

**JUAN AGUERO GEIST**

****

Juan.aguerogeist@gmail.com

2811 Ferret Court, Raleigh, NC

(984) 379 1124



**EDUCATION**

**Bachelor of Science-Safety and Health,** National Technological University- Expected June 2025.

*Thesis: Simulation and Dose Analysis of a Station Blackout Accident in an AP1000 Reactor using the HYSPLIT atmospheric dispersion model*

**OSHA 30, General Industry,** U.S. Department of Labor- January 2024

**Technical Degree- Safety and Health,** National Technological University- December 2022

**Technical Degree- Nuclear Power Plant Operation,** National Cordoba University- March 2024

**Project Manager Specialist,** National Technological University- October 2017

**Technical Degree in Chemistry,** Technical School No. 1- December 2003

**SAFETY COURSES**

**Rescue in Collapsed Structures,** Volunteer Firefighters Association

**Emergency Brigade,** Volunteer Firefighters Association

**Integrated Fire Management,** ENAP

**Safety in Machinery and Equipment,** ENAP

**Training in Confined Spaces,** Safety World and Civil Defense

**Incident Safety Officer,** American Firefighters Organization

**Disaster Risk Reduction in the Americas and the Caribbean,** American Firefighters Organization

**First Response to Hazardous Materials Emergencies,** HAZ-MAT

**Hazardous Materials Workshop,** HAZ-MAT

**NUCLEAR COURSES**

**Introduction to Nuclear Security Culture,** International Atomic Energy Agency

**Occupational Radiation Protection Based on General Safety Guide No GSG 7,** International Atomic Energy Agency

**Leading an EPREV Mission Team: Guidance for Team Leaders,** International Atomic Energy Agency

**WORK EXPERIENCE**

**Community Emergency Response Team (CERT)** March 2024 –Present

* Assist in community emergency preparedness and response.
* Provide support in first aid, search and rescue, and crisis management.
* Collaborate with local emergency teams to ensure community safety.

**Delivery Associate | Safety Lane** Dec 2024 –Present

* Successfully manage and deliver packages to various locations, ensuring timely and efficient service for Amazon customers.
* Adhere to strict safety and quality standards while operating delivery vehicles and handling packages.
* Perform routine vehicle inspections and ensure compliance with transportation regulations.

**Operation technician | Nucleoeléctrica S.A.- Atucha II Nuclear Power Plant** Aug 2023 –Jul 2024

* Monitored operational parameters of plant systems, such as temperature, pressure, and flow rates, during field operations to ensure compliance with safety protocols and respond to irregularities as needed.
* Performed surveillance and maintenance on critical systems, including routine inspections of mechanical and electrical equipment, while maintaining accurate records of operational activities, incidents, and maintenance tasks to ensure compliance with safety and regulatory standards.
* Obtained a Reactor Operator License, demonstrating comprehensive knowledge of reactor systems and safe handling
* Actively participated in and facilitated the implementation of Emergency and Security Plans through drills and training programs, including fire response, evacuation, containment exercises, rescue simulations, and radiological protection measures.
* Familiar with methods of radiation measurement, utilizing appropriate instrumentation in controlled areas to protect personnel and equipment.

**Industrial services manager | PPE** Feb 2022 – Jul 2023

* Managed technical staff and capital for effluent treatment, water demineralization, and cooling systems at various facilities.
* Supervised turnkey projects, including sludge dewatering plant assembly and safety programs at Ford.
* Ensured compliance with safety protocols and led on-site safety supervision.

**Production manager | World Trade & Service** May 2019 – Jan 2022

* Directed production operations, focusing on quality, cost, and delivery objectives.
* Managed safety procedures, including training and risk assessments.
* Implemented process improvements to enhance efficiency and compliance with standards.

**Firefighter | Volunteer Firefighters of Escobar** Aug 1997 – Feb 2020

* Provided emergency response in accidents, fires, and hazardous material incidents.
* Led the K9 search and rescue unit and instructed new firefighters.
* Trained in Urban Search and Rescue (USAR) and HAZMAT operations.

**Production shift manager | Estisol Group** Jan 2019 – Apr 2019

* Managed production shifts, including materials, process control, and personnel.
* Monitored operational KPIs and implemented OEE to improve efficiency.
* Ensured compliance with safety protocols and reported incidents.

**Production supervisor | Samseng Paper Mill Inc.** Jan 2018 – Jan 2019

* Supervised a team of 25 in raw material and production processes.
* Ensured quality and safety standards were met through continuous monitoring.
* Reported operational risks and implemented procedural improvements.

**Lab analyst & emergency brigade member | Bunge** Nov 2011 – Dec 2017

* Conducted physicochemical analyses of raw materials and in-process products.
* Provided emergency response services as part of the plant's emergency brigade.
* Trained staff on chemical risk management and emergency response procedures.

**Supervisor / Lab analyst | GEPSA** Nov 2007 – Nov 2009

* Conducted quality tests on raw materials and products in the pet food industry.
* Supervised the Packaging Analysis Lab, ensuring compliance with mechanical and food safety standards.
* Managed quality control for packaging materials through various testing methods.

**High school teacher | Technical Schools** Jul 2007 – Mar 2009

* Taught Physics, Chemistry, and Chemical Process Operations to high school students.
* Developed course materials and led practical lab sessions.
* Enhanced students' understanding through interactive teaching methods.

**Environmental inspector | Municipality of Escobar** Aug 2005 – Dec 2007

* Conducted inspections to ensure compliance with environmental regulations.
* Assessed environmental impact through sampling and analysis of effluents.
* Generated reports and recommended follow-up actions for mitigation.

**Process supervisor | Socoril** Feb 2005 – Aug 2005

* Oversaw chemical pipeline cleaning and effluent treatment processes.
* Managed a team of 10, ensuring compliance with safety and environmental standards.
* Implemented process improvements during the development of pipe purification.

**Operator | Palerva** Jan 2004 – Feb 2005

* Managed food production tasks, including quality control and sample collection.
* Ensured compliance with hygiene and safety standards throughout production.
* Conducted routine quality checks to maintain product standards.

**COMPUTER SKILLS**

Office Productivity: Microsoft Office

Programming: Java, Android SDK, Android, SAP R/3 PP, SAP R/3 QM, Java Script

**LABORATORY SKILLS**

Analytical balance, gram balance, turbidimeter, pH meter, Brookfield viscometer, microscope, magnetic stirrer, heating plate, centrifuge, water bath, atomic absorption spectrophotometer, autoclave, conductivity meter, densitometer, automatic titrator, laboratory oven, laboratory refrigerator.