

# Gerald F. Moody

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## PROFESSIONAL SUMMARY

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Nuclear power industry professional with over 40 years of experience in commercial nuclear operations training, licensing, accreditation, root cause analysis, and project management across the United States, South Korea, and the United Arab Emirates. INPO-certified Senior Reactor Operator and Simulator Instructor with a track record of building training programs, technical documentation, and process-improvement systems from the ground up. Additional background developing automated administrative and staffing-tracking tools using Python, SQL, and Linux. Seeking remote, part-time consulting engagements and short-term project assignments; not pursuing on-site/in-house positions.

## CORE COMPETENCIES

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Nuclear Operations Training & Accreditation • Root Cause Analysis & Corrective Action • Regulatory Licensing & Submittals • Project & Staffing Management • Training Systems Development • Process & Workflow Automation • Python, SQL, Linux • Microsoft Office Suite

## PROFESSIONAL EXPERIENCE

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**Senior Consultant — Nuclear Operations & Training** — Trinita Global USA, LLC 2010 – Present

*Independent nuclear consulting practice providing operations support and performance-improvement services to nuclear utilities worldwide, including engagements with Korea Hydro & Nuclear Power Co. and Emirates Nuclear Energy Corporation.*

- Manage business-segment and workforce planning, including manpower forecasting, recruiting, staff augmentation, and consultant acquisition for global nuclear projects.
- Establish project master plans and milestones for training and qualification of a diverse international nuclear workforce.
- Develop training materials, procedures, technical specifications, and complex engineering design documentation for international clients.
- Led implementation of new nuclear operations training programs in support of the UAE's Barakah nuclear energy project, instructing personnel on Generic Fundamentals, Systems, and Simulator training; developed Job and Task Analyses and Systematic Approach to Training (SAT) materials for APR1400 reactor technology; mentored Korean training instructors and conducted training program self-assessments (2010–2016).
- Identify and pursue new business opportunities, partnerships, and joint ventures within the global nuclear industry.

**Lead Senior Reactor Operator (SRO) Instructor** — Tennessee Valley Authority, Decatur, AL 2009 – 2010

- Maintained accreditation of operations training programs and certifications for teaching licensed reactor operators.
- Instructed nuclear plant operators in classroom and simulator settings to ensure continued operational excellence at one of the world's largest commercial nuclear facilities.

**Accreditation Support Manager** — Tennessee Valley Authority, Decatur, AL 2006 – 2009

- Managed successful accreditation renewal for Browns Ferry nuclear training programs and oversaw all phases of the Systematic Approach to Training.
- Directed implementation of an enhanced qualification-tracking system and corporate computer-based training platform; coordinated work-management process changes.
- Designed and deployed automated tracking systems for outage hiring/in-processing and a detailed staffing-analysis model for long-term operator training planning, using early database and scripting tools — the foundation for the Python/SQL/Linux-based systems work I do today.

**Lead Senior Reactor Operator (SRO) Instructor** — Tennessee Valley Authority, Decatur, AL 2001 – 2006

- Instructed licensed nuclear plant operators in accordance with regulatory rules, policies, and procedures; maintained instructor certification for classroom and simulator training.

## **Earlier Career — Tennessee Valley Authority & General Physics Corporation**

1980 – 2001

- Licensing Project Manager (1999–2001): Prepared legal and regulatory submittals to the Nuclear Regulatory Commission, including Technical Specifications and Licensee Event Reports; coordinated site visits by federal officials and NRC commissioners.
- Manager, Technical Contract Management — Maintenance, Engineering & Technical Training (1986–1999): Directed a 60-person training organization; supervised implementation of a large computer-based training system; managed a multi-million-dollar training budget.
- Lead Instructor, Engineering Training (1983–1986): Built a new site training organization and achieved initial NANT/INPO accreditation of nuclear training programs.
- Operations Training Instructor, General Physics Corporation (1980–1983): Attained Senior Reactor Operator certification on the Browns Ferry simulator; developed and delivered licensed operator training at multiple U.S. nuclear sites.

## **CERTIFICATIONS & QUALIFICATIONS**

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- INPO-Certified Nuclear Training Classroom and Simulator Instructor
- Senior Reactor Operator (SRO) Certification – GE BWR-4
- APR1400 Advanced Reactor Operations Training Qualification
- Root Cause Analysis: Apparent Cause & Root Cause Analysis Qualification; MORT and Kepner-Tregoe Methodology

## **EDUCATION**

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MBA — Florida Institute of Technology, Melbourne, FL (1993)

B.S., Nuclear Physics — University of Tennessee at Chattanooga, Chattanooga, TN (1979)