



ADVANCED NUCLEAR
ADVISORS

Jumpstarting New Nuclear Generation



NUCLEAR DEPLOYMENT LANDSCAPE



LWR



- PROVEN TECHNOLOGY
- LARGE SCALE
- LONG LEAD TIMES
- HIGH CAPITAL COST

SMR



- MODULAR
- LOWER CAPITAL
- SUPPLY CHAIN
- EARLY STAGE

HTGR



- HIGH EFFICIENCY
- HIGH TEMPERATURE
- FUEL FLEXIBILITY
- TECHNOLOGY RISK

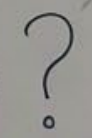
MICROREACTOR



- SMALL FOOTPRINT
- FLEXIBLE DEPLOYMENT
- LIMITED POWER
- EARLY STAGE

CONSIDERATIONS

- ✓ SAFETY
- ✓ COST
- ✓ SCHEDULE
- ✓ SITE REQUIREMENTS
- ✓ FUEL SUPPLY
- ✓ REGULATORY RISK
- ✓ MARKET DEMAND
- ?



DECISION CRITERIA

- REGULATORY PATH?
- PUBLIC ACCEPTANCE?
- INFRASTRUCTURE NEEDS?
- TOTAL COST OF OWNERSHIP?

PROJECT TIMELINE



Additional project details and notes, including a yellow sticky note.

Everyone is Trying to Pick a Reactor Technology.

We're not waiting. We are advancing sites **now to enable **faster project execution.****



Advanced Nuclear Advisors (ANA)

ANA jumpstarts new nuclear deployment by developing **nuclear-ready sites**.

We specialize in:

- ✓ **Site Evaluation**
- ✓ **Site Selection**
- ✓ **Site Characterization**
- ✓ **NRC Licensing**
- ✓ **Strategic Advisory Services**



80% of ANA Staff have 20+ years experience



Led the nation's first SMR Early Site (ESP) Permit at TVA Clinch River



Deep Industry Pedigree
BWXT • Duke Energy • TVA •
X-energy • USNC • US Nuclear
Navy

Solutions Designed Around Client Needs.

ANA Customers and Projects



Our Services



Our Unparalleled Experts

*Combined 660+ Years
of Total Experience*



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



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



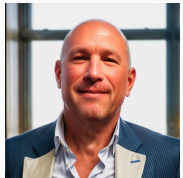
Lawrence Denney
30+ years' experience: Siting,
Project Management,
Financing, Major contract
negotiation for LWRs, SMRs,
and renewables



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



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



Zack Rad
20+ years'
experience:
Licensing Lifecycle
Management,
Regulatory Affairs,
Policy, QA, Executive
Oversight



Chiraag 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



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



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



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



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



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



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



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



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



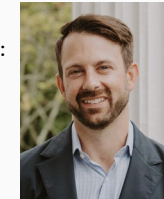
Peter Hastings
40+ year' experience:
Regulatory Affairs,
Execution Leadership,
Strategic Planning,
Program Design &
Development



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



Justin Huber
15+ years' experience:
Engineering Design,
Operations, and New
Nuclear
Design/Construction



Josh Tolbert
15+ years' experience:
Advanced Reactor
Development,
Technology Evaluation
& Commercialization,
Nuclear Licensing &
Regulatory Strategy,
and International
Deployment



Dave Bailey
40+ years'
experience:
PE, Project
Planning, GIS
Engineer,
Management

How can we serve you?

www.advancednuclearadvisors.com