

Received

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Arkansas Department of Health

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Governor Mike Beebe

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Graham W. Rich, PE, Chief Executive Officer
Central Arkansas Water
PO Box 1789
Little Rock, AR 72203

July 29, 2008

Subject: Central Arkansas Water Commission

Mr. Rich:

I would like to be considered for a position on the Water Commission. I have many years of project management experience as well as my recent involvement with water and wastewater systems and I believe that I can add a valuable resource to the commission.

Please refer to my attached resume.

Sincerely,

Clyde L. Little, PE

Clyde L. Little, P.E.
1400 Green Mountain Drive
Little Rock, AR 72211
Phone # (501) 223-8749
Cell # (501) 231-5581
clydellittle@sbcglobal.net

Date: July 29, 2008

Personal: Birth Date: August 24,
Registered Professional Engineer in the State of Arkansas #5594
Member of the Arkansas Academy of Mechanical Engineering

Education: 1975 University of Tennessee, Knoxville, TN
Graduate Program - Mechanical Engineering (Heat Transfer)
1974 University of Arkansas, Fayetteville, AR
B.S. Mechanical Engineering

Nuclear Training:

Completed ESP training and AO / WCO / RO training classes under the Plant Ops Cert. Program

Recent Work Experience:

Mar. 04 – **Arkansas Department of Health, Engineering Division – Little Rock, AR**
Present **Job Title**
District Engineer - I also have a D-4 operator license and am taking courses to get my T-4 license

Performs comprehensive inspections on public water systems source, treatment, and distribution. Reviews preliminary engineering reports, funding applications, and technical plans and specifications for water and wastewater infrastructure for compliance to codes and standards. Reviews environmental proposals. Provides technical assistance. Reviews and approves all new subdivisions, additions to subdivisions, new facilities, and additions or modification to plant facilities. Responds to all customer complaints.

April 1990 **Entergy Operations, Inc. - Echelon**
To **Jackson, MS**
May 2003 **Last Position: Senior Staff Engineer, Project Management**

Supported and improved organizational effectiveness for all capital projects for Entergy Nuclear South. Promoted standardization of project management processes and programs. Improved project execution through project metrics, training and oversight. Was responsible for the development and implementation of Entergy's long-range/asset management program and provided oversight and facilitation of this process. Supported the development and implementation of alliance partnerships. Identified and implemented process improvements and provided oversight and controls for alliance projects for both Entergy Nuclear Northeast and Entergy Nuclear South. Other positions At Entergy: Project Manager, Engineering Support Manager, Technical Assistant to Engineering Director, & Sr. Lead Engineer.

Work History:

- Mar. 04 – Arkansas Department of Health, Engineering Division – Little Rock, AR
Present **Job Title**
District Engineer
- Apr. 90 - Entergy Operations, Inc. - Echelon, Jackson, MS and ANO - Russellville, AR
May 03 **Job Titles:**
**Senior Staff Engineer; Project Manager; Engineering Support
Manager; Engineering Director Technical Assistant; Senior Lead Engineer**
- Mar. 79- Orbit Valve Company, Little Rock, AR
Apr. 90 **Job Titles:**
**Engineering Manager; Development & Application Engineer; Senior Staff
Engineer; Senior Mechanical Engineer; Technical Service Engineer**
- Apr. 78 - Applied Engineering Company, Orangeburg, SC
Mar. 79 **Job Title: Manufacturing Engineer - Nuclear Products**
- Aug. 77 - Fiber Industries, Inc., Salisbury, NC
Apr. 78 **Job Title: Project Engineer**
- Sept. 74 - C.E. Natco - Combustion Engineering, Inc., Tulsa, OK and C.E. Power Systems -
Aug. 77 Combustion Engineering, Inc., Chattanooga, TN
Job Titles:
**Associate Engineer -Codes and Standards; Nuclear Components Manufacturing
Methods Engineer**

Detail Work Experience:

- Mar. 04 – Arkansas Department of Health, Engineering Division – Little Rock, AR
Present **Job Title**
District Engineer
- Performs comprehensive inspections on public water systems source, treatment, and distribution. Reviews preliminary engineering reports, funding applications, and technical plans and specifications for water and wastewater infrastructure for compliance to codes and standards. Reviews environmental proposals. Provides technical assistance. Reviews and approves all new subdivisions, additions to subdivisions, new facilities, and additions or modification to plant facilities. Responds to all customer complaints.
- August 2001 Entergy Operations, Inc. – Echelon
To Jackson, MS
May 2003 **Senior Staff Engineer, Project Management**
- Supported and improved organizational effectiveness for all capital projects for Entergy Nuclear South. Promoted standardization of project management processes and programs. Improved project execution through project metrics, training and oversight. Was responsible for the development and implementation of Entergy's long-range/asset management program and provided oversight and facilitation of this process. Supported the development and implementation of alliance partnerships. Identified and

implemented process improvements and provided oversight and controls for alliance projects for both Entergy Nuclear Northeast and Entergy Nuclear South.

Sept. 2000
to
August 2001

Entergy Operations, Inc. – ANO
Russellville, AR
Project Manager

Leads and manages project teams to accomplish the successful implementation of assigned projects within the approved scope, budget, and schedule in accordance with Nuclear Management Manual Procedure DC-114, Project Management.

August 99
to
Sept. 2000

Entergy Operations, Inc. – Echelon
Jackson, MS
Manager, Engineering Support

Provide timely and quality engineering support by responding to emergent plant needs as requested/agreed. Support self-assessments as requested by sites and peers. Support plant outages. Provide engineering configuration management, standards and procedure oversight. Support the condition reporting process (CRG) for Engineering. Promote standardization of processes and programs, in particular, provide Renewal implementation facilitation and serve as Echelon team lead and As EOI engineering lead. Champion and complete the standardization of Engineering processes and programs as determined by engineering Renewal. Facilitate peer group activities, engage site managers in peer group direction and decisions, and improve timeliness and quality of peer group decisions. Develop and maintain company wide standards and continue to improve organizational effectiveness.

