

# **CORPORATE OVERVIEW**

**Sat P. Mahajan**  
**Director, Nuclear Division**  
**Aptech Engineering Services, Inc.**

**408.745.7000x3026**

**smahajan@aptecheng.com**

**Website: [www.aptecheng.com](http://www.aptecheng.com)**

# History and Facts



- Founded in 1979
- Strong Commitment to Research and Development
- Numerous Patents
- Proprietary Software
- Unique Intellectual Property
- More Than 4,000 Projects Completed
- Offices worldwide
- Projects in 20 Countries
- Employee Owned

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**President and CEO  
Geoffrey R. Egan**

**Business Units**

**Fossil Power  
VP  
Terry W. Rettig**

**Nuclear Power  
Director  
Sat P. Mahajan**

**Petrochemical  
Director  
Stephen Anderson**

**Litigation &  
Insurance  
VP  
Kimble J. Clark**

**Industry  
Manager  
Geoffrey R. Egan**

**Service Units**

**Engineering  
Manager  
Michael T. Cronin**

**Office  
Manager  
Wendy Buehler**

**Quality Assurance  
Manager  
Jeffrey L. Grover**

**Special Projects  
VP  
Steven A. Lefton**

**Accounting  
Supervisor  
Michelle Cheung**

**Corporate Organization Chart**

# Positioning Statements

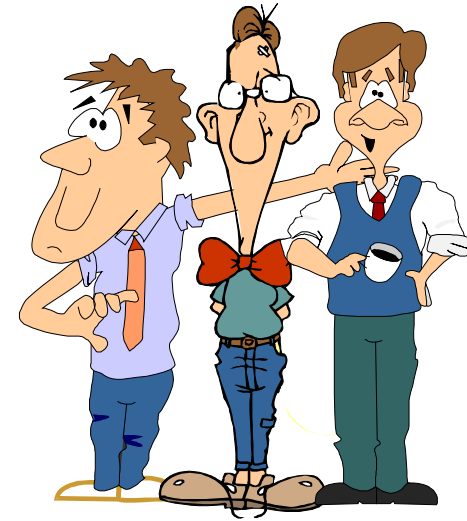
- Dedicated to Applying the Best Technology and Delivering Engineering and Economic Solutions That Optimize the Life Cycle Value of our Clients' Assets
- Our business is built on the reputations and achievements of our people
- APTECH is Applied Technology

## U.S. Office Locations

- Corporate Headquarters:
  - ◆ Sunnyvale, CA
- Houston, Texas
- Charlotte, North Carolina
- Palm Beach Gardens, Florida
- Tulsa, Oklahoma
- Washington, D.C.
- Windsor, Connecticut
- Zanesville, Ohio

# Our Engineering Staff

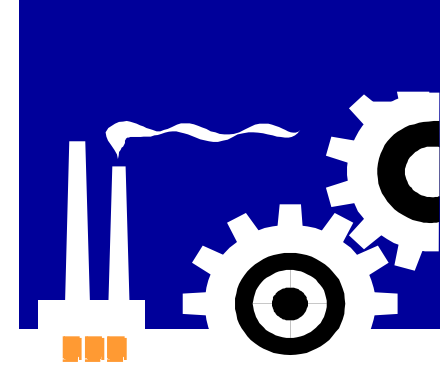
- 75 Personnel Including:
  - ◆ Chemical Engineers
  - ◆ Civil Engineers
  - ◆ Engineering Economists
  - ◆ Failure Analysts
  - ◆ Mechanical Engineers
  - ◆ Metallurgists
  - ◆ Power Plant and Process Plant Engineers
  - ◆ Risk and Reliability Engineers
  - ◆ Safety Engineers
  - ◆ Stress Analysts
  - ◆ Turbine Specialists
  - ◆ Welding Engineers



## Our Business Units

- Fossil Power Services
- Nuclear Power Services
- Petrochemical Services
- Litigation and Insurance Services
- Industry Services

# Fossil Business Unit



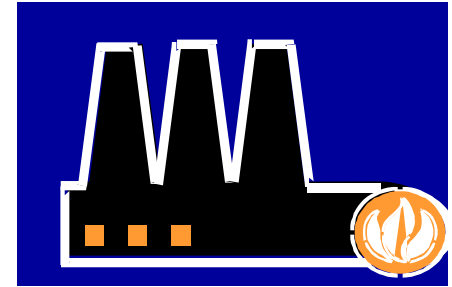
- TubeMod®
- Value Contracting
- Asset Management
- Condition Assessment
- Reliability Improvement
- Problem Solving and Failure Analysis
- Heat Rate Improvement
- Economic Impacts
- Piping Integrity
- Flow Assisted Corrosion
- Probabilistic Analyses
- Remaining Useful Life
- Boiler Modeling
- Cycling ♦ Advisor™
- COSTCOM™
- Risk Based Maintenance
- Database Mgmt.

# Nuclear Business Unit



- Steam Generator Damage Management
- Fracture Mechanics/JCOs
- Piping Analysis
- Risk Informed Inspection - BoP
- Erosion/Corrosion
- Life Extension
- Requalification of Components
- Risk Assessment
- Root Cause Failure Analysis
- OPCON 3.0
- FACEUP
- License renewal

# Petrochemical Business Unit



- RBI Software and Implementation
- Mechanical Integrity
- Accident Investigation
- RDMIP Software
- Pipeline Risk Analysis
- Degradation and Repairs
- Explosion and Fire Services
- Reliability and Risk Analysis
- Operational Integrity
- Condition Assessment
- Risk Based Turnaround Plans
- Process Improvement

# Legal Business Unit



- Engineering Failure Analysis
- Origin and Cause Analysis
- Incident Investigation
- Testing
- Construction Delays
- Weld Quality Reviews
- Forensic Photography
- Accident Reconstruction
- Repair Cost Evaluation
- Subrogation Assistance
- Computer Animation
- Seismic Moment Frame Analysis

# Industrial Business Unit



- Design Optimization
- Economic Analysis
- Forecasting
- Ignition Testing
- Failure Analysis
- Seismic Upgrades
- Combustion Testing
- Mechanical Testing
- Structural Analysis
- System Reliability
- Welding Metallurgy
- Repair/Replace/Run