGINEER - Bechtel (<sup>4</sup> Years)

OFFICE OF SECRETARY  
DOCKETING & SERVICE

Mr. Love is currently a Project Engineer responsible for electrical and control systems, mechanical, civil, and plant facilities design for the PWR Joseph M. Farley Nuclear Plant Units 1 and 2, 860 MW each for Alabama Power Company. He is responsible for managing design projects related to plant operability improvements, licensing commitments, and maintenance improvements. This includes direct coordination with client engineering, management, construction and operations personnel, equipment suppliers, and project engineering personnel, as well as design project scoping and planning/scheduling activities.

ENGINEERING SUPERVISOR - Bechtel (<sup>13</sup> Years)

Prior to being assigned as Project Engineer, Mr. Love was the Electrical and Control Systems Engineering Supervisor on the Farley project. During this time, he was responsible for design and supervision of all electrical control and instrumentation engineering activities within Bechtel's scope of design. This included processing of design changes and design improvements requested by the client for the operating units, licensing activities for Units 1 and 2, and coordination with Southern Company Services for design.

Mr. Love's previous assignment was as Electrical Engineering Supervisor for the BWR Grand Gulf Nuclear Station Units 1 and 2, 1300 MW each, for Mississippi Power & Light Company. He was responsible for supervision of all engineering related to the electrical design of the station. This included preparation of design schedules and budgets, system descriptions, and design calculations; development of electrical equipment specifications; evaluation of equipment proposals; preparation of electrical single lines and three line meter and relay diagrams; preparation of control schematics for the electrical and process control systems; and licensing activities.

SENIOR ENGINEER/ENGINEER - Bechtel (5 Years)

Prior to his assignment at Grand Gulf, Mr. Love served as Electrical Nuclear Control Group Leader on the PWR Calvert Cliffs Nuclear Power Plant Units 1 and 2, 845 MW each, for Baltimore Gas and Electric Company. He was responsible for design and supervision of engineering associated with plant process instrumentation and computers, nuclear instrumentation, radiation monitoring system, emergency diesel generators, reactor regulating and protective systems, main and unit transformers, containment electrical penetration assemblies, plant synchronization and breaker controls, and plant security system.

NUCLEAR REGULATORY COMMISSION

Serial No. 50-346364-CWP Official Exh. No. 29  
 In the matter of Alabama Power Company  
 Staff \_\_\_\_\_ IDENTIFIED 3:40 p.m. 2/20/91  
 Applicant ✓ \_\_\_\_\_ RECEIVED 3:41 p.m. 2/20/91  
 Intervenor \_\_\_\_\_ REJECTED \_\_\_\_\_  
 Cont'g Off'r \_\_\_\_\_  
 Contributor \_\_\_\_\_ DATE 2/20/91  
 Other \_\_\_\_\_ Witness \_\_\_\_\_  
 Reporter L. E. Corp

J. E. LOVE (Continued)

EDUCATION

BS, Electrical Engineering Technology, Pennsylvania State  
University  
MS, Engineering (Nuclear), Catholic University of America