Track / monitor department budget / present estimates
Coordinate EPRI activities to effectively leverage membership to save EOI resources.

July 94
to
August 99

Entergy Operations, Inc. – ANO
Russellville, AR
Unit Coordinator & Technical Assistant To The Engineering Director

The function of the Unit Coordinator was to maintain close ties (direct link) to outage and plant management in order to improve (and encourage) communications. This was accomplished through numerous daily activities and meetings, such as the Plant Manager staff meetings, the Design Director staff meetings, Condition Report Review Committee, the ER review meeting, Long Range Planning Committee, etc. The Unit Coordinator serves as the primary design representative for various Inspections and assessments (NRC/INPO/Self/Corporate). The Unit Coordinator worked to assure that the visibility of work activities, schedule, budget control, and project status was maintained. The Unit Coordinator worked to encourage and improve interfaces between functional groups in order to reduce inefficiencies. The Unit Coordinator's role was to be a "Change Agent" for Design Engineering. The task was to identify and make changes happen. Focus of activities included workload management, long range planning, team building, condition reporting, and the promotion of a self-critical culture. A secondary role was to expand the site presence of the Design Director by acting in his behalf to promote and improve the design interface with the site.

Apr 90

Entergy Operations, Inc. – ANO

to
July 94

Russellville, AR
Senior Lead Nuclear Design Engineer

Responsible for design change package development, project management and budgets, configuration and control of design bases, engineering calculations, operability assessments, independent reviews, design verifications, and 10 CFR 50.59 reviews as assigned in order to support power generation of a two unit nuclear power plant. Responsible for plant and public safety through the application of safe and accurate engineering design practices and procedures.

Oct. 88
to
Apr. 90

Orbit Valve Company
Little Rock, AR
Engineering Manager – TruSeal Products

Responsible for the application, design, development and manufacture of the TruSeal product line (oil field valves and actuators) with a primary goal to increase quality and profitability through design and improved production processes. This position had full responsibility for design, manufacture, quality, and application. Developed numerous prototype projects to increase the valve line, lower costs and increase thru-put of higher quality products. Was responsible for numerous plant expansion projects. Had responsibility for the implementation of a new MRP II computer software package that our company had acquired in order to obtain World-Class Manufacturing status.

Mar. 85
to
Oct. 88

Orbit Valve Company
Little Rock, AR
Development & Application Engineer – TruSeal Products

This was a management position reporting to the Vice-President of Engineering. This position was responsible for all aspects of design and application of a newly acquired product line (TruSeal Valves). This position was responsible for an orderly relocation of the entire product line from Cincinnati, Ohio to Little Rock, AR during March 86. Since that time the product line expanded and sales and production increased to a point that it became necessary to move the product line to its own manufacturing facility. A complete support staff was assembled and I was given charge of all of engineering functions.

August 83
to
Mar. 85

Orbit Valve Company
Little Rock, AR
Senior Staff Engineer

This position reported to the Vice-President of Engineering. Computer programs were developed to support many aspects of design and operations. This position served as technical training coordinator, corrosion consultant, and backup manager for the Technical Service Department. Responsible for special projects as designated by the BP-Engineering. One such project was Engineering Coordinator for a newly acquired product line (TruSeal Valves).

Nov. 82
to
Aug. 83

Orbit Valve Company
Little Rock, AR
Senior Mechanical Engineer – Design Engineering

Special assignment to the design group to expedite the design and prototype of a new actuator series for the Orbit valve. Was instrumental in the acquisition of a computer system for the engineering department, which was used to design the new actuators.

Mar. 79
to
Nov. 82

Orbit Valve Company
Little Rock, AR
Technical Service Engineer

Provided technical support to the sales department and customers, reviewed customer specifications, recommended proper application of valves and controls, develop and improve products for the Petroleum, Petro-Chemical and Pipeline Industry, through design and material selection. Worked to see that products met code and legal requirements and continually reviewed established engineering standards ensuring minimum business risk.

Apr. 78
to
Mar. 79

Applied Engineering Company
Orangeburg, SC
Manufacturing Engineer – Nuclear Products

Total manufacturing responsibility for assigned contracts, which included: planning, organizing, coordinating and implementing. This included developing new and improved means of fabrication, reductions in cost and upholding and promoting company policy.

Aug. 77
to
Apr. 78

Fiber Industries, Inc.
Salisbury, NC
Project Engineer

Supported manufacturing in areas of maintenance, production, utilities, services and development. Responsible for the design, justification, material and labor estimates through construction and turnover to manufacturing.

Apr. 76
to
Aug. 77

C.E. Natco – Combustion Engineering, Inc.
Tulsa, OK
Associate Engineer –Codes and Standards

Responsible for the interpretation of engineering and material standards. Responsible for the review of customer specifications for an analysis of what it was we were committing to do prior to making that commitment. Worked to see that products met code and legal requirements and continually reviewed established engineering standards ensuring minimum business risk.

Sept. 74
to
Apr. 76

C.E. Power Systems – Combustion Engineering, Inc.
Chattanooga, TN
Nuclear Components Manufacturing Methods Engineer

Responsible for heat transfer and stress analysis problems. Was the ASME Code Coordinator for Nuclear Components Manufacturing. Responsible for upgrading numerous facilities in the plant and coordinating the design and construction of new systems.