

## Conquering Today's Nuclear & Environmental Challenges for a Better Tomorrow

# CEG



### Capital Energy Group

Capital Energy Group, LLC (CEG) is a Small Woman Owned Business Enterprise and privately held company that specializes in niche projects performing Commercial and Federal Nuclear Facility Decontamination, Demolition, PAAA Radiological and Non-Radiological Projects, Emergency Response, Asbestos Abatement, Beryllium Abatement, Lead & Mercury Clean-Up, Hazardous Material Removal, Environmental Remediation, Deconstruction, Decommissioning, Heavy Equipment Removal Segmentation and Salvage Operations.



#### Safety is Our Core Value

Capital Energy Group's health, safety and environmental (HSE) culture is driven by our uncompromised values. At CEG, we believe the well-being of our people is fundamental to our success. We approach EH&S from a combination of core principles and extensive knowledge obtained over many decades of experience. Year after year we are ranked as one of the safest companies in our industry, and we have set the safety standards by which other demolition and environmental companies are judged.

Our time-tested values of safety excellence and integrity ensures the quality and well being of our people and projects.

CEG is committed to developing a caring, preventive safety culture across our organization. Safety drives the actions of every employee at every location, every day. Our people deserve it. Our clients demand it. Our performance and reputation depends on it.

We are Safer Together,

Thomas G. Coldwell

SMS, OHST, CHST, STSC

CEG Vice President of EH&S

#### Overview



Capital Energy Group (CEG) safely selfperforms demolition, environmental, and nuclear emergency response of high-risk, technical radiological and nonradiological complex projects and programs at commercial nuclear, power plants, and DOE government Manhattan Project hazardous legacy waste sites.

Our personnel ensure operational integrity and apply rigorous safety procedures that enable effective and responsible solutions to our projects.



CEG Personnel Performed the First DOE Complex Open-Air Demolition of a Hot Cell

## Providing Effective Solutions & Professional Services



CEG regularly addresses the complex radiological, chemical and hazardous materials found in DOE and Commercial Nuclear facilities, refineries, chemical plants and manufacturing facilities, and utilizes proprietary technology, specialty equipment, licensing, and the comprehensive field experience of highly skilled management and site personnel, complimented by local unions, to safely and efficiently complete each project. We have performed these projects under both the Demolition FAR and Construction FAR.





CEG Performed the First and Only Remediation and Removal of the Process Waste Lines and Liquid Low Level Waste Lines from the Original Hot Cells of the Manhattan Project at ORNL

## Providing Effective Solutions & Professional Services



We utilize our own in-house project We utilize our own in-house project management teams supported by our corporate office executive management, that routinely go back into the field to manage projects, over each of our specific industry sites. Our in-house site project managers are subject matter experts (SME's) that have on average over 30-years in the field performing the related scope of the projects they are assigned to oversee. CEG governmental and commercial nuclear site management teams work to a proprietary Project Execution Plan (PEP) and a Work Breakdown Structure (WBS) system that is governed under our Project Management Operational Playbook.





1200 Centrifuge, 1600 Centris, & 9207 Biology UHD Radiological Demolition at K25/ETTP/Y12



#### **Founders**



Capital Energy Group, LLC was founded by the McNamara Family after a purchase and federal novation from a previous employer where the McNamara's worked and managed the Federal and Commercial Nuclear Group. The company was rebranded as CEG to incorporate additional project services to the nuclear industry.

#### **Our Founders**

Jordan McNamara, Principal Managing Member & CEO
Thomas McNamara, COO & President



#### CEG's Principal Managing Member & CEO

Jordan McNamara, Principal Managing Member and CEO of Capital Energy Group (CEG), brings more than a decade of executive experience in the nuclear and environmental industry. Prior to CEG, Jordan was the Chief HRO, CFO, and General Manager for DEMCO Power Services Group where she oversaw all business and HR operations across multiple departments making sure company goals were attained in a productive and effective manner.

Jordan brings forth a results-oriented track record in managing staff, projects, vendors, and a multitude of business operations that has continually led to company growth and advancement across numerous sectors. She has a passion for excellence and believes it is CEG's dedicated safety driven employees that are the best partners to continued success within the company and industry at large.

Jordan holds a BS in Marketing and Entrepreneurship from The University of Tennessee's Haslam College of Business.



