

LECTURER'S VITAE

IAEA-ARGONNE TRAINING COURSE

Name: JOSEPH (JOE) CARIGNAN

Present Position: CONSULTANT

Affiliation: CARIGNAN & ASSOCIATES LLC (CCA)

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Scope of Present Duties:

Principal owner ofCAA.

Most Relevant Past Experience:

Mr. Carignan has over thirty five years of progressive and diverse nuclear experience from operations and training to project management and decommissioning. He has been involved in some aspect of most commercial utility decommissioning projects and has over 25 years of decommissioning related experience: domestic and international.

In January 2015, Mr. Carignan formed Carignan & Associates LLC to provide support services to the nuclear industry focusing on Decommissioning Services, Operational Readiness Assessment support, training and management support. He recently developed and presented Decommissioning Cost Estimating Workshops to the Canadian Nuclear Laboratory personal at Chalk River and Whiteshell Sites.

Mr. Carignan's first experience in decommissioning was as the Operations Manager on the first U.S. large scale decommissioning project: Shippingport Station Decommissioning Project.. He was responsible for many aspects of the program including facilities management; coordinating day to day D&D work activities and work release for site and contract personnel. He was the Emergency Operations Coordinator for all site emergencies as well as responsible for operations, maintenance, and system deactivation and turnover.

Mr. Carignan's other decommissioning experience included supporting projects such as:

- Big Rock Point Nuclear Power Plant (NPP) Decommissioning
- Humboldt Bay NPP Decommissioning
- Connecticut Yankee – Bechtel Support
- Saxton concrete removal project
- Cintichem
- Hanford Restoration Project
- RMI Decommissioning Project
- IAEA Missions including Romania, China, and Austria
- Supported the dismantlement of 2 large scale fossil projects.
- Subject Matter Expert for the development of TVA's Decommissioning Cost Studies

Working for General Electric Company, Mr. Carignan worked as Senior Reactor Operator (SRO) instructor and on shift advisor. Contributed to development and implementation of the Symptom Based Emergency Operating Procedures and the Safety Parameter Display System; now industry standards. d

Educational Background:

B.S. in Chemistry with minors in math and computer science. Previously qualified as:

- Senior Reactor Operator Certification
- Root Cause Analyst
- Certified as SRO Training Instructor/Lead Instructor (GE)
- MORT and KT Training (Decision Analysis and problem solving training) (TVA)
- Total Quality Management Training and 50.59 (TVA)
- Safety evaluation training and certification (TVA).
- US Navy Nuclear Power Submarine Program - Operator, ELT & Radiological controls

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