



Jump-Starting New Nuclear Development



ADVANCED NUCLEAR ADVISORS

Simplifying Complexity

Everyone is trying to pick
the next generation of
nuclear reactor technology.

We're Not.

ANA's Mission

To jump start the licensing of sites capable of hosting deployment of new reactors



Advanced Nuclear Advisors Provides a NuclearReady Suite of Products & Services



Tools & Processes



Best-in-class processes for identifying, screening, and characterizing sites, materially advancing nuclear development activities and de-risking deployment prior to technology selection.



Dedicated Expertise



Multi-disciplinary team of experts with proven origination, development and both broad and deep nuclear experience. ANA staff achieved the first Early Site Permit for SMRs.



Growing Site & Customer Pipeline

Supporting a growing portfolio of nuclear-ready sites with early-stage development activity and building marketplace relationships.

Our Services

ANA Advisory



Proposal & Grant Services



Management Consulting Services



Nuclear Technology Evaluation



Siting Advisory Services

ANA Project Development



Site Suitability Assessment



Project Scoping, Estimating & Planning



Site Characterization Management



Licensing & Project Structuring Support

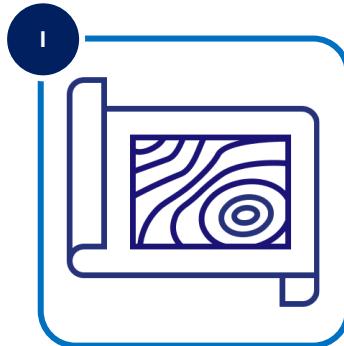
- ANA provides expert consultation across the full lifecycle of nuclear energy, offering technology assessments, strategic advisory, proposal and grant writing, and comprehensive site advisory services
- Examples include:
 - Grant Application Support for Energy Systems Network,
 - NEI Fast Follower Framework report
 - Early Site Permit (ESP) Application Development

- ANA develops nuclear-ready sites to enable new nuclear to meet growing energy demands
- Examples include:
 - Red Flag Report for Private Client for Site Suitability in Texas, Georgia and Florida
 - Site Characterization Planning for Kewaunee site

Navigating New Nuclear Early-Stage Development



Site Suitability Assessment Services



Site Suitability Assessment

ANA's early site suitability assessments combine expert judgment with advanced tools—such as ORNL's OR-SAGE GIS system and Transect's evaluation platform—to quickly identify and eliminate locations with critical constraints, ensuring only the most viable sites move forward.

ANA NuclearReady Offerings

- Red Flag Report
- Site Selection and Feasibility Study
- Legislative Analysis and Grant Application Support
- Business Case Development

Scoping, Estimating & Planning Services

II



Scoping, Estimating & Planning

Our Scoping, Estimating and Planning services provide clients with a schedule, risk assessment, and budget—laying the groundwork for informed investment decisions and successful project execution.

ANA NuclearReady Offerings

- Conceptual Plant Layout – “ANA Green Flag Report”
- State and Local Permitting Plan Development
- QA Program Description and Licensing & Ops Strategy Development
- Owner’s Requirements Development Support
- Site Characterization Plan Development
- Stakeholder Engagement Plan Development

Site Characterization Services



Site Characterization

We provide comprehensive site characterization, planning, and cost estimation services that eliminate uncertainties and reduce investment risks, giving nuclear plant owners the confidence needed for successful Final Investment Decisions.

ANA NuclearReady Offerings

- Management of Geotech, Hydrology, Meteorology, Environmental and Socio-Economic Studies
- Communications and Stakeholder Engagement
- Project Execution Strategy Support

Licensing & Project Structuring Support Services

IV



Licensing & Project Structuring Support

We provide nuclear licensing and regulatory affairs products and services, including managing the interface with NRC. We can also guide key agreement development and support negotiations—such as PPAs, EPC, Financing, and Operating Agreements – and support clients through critical decision gates

