Marc Dapas

Dapas Consulting Services, LLC

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**Experience:** Over 36 years of leadership experience in the nuclear field including operation, regulation, licensing, inspection, event response, emergency preparedness, physical and cyber-security protection, materials source security, decommissioning (fuel facility, reactor, and complex materials facilities), spent fuel storage and transportation, low-level and high-level waste, uranium recovery, and international assistance/cooperation.

**Nuclear Safety Review Boards**

2019 Safety Review Committee (SRC)

As an external member of the SRC for the Entergy utility since March of 2019, independently assess activities in the performance improvement/oversight functional area at seven nuclear plants on a semi-annual basis, as well as the corporate office. Assigned areas of responsibility include implementation of the corrective action program, onsite safety review committee function, regulatory assurance function (to include licensing and NRC inspection readiness), quality control inspection program, quality assurance audit function, and the employee concerns program. Also evaluated the engineering and decommissioning programs at two different plants. Performed evaluations in connection with 12 SRC assessments in 2019.

2019 Safety Review and Audit Board (SRAB)

As an external member of the SRAB for Nebraska Public Power District since November of 2019, independently assess on a semi-annual basis activities at the Cooper Nuclear Station (CNS) for nuclear safety considerations and report findings, conclusions, and concerns/recommendations to the Chief Nuclear Officer. This involves evaluating emergency preparedness, performance improvement, licensing/regulatory affairs, security/cyber-security, quality assurance/control, and employee concerns programs at CNS.

2019 Corporate Nuclear Safety Review and Audit Board (CNSRB)

As an external member of the CNSRB for Energy Northwest since December 2019, chair the Organizational Excellence Committee in assessing performance, on a semi-annual basis, at the Columbia Generating Station in the functional areas of security, performance improvement/corrective action program, integrated risk management, emergency preparedness, industrial safety/human performance, regulatory affairs, and safety culture/employee concerns program.

**United States Nuclear Regulatory Commission**

2016 – 2019 Director, Office of Nuclear Material Safety and Safeguards (NMSS)

Senior agency executive responsible for leading an office of over 300 technical and administrative staff with a budget of $171 million, to license and regulate nuclear materials in a manner that adequately protects the public health, safety, and the environment. Led the implementation of programs to provide for the physical security of nuclear materials and waste, as well as the protection against radiological sabotage, theft, or diversion of specific materials. Responsible for regulatory oversight of fuel cycle facilities; uranium processing facilities; nuclear materials users (medical, industrial, research, and academic); spent fuel storage and transportation; decontamination and decommissioning of reactor and complex materials facilities; and both low-level and high-level radioactive waste.

Accomplishments include leading change to instill a risk-informed culture across the organization, significantly improving the quality of work products, and chairing the Radiation Source Protection and Security Task Force, comprised of representatives from 14 Federal agencies and the Organization of Agreement States, culminating in submission of a quadrennial report to the President and Congress containing the results of a comprehensive evaluation of domestic security of radioactive sources.

International responsibilities included representing the NRC at a number of important conferences and symposia sponsored by the International Atomic Energy Agency such as the 6th Review Meeting of the Convention on the Safety of Spent Fuel Management and the Safety of Radioactive Waste Management (presented the U.S. national report), leading NRC delegations to other countries, and chairing bilateral meetings with foreign regulatory agencies.

Briefed and interacted with Congressional members and staff, senior Administration officials, NRC Commissioners, public interest groups, and the media.

2013 – 2016 Regional Administrator, NRC Region IV

Senior agency executive responsible for leading an office of 200 technical, inspection, and administrative staff to provide oversight of 19 operating reactors and approximately 600 materials licensees. Led the event response and emergency preparedness functional areas, implementation of inspection programs and assessment activities related to both reactor and materials facilities, and management of corporate support functions, as well as implementation of the NRC’s allegation (whistleblower) program that addresses issues raised by licensee employees, contractors, and members of the public that may affect the safety or security of nuclear power plants and materials facilities.

Accomplishments include regulatory oversight of a reactor facility shutdown for nearly three years to address significant licensee performance issues, culminating in Regional Administrator authorization of facility restart; comprehensive assessment of licensee performance in determining that a reactor facility should receive the highest level of NRC oversight; verification that operating reactor licensees had implemented all required NRC actions following the events of Fukushima; and significantly improved organizational performance, leadership accountability, and staff morale as reflected in the Federal Employee Viewpoint Survey results.

2011 - 2013 Deputy Division Director, Office of Nuclear Security and Incident Response

Senior agency executive responsible for the NRC’s security oversight programs, to include review of emergency preparedness and security-related licensing requests; inspection of licensee capability to respond to an adversary force attempting to gain access to an operating reactor facility (i.e., NRC force-on-force inspection program); ensuring the NRC’s readiness to respond to any accident condition or reportable event involving nuclear facilities or materials; ongoing assessment, in coordination with the U.S. intelligence community, of the domestic terrorist threat environment; and inspection of licensee implementation of NRC cyber-security requirements.

Accomplishments include determining appropriate security and emergency preparedness requirements in response to the Fukushima events, and inspecting each reactor facility to verify licensee compliance with the cyber-security rule.

1989 - 2011 Various Leadership Positions, U.S. NRC

Senior executive service (SES) manager in the NRC’s Region I and III Offices, involving both reactor and materials programs; first line supervisor for the reactor program inspection function; and senior resident inspector at an assigned reactor facility. Accomplishments include leading the agency evaluation of inattentive security officers at a reactor facility that garnered national media attention and Congressional interest; leading a significant team inspection in follow up to an event at a reactor facility resulting in the identification of a number of licensee performance deficiencies that led to the decision to apply the highest level of NRC oversight.

**United States Navy**

1982 -1989 Naval Officer

Engineering Readiness and Training Officer for Submarine Group Six (two-year assignment) responsible for preparing submarine crews to pass the Naval Reactors Operational Reactor Safeguards Examination upon completion of overhaul.

Division Officer (first-line supervisor) for three different divisions during three-year tour at sea onboard a nuclear-powered submarine. As Engineering Officer of the Watch, directed/supervised the operation of a nuclear reactor on a daily basis while at sea.

Accomplishments: Qualified "Engineer Officer" upon passing a comprehensive examination administered by Naval Reactors. This qualification represents a significant milestone in the career of a naval submarine officer and enables him to supervise all operational aspects of a nuclear reactor.

Completed the Navy's 15-month nuclear power training program which included six months of intense classroom study at Nuclear Power School, six months of hands-on training in operating a nuclear reactor at the Navy's Nuclear Prototype Training Facility, and three months of weapons and navigational systems training at Submarine Officer's School.

Worked at Portsmouth Naval Shipyard supervising selected activities involving the overhaul of a nuclear-powered submarine.

**Education:** B.S., Mechanical Engineering, United States Naval Academy, 1982

**Awards:** Presidential Meritorious Executive Rank Award – 2005; consistently recognized on an annual basis for outstanding performance as a leader in the Senior Executive Service.