Turkey Point Nuclear Station Large Component Removal Project





Thomas J. McNamara
Chief Operations
Officer/President

- >37 Years of Executive Management In Power And Governmental Markets
- >37 Years of Commercial Nuclear Experience
- >23 Years of DOE, DOD, NAVSEA, USACE D&D and Specialty Operations
- >\$4B in Managed Commercial Nuclear And Government Projects (DOE, DOD, NAVSEA, USACE D&D)
- Former Nuclear Power Utility and Construction Executive, BWR & PWR Nuclear Containment Specialist.
- Nationally Recognized Operations SME in the Nuclear Power and Federal D&D Industries

John C. Lexo Executive Vice President

- >46 Years of Managing Demolition and Environmental Projects at Commercial Nuclear Facilities, Power Plants, DOE, DOD, USACE, and General Industrial Sites
- >\$2B in Managed Commercial Nuclear and Government Projects (DOE, DOD, NAVSEA, USACE D&D)
- Former Business Executive & Owner of BORET Construction Group
- Former US Army J2 Intelligence Officer
- Nationally Recognized D&D and Environmental SME

Thomas G. Coldwell Vice President EH&S QA/QC

- >32 Years of Managing Demolition, Construction, and Environmental Projects at Commercial Nuclear Facilities, Power Plants, DOE, DOD, USACE, and Oil Facilities
- >\$500M in Managed Commercial Nuclear and Government Projects (DOE, DOD, NAVSEA, USACE D&D)
- Degreed & Certified Safety and IH Professional: SMS, OHST, CHST, IH, STSC
- Former US Army Combat Medical Specialist
- Nationally recognized D&D and Environmental SME



C537 Switchyard Project





#### **Company Officers:**

Jordan T. McNamara, Principal & CEO

Email: <u>imcnamara@capitalenergygroup.com</u>

Phone: (865) 936-4750 / FAX: (865) 381-1260

Cell: (865) 599-6723

Thomas J. (T.J.) McNamara, COO & President

Email: <a href="mailto:tmcnamara@capitalenergygroup.com">tmcnamara@capitalenergygroup.com</a>

Phone: (865) 936-4750 / FAX: (865) 381-1260

Cell: (410) 441-0166

#### **Company Information:**

State Incorporated: Delaware

States Licensed: 17

EIN: 84-3190384

Dun & Bradstreet: 117223059

Cage Code: 8FPR9

Bonding: \$45,000,000.00

NAICS: 562910, 238910, 238990, 237990,

541620, 561320, 561330, 561499,

562119, 624230



#### Safety Information



Description	2021	2020	2019
Number of Hours Employees Worked in Year/ Number of Employees	31,769/ 15	24,724/ 12	22,056/ 11
Number of Fatalities, if any, During Year	О	O	О
Number of Lost Workday Cases	O	O	О
Number of Cases as Defined as Recordable with Restricted/Light Duty	O	О	O
Number of Cases Defined as Recordable, but Without Lost Workdays	O	O	o
Total Number of Cases (M) (Not Workdays)	О	О	О
Recordable Injury Frequency Rate* (RIFR)	O	O	О
Lost Time Incident Rate (LTIR)	О	О	О
Days Away, Restrictions and Transfers (DART)	O	O	О
Total Number of Lost Workdays, Not Cases	О	О	O

## Providing Effective Solutions & Professional Services



From cradle to grave, large scale D&D services, technical operational management, capital projects, nuclear emergency response, or hazardous environmental remediation and clean-up; CEG is the single source turnkey provider for all your facility needs.

- Capital Projects
- Abatement
- Craft and Staff Management
- Rigging
- Facility Modifications
- Outages, Shutdowns, Turnarounds
- NDE, NDT

- Surgical Equipment Removal
- Nuclear Emergency Response
- Major Radiological Contaminated Equipment Segmentation
- Plant Decommissioning,
   Demolition, Deconstruction,
   Dismantlement, and Salvage









#### Services

#### **Demolition & Remediation Services**

- Dismantlement & Relocation
- Equipment Rigging
- Large Component Removal
- Conventional Demolition
- UHD & High Reach Demolition
- Radiological Demolition
- Implosion/Controlled Structure
   Collapse
- Ferrous & Non-Ferrous Metal Processing
- Emergency Response Services
- Material Characterization & Stabilization
- Material Loading & Shipping for Disposal

- Low Level Radiological Remediation
- Lead, Mercury & PCB Remediation
- Identification, Handling & Containerization of Hazardous Materials
- Radiological Water Removal and Disposal
- UST Cleaning, Removal & Site Restoration
- Emergency Containment & Spill
   Response for Hazardous Materials
- Manifesting, Transportation & Third-Party Disposal of Hazardous & Non-Hazardous Waste









