

# Regulatory Programs and Special Projects



As a result of reduced electricity prices, aging equipment and attrition of knowledge-base, nuclear utilities are facing a new challenge to effectively meet requirements for Regulatory Programs and Special Projects (PSPs). AREVA has a highly trained staff that can help address these requirements with an optimal, cost-effective solution.

AREVA can help by supporting and/or running your Regulatory Programs and Special Projects efforts to ensure that you don't miss a beat. There is a total listing of 123 PSPs including 19 Programs by the Standard Review Plan (NUREG 0800) and 104 Special Projects (INPO and NRC Generic Communication) to be addressed.

AREVA is prepared to support customers' PSP requirements with three different levels of teaming options:

1. AREVA can manage selected PSPs for our customer
2. AREVA can lead and our customer will support
3. Our customer will continue to run PSPs with support as needed by AREVA.

No request for assistance is too large or too small. We will meet customer needs and we intend to exceed their expectations.

By combining engineering expertise with equipment and system knowledge, rigorous project management experience and regulatory expertise, our customers will benefit from AREVA's ability to implement the best approach and to help them control costs while achieving and/or maintaining a high-performance level.

## Benefits

- Specialized in engineering, operations, training, licensing and executive leadership
- Ability to customize a PSP program to meet your specific needs
- Cost savings while achieving/maintaining a high-performance level
- Best practices gleaned from vast nuclear power plant engineering experience

## Examples of Programs and Special Projects

### Programs by the Standard Review Plan (NUREG 0800)

- Environmental Qualification including:
  - EQ Binder updates
  - EQ Testing with our new state-of-the-art EQ Testing ovens
  - Seismic Testing with our new state-of-the-art shaker table
- Emergency Planning
- Fire Protection
- Maintenance Rule

### Special Projects (INPO and NRC Generic Communication)

- Equipment Reliability (INPO AP-913)
- Chemistry: Boric Acid Corrosion Control
- Civil: Cranes, Hoists and Lifting Devices
- I&C and Electrical: Instrument Setpoint Register
- Equipment & Mechanical:
  - Commercial Grade Dedication
  - Air Operated Valves
  - Check Valves
  - In-situ Motor Testing

- Licensing & Environmental:
  - Licensing and Design Basis Databases (Civil, Electrical, Mechanical, etc.)
  - Plant Life Extensions to beyond 40 and beyond 60 years
  - Power Uprates
  - FLEX
- Nuclear Analysis:
  - Probabilistic Risk Analysis (PRA)
  - Accident Analysis (LOCA, Non-LOCA, Topical reports for Special Circumstances, etc.)
- Procedures:
  - Maintenance Surveillance Procedures
  - EOP Support
  - SAMG
- Security: Cyber Security
- Training: Core Damage Accident Control and Mitigation Training

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## Total list composed of 123 Programs and Special Projects

As you look to fulfill your Regulatory Required PSPs, look to AREVA's integrated team of nuclear professionals to help you successfully submit verified and validated responses. Our goal is to help ensure you achieve **GREEN** status for your Program, System and Component health reports. We will help you develop and implement your road to **GREEN** and your action plan to maintain it **GREEN**.

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