

Rafael Flores

Senior Vice President and Chief Nuclear Officer



Rafael Flores is senior vice president and chief nuclear officer at Luminant's Comanche Peak Nuclear Power Plant, or CPNPP. Luminant is a competitive power generation subsidiary of Energy Future Holdings Corp. Luminant's activities include plant and mine operations, wholesale marketing and trading, and construction and development of new power plants.

A Texas A&M University graduate, Flores represents Luminant on many nuclear industry committees and working groups, including the Texas A&M Advisory Council for Texas A&M University's nuclear engineering program. He has attended numerous executive programs including the Wharton executive program, Harvard Business School executive leadership course and the Nuclear Energy Institute senior executive program. In addition, he has held Nuclear Regulatory Commission senior and reactor operator licenses at two nuclear stations.

Flores's accountabilities include:

- Directing the safe, reliable and cost-effective operation of CPNPP in compliance with federal, state and local laws and regulations
- Representing Luminant as the chief nuclear officer with NRC, the Institute of Nuclear Power Operations, or INPO, the Nuclear Energy Institute and the nuclear industry
- Providing strategic direction as well as support services in the areas of nuclear security, engineering, regulatory, quality assurance, nuclear fuel design and procurement, emergency preparedness and community relations necessary to the operation of a commercial nuclear facility

Flores and his team are responsive to changes dictated by regulation, best-industry practices and corporate policies. Safety must be maintained while the team continuously strives to improve performance and cost savings. Flores and his team are continuously reforming practices, work methods and long-range planning skills to promote CPNPP to a top-decile-performing facility. Innovations in programs, processes and leadership development led to the plant's 2004-2008 performance being among the best in the industry. He has been instrumental in promoting CPNPP's recognition across the nuclear industry as a national leader of the Texas Commission on Environmental Quality's Clean Texas, Cleaner World program.

In addition to his corporate duties, Flores is active in his community, church and profession. He has maintained a professional membership with the American Nuclear Society since 1990. He serves as a mentor for nuclear leaders participating in management courses offered through INPO. Additionally, he has served as an industry advisor during INPO evaluations of other nuclear facilities. He is also a member of the Knights of Columbus.

Flores and his wife reside in Granbury, Texas, and have three children and one daughter-in-law.