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| **Julie R. Clark** | 724-678-2361X2jrclar@southernco.com |
| **Senior Engineer***8+ years of Testing and Quality Management Experience in a manufacturing environment.* |
| Test Engineer with 7+ years of experience. APR1400 and AP1000 experience in Testing and Troubleshooting Nuclear Safety Systems; including overall knowledge and understanding of Safety System Architecture developed for the Shin Kori 3 & 4 and Barakah 1,2,3,4 Nuclear Power Plants. Tested APR1400 Safety Systems with ESCM, MTP, OM, QIAS-N, and QIAS-P. Tested and troubleshot AC160 Loop Controller cabinets.Ovation platform experience through on-the-job training with Emerson and the Westinghouse APR1400 DCIS group.  |
| **Highlights of Expertise** |
| * Team Leadership
* Hardware Troubleshooting
* PE License in PA
 | * Mentorship
* Use of Excel and VBA
* DOORS for Requirements Management
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| **Career Experience** |
| **EMPYREAN SERVICES at Vogtle 3&4** (October 2019 – Present)*Contract ITP Test Engineer***Digital I&C ITP Engineer*** Performed procedure writing, review, and testing for:
	+ Safety System Initial Energization.
	+ Sensor Calibration.

**Westinghouse Electric Company** (April 2011 – October 2019)*Senior Engineer in the Safety Systems Testing Group***BNPP Site Engineer/Technical Adviser - assignment in UAE (Oct. 18 to July. 19)*** Worked in the KHNP Site office in the Barakah Nuclear Power Plant, (Barakah, UAE) to resolve emerging issues during and after Cold Hydro Testing.
* Negotiated resolution of the RCP Oil Level Sensor Calibration and Cabling issue.
* Attended Siemens RCP Motor #18 FAT as part of RCP Oil Level Sensor Calibration investigation.
* Performed L5(Energization)/L6(Network Connectivity) testing on both Safety and Non-Safety units.
* Worked on managing the status of the punch list issues for Units 2,3, and 4

**OJT Emerson (Sept. 18)*** BNPP Ovation Virtual Development System Administration.

**Requirements Management Lead for Safety System Testing (2016 to 2018)*** Organized and verified IBM Rational DOORS (Dynamic Object Oriented Requirements System) work was completed to support change management, and document creation schedules.
* Created the Requirement Tracing Matrix (RTM) tables to go into documents.

**AP1000 Safety System Testing (2015 to 2017)*** Testing Lead of the Qualified Data Processing System.
	+ Responsible for Configuration Management and Requirements Tracing Review for the system.

**Safety System Testing of the APR1400 (2011 to 2016)*** Cabinet Hardware Integration Test (CHIT) Procedure development of the Loop Controller Cabinet procedures for both Shin Kori 3&4, and BNPP 1-4.
* Test Configuration Management of Safety System Integration Testing
* ESF Components Testing on ESCM for APR1400 during Shin Kori Program
* CHIT Procedure development for the QIAS-P.
* CHIT testing; development, troubleshooting for Loop Controller cabinets.
* QIAS-P Test Procedure development including the QIAS-P Abnormal Conditions testing, IO Mapping, and Post Accident Monitoring Functions tests.

**Hanson Controls** (December 2008 – April 2011)* Entrepreneurial Venture - Business License obtained in 2010. No products brought to market. Preliminary PCB design for a control circuit of a type of fridge that would minimize energy draw. Intended for off grid applications. Product was in the testing phase.

**Self Employed** (June 2000 – December 2008)* Freelancer, managing housing renovation projects.

**TRW Ground Systems** (April 1997 – October 1999)* Design and testing of a high speed digital communication system circuit board. Authored test procedures, and preformed testing of High Speed Analog Communication Systems.
* Testing of an optical switch being developed for communication systems.
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| **Education** |
| **California Polytechnic University**, San Luis Obispo, CA**Bachelors of Science in Electronic Engineering**  | March 1997 |
| **University of Southern California**, Los Angeles, CA**Masters of Science in Electrical Engineering**  | June 1999 |