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| **Julie R. Clark** | 724-678-2361  X2jrclar@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 | |
| **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. | | |
| **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 |