



**RESUME**

**JAMES A. KAY**

**SUMMARY**

Mr. Kay has over 38 years of nuclear experience conducting engineering design reviews, managing operating plant technical programs, and conducting Nuclear Regulatory Commission (NRC) licensing, decommissioning, and site closure activities.

Mr. Kay is currently the Licensing Manger for the Areva Enrichment Services (AES) Eagle Rock Enrichment Facility to be built in Idaho Falls, ID. Previously, he was responsible for providing licensing expertise to the U.S EPR Detailed Design Engineering project and supervised the Licensing Engineering group responsible for the regulatory compliance demonstration process for the U.S. EPR Design Certification project.

His operating plant licensing experience includes successful conduct of the SEP Integrated Assessment for the Yankee Nuclear Power Station (YNPS), strategy and correspondence preparation to NRC concerns, including the Technical Specification change for the YNPS dual-rack storage for the Spent Fuel Pool, exemption for reactor vessel level instrumentation system implementation, and concept for the control room emergency air filtration system.

He has also provided licensing oversight of activities associated with transfer of spent fuel from wet to dry storage, prepared the 72.212 compliance documentation, and necessary regulatory exemptions for fuel transfer. Mr. Kay also participated in preparing submittals and strategy for the NRC litigation and hearing process associated with Yankee Nuclear Power Station Decommissioning Plan approval.

**EDUCATION/  
 TRAINING**

- MS, Management, Lesley College, 1995
- MS, Nuclear Engineering, University of Lowell, 1981
- BS, Mechanical Engineering, University of Rhode Island, 1972
- Management Training Program, Bentley College, 1986
- Fundamentals of Instructional Delivery Skills, Gilbert Commonwealth, Inc., 1984
- Management Institute, Worcester Polytechnic Institute (WPI), 1983
- Root Cause Analysis Training
- Lead Awareness Training
- Asbestos Awareness Training
- 50.59/72.48 Evaluation Training
- Skills of Utility Management, Electric Council of New England (ECNE)
- Sales and Proposal Development Training

**PROFESSIONAL  
 AFFILIATIONS/  
 CERTIFICATIONS**

- Certified Administrator, Quality Service Everytime (QSE) Program, 1995
- Certified Engineer-in-Training (EIT), 1972



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### EXPERIENCE

8/09-present

***Licensing Manager***  
***AREVA Enrichment Services LLC***

Managing the project licensing activities to procure a Materials License for the Eagle Rock Enrichment Facility to be built in Idaho. Responsible for preparing and coordinating communications and correspondence with state and federal regulatory agencies, regulatory compliance with commitments and development of regulatory strategy.

2/05-8/09

***Licensing Engineering Supervisor/Advisory Engineer***  
***AREVA NP Inc.***

Responsible for providing licensing expertise to the U.S. EPR Detailed Design Engineering project. Supervised the Licensing Engineering group for the U.S. EPR Design Certification project. Responsible for the regulatory compliance assessment process for the U.S. EPR design conversion and demonstration of compliance with applicable regulations and acceptance criteria. Prepared the U.S. EPR Design Description to support the NRC pre-application review process.

12/97-2/05

Managed site licensing activities at the Yankee Nuclear Power Station (YNPS) for Yankee Atomic Electric Company (YAEC). Responsible for preparing and coordinating communications and correspondence with state and federal regulatory agencies for nuclear power station decommissioning and site closure activities. Participated in the YAEC oversight of Fuel Transfer Operations Contractor (FTOC) activities to transfer spent fuel from wet to dry storage at YNPS, prepared the 72.212 compliance documentation and necessary regulatory exemptions for fuel transfer. Participated in the development of EPRI TR-109032 (NEI 98-02), "Regulatory Process for Decommissioning Nuclear Reactors," dated March 1998 and EPRI Interim Report 1001030, "Decommissioning Pre-Planning Manual," dated November 2000.

1995-11/97

***Principal Licensing Engineer***  
***Yankee Atomic Electric Company***

Responsible for preparing and coordinating communications and correspondence with state and federal regulatory agencies for all decommissioning activities at the Yankee Nuclear Power Station in Rowe, Mass. Served as a team participant in the detailed planning and scheduling of the plant's decommissioning. Also, served as the principal lead on the litigation team established for the plant's Decommissioning Plan hearing process. Prepared the Post-Shutdown Decommissioning Activities Report (PSDAR) and associated Environmental



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<p>1985-1994</p>	<p>Review for the Connecticut Yankee Nuclear Power Station under the new Decommissioning Rule.</p> <p><b><i>Technical Services Manager</i></b>  <b>Yankee Atomic Electric Company</b></p> <p>Managed a diverse, multidisciplinary department at the Yankee Nuclear Power Station, which included fire protection, quality assurance (QA), licensing interface with the NRC, 10CFR50.72 and 50.73 reportability determinations, plant communications, human performance enhancement systems and root cause analyses, emergency preparedness, commitment tracking, and hazardous waste and asbestos control.</p>
<p>1979-1985</p>	<p><b><i>Licensing Engineer/Senior Licensing Engineer</i></b>  <b>Yankee Atomic Electric Company</b></p> <p>Coordinated NRC communications and correspondence, and developed responses to NRC inquiries and concerns for the Yankee Nuclear Power Station, including the Technical Specification change for dual-rack storage for the Spent Fuel Pool. Developed the Yankee Systematic Evaluation Program Integrated Assessment. Coordinated strategy and submittal preparation for the successful reactor vessel level instrumentation system (RVLIS) exemption. Convinced NRC staff to accept Yankee's proposed control room emergency filtration system concept.</p>
<p>1972-1979</p>	<p><b><i>Mechanical Engineer</i></b>  <b>Yankee Atomic Electric Company</b></p> <p>Performed extensive conceptual design reviews and evaluations of nuclear steam supply system (NSSS) and balance-of-plant (BOP) fluid systems for the Seabrook, NH, Charlestown, RI and Sears Island Project in Maine.</p>