ORNL Building 7001
Radiological Demolition & ACM





#### **Decontamination and Hazardous Material Services**

- State-of-the-Art Engineering
   Controls
- Hazmat Abatement
- ACM Abatement
- Beryllium, Mercury, Lead Abatement
- Mold Abatement
- Chemical Decon
- Rad Decon
- Mechanical Decon
- PCB Oil Removal
- UHP Blasting & Cleaning Services

- Removal, Transportation & Disposal of Sludge, Liquids & Solid Industrial Residue and Waste
- PAAA
- Line Purging & Flushing
- Removal, Encapsulation & Enclosure of Asbestos Containing Materials
- Transportation & Disposal of Hazardous Materials









Tank W1A Building & Soil Remediation and Removal





#### **CEG - PMP Group**

Is a multi-disciplinary staffing and technical consulting division of Capital Energy Group, LLC offering long and short term augmented staffing solutions to support demolition, environmental and capital projects for our M&O clients in the commercial nuclear, federal, power, and industrial construction industries.

#### **Project Management & Specialty Services**

CEG - PMP recognizes the complexities involved in staffing large industrial construction, nuclear and specialty utility projects. Our Project Staffing Method promotes consistent practices in the evaluation and placement of associates and assures alignment with project-specific goals and objectives. The employee staffing process is designed to integrate our client's need and the project scope in the evaluation of candidates.



"On behalf of the Projects Group, I wish to extend my appreciation to the Project Staff and Executive Management of CEG who have contributed to the success of the Yokogawa Recorder Control Room Project and the Emergent Outage I&C Containment Project at FPL's St. Lucie & Turkey Point Nuclear Power Facility"

William Wallach FPL Projects Group



#### **Professional Support Solutions**

- Project Management Support Staff
- Project Controls, Planning and Scheduling
- I&C Planning, Engineering & Technicians
- QA/QC Program Management
- Asbestos/Lead Abatement Specialists
- Craft Supervision
- Field Engineers
- Cost Engineering & Estimating Staff Support
- Industrial Safety Professionals
- Cyber Security



C537 Switchyard Project







#### CEG's Founders & Management Providing Effective Project Solutions Over the Last 15 Years



- Over 750 projects completed in the Commercial Nuclear industry, DOE, DOD, NAVSEA, Power, and USACE.
- CEG is a national leader in self performing nuclear decommissioning, demolition, environmental, LCR, segmentation of large-scale equipment, and outage projects.
- CEG offers unparalleled safe successful solutions and predictable quality for our client's ongoing operations, critical path and emergency response projects.











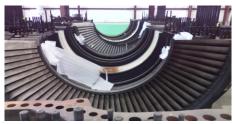
Connecticut Yankee, Yankee Rowe, Trojan, Rancho Seco, Zion D&D & Large Component Removal, Segmentation, and Disposal



#### Commercial Nuclear LCR Projects



















- McGuire Steam GenSegmentation & Disposal
- St. Lucie Steam Gen
   Segmentation & Disposal
- Turkey Point CPU & Resin Tank Segmentation & Disposal
- North Anna LP & HP Turbine Segmentation & Disposal
- Yankee Rowe Vapor
   Containment Segmentation &
   Large Component Removal



#### Commercial D&D Nuclear Projects





- Yankee Rowe Generating Station
- Maine Yankee Reactor Building & Pipe Tunnels
- Connecticut Yankee Generating Station
- Rancho Seco Reactor Building
- Zion Reactor Building Equipment Hatch Expansion & Asbestos Abatement
- Trojan Power Block & Reactor Building
- LaCrosse Site Decommissioning Management

#### Fossil - Total Plant LCR & Deconstruction Projects



- JEA/FPL Jacksonville Power Station
- Exelon Cromby Power Station
- FPL Putnam Power Station
- RG&E Russell Power Station
- Santee Cooper Jefferies
   Power Station
- ConEdison Brooklynn Tank
   Farm & Power Station
- CSW Concho Power Station
- CSW Weleetka Power Station
- Progress Energy Higgins Power Station

- Progress Energy Turner
   Power Station
- Clark Port Arthur Power
   Station
- Valero Paulsboro Power Station
- TN Gas Transco Power Station
- NGPC Omaha Power Station
- FG&E Fitchburg Power Station
- TVA Holly Power Station





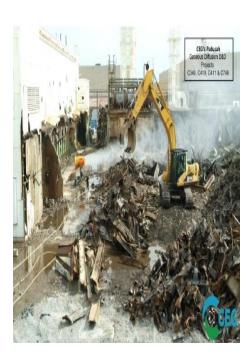


## Capital Energy Group, LLC DOE DD&R Projects

"The Small Business Company With A Large Business Resume"











