

**Ralph G. Bennett**

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Ralph has been responsible for next-generation nuclear energy R&D at the Idaho National Laboratory over the last 19 years. He charted and led nuclear R&D at the laboratory through the development of DOE's Office of Nuclear Energy interest in Generation IV nuclear energy systems and advanced fuel cycle technology. Ralph oversaw the successful completion of the two-year long Generation IV Technology Roadmap for DOE in September, 2002. For two years Ralph was the National Technical Director of Systems Analysis for Generation IV and the Advanced Fuel Cycle Initiative. These two programs had combined funding of \$90M per year during that time, and Ralph was responsible for their integration and leadership. He has been a member of several subcommittees of the DOE Nuclear Energy Research Advisory Committee (NERAC) in the areas of isotope production and long-term R&D planning.

Ralph was a chief author of the Generation IV Technology Roadmap, and has been a leader in the Secretariat of the 10-member Generation IV International Forum (GIF) since its inception in January, 2000. He was named the GIF Technical Director in September 2003, and is also the Chair of its Experts Group.

Prior to the national laboratory experience, Ralph worked in industry for ten years. Prior to the industrial experience, Ralph was an assistant professor at the Massachusetts Institute of Technology (MIT) for two years following graduate school, with an emphasis on numerical methods.