



Edward Blandford

CHIEF TECHNOLOGY OFFICER,
CO-FOUNDER

Dr. Edward Blandford is the Co-Founder and Chief Technology Officer of Kairos Power, where he leads all engineering and technology development for the company's advanced reactor program. He oversees KP-FHR design and analysis, major hardware demonstrations, internal manufacturing programs, fuel and salt supply infrastructure, construction management, environmental health and safety, engineering operations, and licensing strategy for the company's future fleet.



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Dr. Blandford's technical leadership has been central to building Kairos Power's integrated development ecosystem, which combines design, testing, advanced manufacturing, and supply-chain qualification to support the company's rapid iterative development approach and drive toward cost certainty.

Before co-founding Kairos Power, Dr. Blandford served as an assistant professor in the Department of Nuclear Engineering at the University of New Mexico. He previously held a Stanton Nuclear Security Fellowship at Stanford University's Center for International Security and Cooperation and worked at the Electric Power Research Institute as a project manager specializing in steam generator thermal-hydraulics and material degradation management.

Dr. Blandford holds a B.S. in Mechanical Engineering from the University of California, Los Angeles, and an M.S. and Ph.D. in Nuclear Engineering from the University of California, Berkeley. He serves on advisory boards for the nuclear engineering programs at the University of New Mexico, Texas A&M University, and the University of Tennessee, Knoxville.