ORNL Y12 PGD SRS ETTP

Department of Energy Facility	D&D, ACM, Rad, Beryllium, Transite, Mercury,	
	Lead, Demolition Projects	
Portsmouth Gaseous Diffusion Plant	X333 Bulk ACM, Test Facility, D&D Building Estimates	
Paducah Gaseous Diffusion Plant	C333, C537 Switchyard, C340, C627, C746, C400,	
r dadean Gaseous Birtasion Flant	R-114 BOA	
East Tennessee Technology Site (K25)	1200 Centrifuge, 1600 Centrifuge, Tank W1A,	
	Witherspoon, 1630, 1420, K27, K29, 5-Year D&D	
	BOA, 5-Year HE BOA	
Oak Ridge National Laboratory	CRSF, 2644, 7914, 7914A, 7915, HFIR Micropiles	
	& Remediation, MPOB GC, 4500S, 4500N Data	
	Center, 3500 Area PWL/LLWL, 6000B, 4505, 7065,	
	7040, 7001, 7000 Area, 2018 Small Suites DD&R,	
	2019 Small Suites DD&R, Melton Valley, Storage	
	Area 4, OHSL, PAM	
Fernald National Laboratory	Plant S Complex	
Rocky Flats Environmental Technology Site	771, 707, 774, 776, 777, 779, 560, Tanks, 123	
Hanford National Laboratory	2322, 748	
Idaho National Laboratory	AMWTP, Reactor Dome	
Argonne National Laboratory	Juggernaut Reactor, 301 Hot Cell, 310, 340, 410	
Lawrence Livermore National Laboratory	212, 431	
Princeton Plasma Physics Laboratory	D-Cell, PBX, AVL, C-Site, Reactor Turbine,	
	I&C/Electrical SA	
West Valley National Laboratory	Boiler House	
Savannah River National Laboratory	320M, 322M, 284F, 730, 731, 732, 733, 734	
Mound National Laboratory	Test Facility, D&D Services	
Los Alamos National Laboratory	TA21, TA53	
Y12 NNSA	Biology Complex Building 9207 UHD, OHF Facility,	
	D&D Task Order 101 & 104	
Commercial Nuclear Sites		
	D&D, ACM, Rad, Transite, Specialty Projects	
Yankee Rowe Nuclear Generating Station	Full Site D&D	
Connecticut Yankee Nuclear Generating Station	Full Site D&D Full Site D&D	
Connecticut Yankee Nuclear Generating Station Trojan Nuclear Generating Station	Full Site D&D Full Site D&D Reactor Building	
Connecticut Yankee Nuclear Generating Station Trojan Nuclear Generating Station Rancho Seco Nuclear Generating Station	Full Site D&D Full Site D&D Reactor Building Reactor Building	
Connecticut Yankee Nuclear Generating Station Trojan Nuclear Generating Station Rancho Seco Nuclear Generating Station Main Yankee Nuclear Generating Station	Full Site D&D Full Site D&D Reactor Building Reactor Building Reactor Cavity, Pipe Tunnels, BOP	
Connecticut Yankee Nuclear Generating Station Trojan Nuclear Generating Station Rancho Seco Nuclear Generating Station Main Yankee Nuclear Generating Station Zion Nuclear Generating Station	Full Site D&D Full Site D&D Reactor Building Reactor Building Reactor Cavity, Pipe Tunnels, BOP Reactor Building, BOP	
Connecticut Yankee Nuclear Generating Station Trojan Nuclear Generating Station Rancho Seco Nuclear Generating Station Main Yankee Nuclear Generating Station Zion Nuclear Generating Station Exelon Nuclear Fleet (21 Units)	Full Site D&D Full Site D&D Reactor Building Reactor Building Reactor Cavity, Pipe Tunnels, BOP Reactor Building, BOP Specialty Services, I&C	
Connecticut Yankee Nuclear Generating Station Trojan Nuclear Generating Station Rancho Seco Nuclear Generating Station Main Yankee Nuclear Generating Station Zion Nuclear Generating Station Exelon Nuclear Fleet (21 Units) Florida Power & Light (6 Units)	Full Site D&D Full Site D&D Reactor Building Reactor Building Reactor Cavity, Pipe Tunnels, BOP Reactor Building, BOP Specialty Services, I&C Specialty Services, I&C, I&E, D&D, EPU, SA	
Connecticut Yankee Nuclear Generating Station Trojan Nuclear Generating Station Rancho Seco Nuclear Generating Station Main Yankee Nuclear Generating Station Zion Nuclear Generating Station Exelon Nuclear Fleet (21 Units)	Full Site D&D Full Site D&D Reactor Building Reactor Building Reactor Cavity, Pipe Tunnels, BOP Reactor Building, BOP Specialty Services, I&C Specialty Services, I&C, I&E, D&D, EPU, SA Intake Emergent, CPU, LCR, EPU, SA, I&C,	