ANA NuclearReady Offerings

- NRC License Application Preparation* (ESPA, CPA, COLA)
- NRC Review Management (Communications, RAI Response, Audits, Hearings)
- Electricity Interconnection Support
- Federal, State and Local Agency Consultations
- Key Agreement Negotiations Support (PPA/Off-Take, EPC, Financing, Operations)
- Key Decision Gate Support (Final Investment Decisions/Notices to Proceed)

* With client alignment on reactor technology, plant size & licensing approach

ANA Customers and Projects



Advanced Nuclear Advisors Stands Ready to Serve Your Early-Stage New Nuclear Development Needs



Dan Stout
40+ years' experience: Operations, Fuel cycle, Project Management, Project Development and Licensing, Strategy and Policy



Rosemary Yeremian Needham
30+ years' experience: Strategy, Government Proposal Writing, Business Development, Market Assessment



Kenric England
30+ years' experience: Project Management, Project Development, Risk Management



Lawrence Denney
30+ years' experience: Siting, Project Management, Financing, Major contract negotiation for LWRs, SMRs, and renewables



Ted Coulter
40+ years' experience: Manufacturing, Operations, and Maintenance leadership roles in the US Navy, nuclear, and automation industries.



Thomas Condron
10+ years' experience: Project Management, Operations, and former Naval Nuclear Officer



Frank Helin
40+ years' experience: Project Management, Strategy, Government Proposal Writing, Project Development, and Supply Chain



Edward Davis
40+ years' experience: Project Finance, Engineering, Business Development, and Government Affairs



Chiraaq Gokaldas
18+ years' experience: Power Generation, Oil & Gas, Nuclear Power, Project Financing and Development



Alex Young
10+ years' experience: New Nuclear Project Development, Project Management, Nuclear Power Plant Design, Engineering, and Licensing



Mike McGough
40+ years' experience: Commercial nuclear power, including design, operation, maintenance, modifications, spent fuel management & decommissioning. Previous CCO for NuScale Power



Steven Cuevas
20+ years' experience: Legal Affairs, Corporate Governance, & Government Relations



Dave Schroeder
25+ years' experience: Project Management, Operations, Manufacturing, Licensing, Fuel Transportation.



Niel Kemp
30+ years' experience: Project Development, Design Integration, Project Management, Commercial & Financial Structuring



John Nohacker
8+ years' experience: Project Management, Engineering Operations, Former Naval Nuclear Officer



Jim Speicher
40+ years' experience: Project Management, Operations, Quality and Management Systems



John Ferrara
35+ years' experience: Commercial Nuclear Operations, Project Management, Business Development, Risk Assessment, Strategic Planning and Decommissioning



John Kaminski
8+ years' experience: Operations Management, Process Improvement, Nuclear Operations, Former Naval Nuclear Officer



Ruth Norton
45 years' experience in the utility industry: 25 years in Environmental Assessment and Compliance for nuclear industry, and Environmental Program Management

Dan Stout, Managing Director Advanced Nuclear Advisors



**Dan Stout, Managing Director
Advanced Nuclear Advisors**

Dan Stout has 40 years in nuclear energy leadership roles for the military, government and industry.

Dan is founder and managing director of Advanced Nuclear Advisors, an early-stage developer of new nuclear projects, focusing on site evaluation, site characterization and licensing.

Dan most recently served as Chief Nuclear Officer for Ultra Safe Nuclear responsible for nuclear activities at a 300-person start-up company, including reactor design, nuclear licensing, operations planning, reactor factory production and project management.

Dan served as Director of Nuclear Technology at the Tennessee Valley Authority (TVA), managing the organization's new nuclear activities. He led work obtaining an Early Site Permit in 2019 from the Nuclear Regulatory Commission for TVA's Clinch River Site for deployment of Small Modular Reactors. Prior to TVA, Dan was Director of Nuclear Fuel Recycling for the U.S. Department of Energy (DOE), overseeing planning, policy and technology development. Prior to that Dan managed commercial uranium enrichment activities.

Dan served in the United States Navy as a nuclear submarine officer, as well as in the Naval Reserves in the Naval Special Warfare community, retiring as a Commander. He graduated from the U.S. Naval Academy and earned a Master's in Engineering Management from the National Technological University.



How can we serve you?

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