



smaller and safer and have the potential to provide power generation in remote places like parts of Africa. Prefabricated units of SMRs can be manufactured and then shipped and installed on site, making them more affordable to build than large power reactors, which are often custom designed for a particular location, sometimes leading to construction delays. SMRs can be deployed incrementally to match increasing energy demand.

Nuclear power reactors do not produce direct CO<sub>2</sub> emissions, and unlike solar and wind power they are reliable and can meet demand without interruption. Combined with wind and solar, nuclear power could solve the intermittency problem of

renewables and might be the catalyst to decarbonize the power grid.

Energy sits at the nexus of geopolitics and economics. Energy security is the backbone of economic security. Given the state of the world today, investing in nuclear power and SMRs might be the key to achieving energy security objectives: more autonomy, more reliability, better affordability, and sustainability. There is plenty of uranium to mine; there is plenty of energy left in used nuclear fuel. Now is the time to harness it.

*Ali Agha  
Think Cycle Consulting, Inc.  
Memphis, Tenn.*

**CORYS Inc. seeks a senior engineer to join its team in Jacksonville, FL. This is a full-time position working in our nuclear power simulation group.**



dynamic simulation

**Job Duties:**

The successful candidate will utilize their knowledge and experience in mechanical engineering to develop, analyze, and maintain software models of power plant systems using CORYS' proprietary model development environment.

Your excellent interpersonal skills allow you to function in a team environment and to establish a climate of confidence leading to the success of your projects. You are autonomous, organized and rigorous. You have an understanding of the importance of strong customer relationships. You are able to analyze complex problems and reach conclusions on how to move forward with solutions. Short-term on-site travel is required for customer meetings and delivery and testing of our products and services.

**Qualifications & skills:**

- Bachelors or higher degree in Mechanical or Nuclear Engineering, Physics, Mathematics, or related discipline
- Detailed understanding of the systems and processes of a modern steam-electric power plant
- More than 5 years of experience working with real time computational models as applied to power plant simulation
- 5+ years of experience with C++ and FORTRAN
- Ability to work in alignment with overall engineering management structure and follow engineering best practices.
- Excellent organizational skills and a strong work ethic allowing for the ability to meet deadlines and achieve company goals and objectives
- A team player mentality with the ability to work within a diverse collaborative environment
- Proficient English usage for oral and written technical communications.
- You must be authorized to work in the U.S.

**Job Type: Full-time**

Salary: \$90,000.00 - \$120,000.00 per year

**Experience:**

- Mechanical Engineering: 5 years (Required)
- Fortran: 5 years (Required)
- C++: 5 years (Required)

**Education:**

- Bachelor's (Required)

**Language:**

- English (Required)

**Work authorization:**

- United States (Required)

**Required travel:**

- 25% (Preferred)

**Additional Compensation:**

- Bonuses

**Work Location/Schedule:**

- One location (M-F / Days)
- Hybrid schedule available

**Benefits:**

- Health insurance
- Dental insurance
- Vision insurance
- STD/LTD/AD&D/Life Insurance
- 401k Retirement plan
- Paid time off

**ABOUT CORYS Inc.:**

CORYS Inc. is the global leader in power, rail and hydrocarbon training simulation solutions. Our cutting-edge simulation modeling, services, upgrades, and commitment to customer service has driven industry standards for over 20 years. CORYS Inc. is a subsidiary of CORYS SAS, located in Grenoble, France. CORYS is the largest simulator company in the world, with over 250 employees serving the power, transportation and hydrocarbon industries by providing full-scope training simulators as well as simulator support and upgrade services (850 systems in operation worldwide).

CORYS combines the skills of engineers, trainers, software developers, graphic designers and modelling experts to create innovative training and engineering simulators and solutions to address the operational requirements of our customers. We enable customers to optimize their engineering and training costs, enhance their workforce skills, and improve their operational safety and efficiency.

CORYS offers an exciting work environment, opportunities for advancement, competitive pay, 100% company paid benefits for employees, and a generous bonus program. Relocation assistance available.

Please send resumes to [laurie.ryan@corys.com](mailto:laurie.ryan@corys.com)