

**Richard F. Orthen**  
**NextEra Energy, Inc.**  
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## **EDUCATION**

- Bachelor of Science in Chemistry, 1979, Emory University

## **EMPLOYMENT HISTORY**

- 2008 to present – NextEra Energy, Inc.  
*Principal Licensing Engineer* responsible for developing and processing Parts 2 (FSAR), 3 (ER), 7 (Departures and Exemption Requests), and 10 (ITAAC) of the 10 CFR Part 52 COL Application for the proposed Turkey Point Units 6 and 7.
- 2004 to 2008 – Civil & Environmental Consultants, Inc.  
*Sr. Project Manager* responsible for NRC License Termination Rule (LTR) implementation, NRC operating license renewal, US Army Corps of Engineers (USACE) Formerly Utilized Sites Remedial Action Program (FUSRAP) site characterization/remediation, and Naturally Occurring Radioactive Material (NORM)/Technologically Enhanced NORM (TENORM) risk assessments.
- 1999 to 2004 – Earth Sciences Consultants, Inc.  
*Sr. Project Manager* responsible for NRC LTR implementation, NRC operating license renewal, USACE FUSRAP site characterization/remediation, NEPA project management support, and Energy Employees Occupational Illness Compensation Program Act (EEOICPA) dose reconstruction.
- 1990 to 1999 – TetraTech NUS, Inc.  
*Consulting Health Physicist* providing project management, health physics, radiological engineering, and NEPA technical support to DOE-Savannah River Operations Office, DOE-Idaho Operations Office, DOE-Office of Civilian Radioactive Waste Management (OCRWM) Yucca Mountain Project Office (YMPO), various power reactor licensees, and the United States Enrichment Corporation.
- 1988 to 1990 – Sacramento Municipal Utility District  
*Health Physics & Chemistry Support Supervisor* at the Rancho Seco Nuclear Generating Station responsible for supervision of health physics, radiological engineering, and chemistry oversight functions during the reconstitution and reprogramming phase of plant restart operations.
- 1981 to 1988 – Illinois Power Company  
*Radiological Environmental Supervisor/RadChem Engineer/ALARA Coordinator* at the Clinton Power Station responsible for planning, preparing, implementing, and evaluating programs, procedures, and practices required by Near-Term Operating License commitments. Principal program/practice areas included ODCM/RETS/REMP, NUREG-0737, area/process radiation monitoring, radwaste processing, dosimetry, radiation shielding, and emergency planning.
- 1979 to 1981 – Tenneco, Inc.  
*Associate Chemist* at the Newport News Shipbuilding & Dry Dock Company responsible for water chemistry control of shore steam plants and Naval nuclear propulsion systems during construction, commissioning, and overhaul/retrofit operations.