

Decommissioning Support Services

Planning - Cost Estimating – Training – Project Management – Oversight/Assessments

Mission:

Provide In-Depth support services to the nuclear industry with a focus on Decommissioning related challenges

Clients include:

Argonne National Labs
 San Diego Gas and Electric
 University of Wisconsin
 EnergySolutions
 RSCS
 Mega-Tech
 LaGuardia and Associates
 ETAS
 SC&A
 Canadian Nuclear Laboratory
 IAEA
 Lawrence Berkeley Labs
 Canadian Nuclear Safety Commission
 NUDECOMM
 Various "Confidential" Clients



Joe Carignan – Principal

- Senior Reactor Operator (SRO) Certification
- Senior SRO Instructor
- USN Submarine Veteran
- Commercial and Government Projects
- Readiness Performance Assessments – Operating Power Plants and Decommissioning Projects
- Sales & Marketing
- Proposal Development/Procedures/Plans
- Project Management

Carignan & Associates LLC
 6858 Village Lake Circle
 Chattanooga TN 37412

Phone: 423.596.5079
E-Mail: JECarignan@aol.com
Website: CarignanLLC.com

Over 40 years of nuclear experience with specific expertise in preparing Decommissioning Cost estimates (DCE,) planning, training, oversight, and project management.

Decommissioning Projects & Experience include:

- Project Management support – Portsmouth Ohio
- 100-page detailed report on key U.S. project management practices
- DCE and plan for large Research Reactor (confidential)
- Numerous DCEs for Lawrence Berkeley National Laboratory
- Due Diligence Review for Major D&D Company purchase
- San Diego Gas & Electric - *Oversight decommissioning training and consulting support services on Decommissioning*
- Nuclear Ship Savannah – *Assessment of cost estimates and preparation of the Decommissioning Plan*
- San Onofre Nuclear Generating Station – *Risk Analysis support.*
- IAEA – 7+ *Expert missions – Training/Cost Estimating/Risk Man*
- Big Rock Point NPP Restoration Project – *Cost Study*
- Humboldt Bay Decommissioning – *Cost, Schedule/Project Controls*
- Saxton Nuclear Decommissioning - *Support*
- Reactive Metals Incorporated Decommissioning – *Project Management, oversight and support*
- US DOE Savannah River Site – *Project oversight activities*
- Ontario Power Generation - *Cost Estimates*
- Shippingport Decommissioning Project – *Operations Manager*
- NASA Plum Brook Research Reactor Decommissioning – *Performance Assessments*
- Comal Fossil Restoration Project – *Cost Estimate and oversight*
- DOE Assessment support at Hanford Site

Training Support includes Argonne National Laboratory (ANL) and International Atomic Energy Agency (IAEA).

- ANL - Decommissioning cost estimating, project management and related topics (4 to 5 times a year for over 15 years)
- IAEA - "subject matter expert" for numerous training, planning and cost estimating support.
- Canadian Nuclear Laboratories – Developed and conducted Training and Cost Estimating Workshops (over 100 personnel)

Performance Assessments / Oversight - numerous readiness assessments for NPPs and Department of Energy sites; Operational Readiness Reviews and INPO Assessment activities.

- 8 INPO Mid-cycle and over 18 Maintenance, Technical and Operations Readiness Assessments for all three TVA Sites
- Assessments of the Hanford Tank Farms and Bechtel Support
- Established TVA's Nuclear Oversight Department

Numerous presentations/papers relating to decommissioning cost estimating, planning, lessons learned, and transitioning.

- Utility Working Conferences
- Electric Power Research Institute (EPRI)
- TLG Decommissioning Conferences
- IBC Nuclear Decommissioning Conferences
- American & Canadian Nuclear Societies
- International Atomic Energy Agency/Argonne