Connecticut Yankee Nuclear Generating Station Trojan Nuclear Generating Station Rancho Seco Nuclear Generating Station Main Yankee Nuclear Generating Station Zion Nuclear Generating Station Exelon Nuclear Fleet (21 Units) Florida Power & Light (6 Units) Turkey Point Nuclear Station	Full Site D&D Full Site D&D Reactor Building Reactor Building Reactor Cavity, Pipe Tunnels, BOP Reactor Building, BOP Specialty Services, I&C Specialty Services, I&C, I&E, D&D, EPU, SA Intake Emergent, CPU, LCR, EPU, SA, I&C, Yokagawa DR, Outage Sercives	
Connecticut Yankee Nuclear Generating Station Trojan Nuclear Generating Station Rancho Seco Nuclear Generating Station Main Yankee Nuclear Generating Station Zion Nuclear Generating Station Exelon Nuclear Fleet (21 Units) Florida Power & Light (6 Units)	Full Site D&D Full Site D&D Reactor Building Reactor Building Reactor Cavity, Pipe Tunnels, BOP Reactor Building, BOP Specialty Services, I&C Specialty Services, I&C, I&E, D&D, EPU, SA Intake Emergent, CPU, LCR, EPU, SA, I&C,	
Connecticut Yankee Nuclear Generating Station Trojan Nuclear Generating Station Rancho Seco Nuclear Generating Station Main Yankee Nuclear Generating Station Zion Nuclear Generating Station Exelon Nuclear Fleet (21 Units) Florida Power & Light (6 Units) Turkey Point Nuclear Station	Full Site D&D  Full Site D&D  Reactor Building  Reactor Building  Reactor Cavity, Pipe Tunnels, BOP  Reactor Building, BOP  Specialty Services, I&C  Specialty Services, I&C, I&E, D&D, EPU, SA  Intake Emergent, CPU, LCR, EPU, SA, I&C, Yokagawa DR, Outage Sercives  I&C, Outage Services, Steam Gens Segmentation,	
Connecticut Yankee Nuclear Generating Station Trojan Nuclear Generating Station Rancho Seco Nuclear Generating Station Main Yankee Nuclear Generating Station Zion Nuclear Generating Station Exelon Nuclear Fleet (21 Units) Florida Power & Light (6 Units) Turkey Point Nuclear Station St. Lucie Nuclear Station	Full Site D&D  Full Site D&D  Reactor Building  Reactor Building  Reactor Cavity, Pipe Tunnels, BOP  Reactor Building, BOP  Specialty Services, I&C  Specialty Services, I&C, I&E, D&D, EPU, SA  Intake Emergent, CPU, LCR, EPU, SA, I&C, Yokagawa DR, Outage Sercives  I&C, Outage Services, Steam Gens Segmentation, LCR	







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December 9, 2019

Mr. TJ McNamara DEMCO/CEG Project Manager

#### 4500N Data Center Demolition Task

On behalf of ORNL's Facilities Management Division (Excess Facilities team), we were very pleased with the work that DEMCO/CEG performed on the 4500N Data Center Demolition Task. This project involved significant risks (beryllium, asbestos, electrical Hazards, working in areas where hazards were not visible until components were removed, as well as working in areas with little to no as-built drawings to show hidden utilities/conduits). It was very noteworthy that there were no reported injuries, no exposure to hazardous materials, and the task was completed in a timely fashion. Additionally, your team performed exemplary given the location of the work – in a highly visible area next to many offices. Again, thank you for the excellent work and we welcome the opportunity to work together in the future.

Thanks.

Stew Samon

Steve Laman (Technical Project Officer)

Aaron Hicks (Technical Lead/Project Support)

CEG performs 100% of the work scope on all projects awarded to us with our inhouse staff of nuclear industry Subject Matter Experts (SME's) managing all task operational evolutions, safety, quality, project controls, and our union craft personnel. We will not risk operational integrity or the safety of our workers, our clients, and the general public.





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