

## **Relation of US VLT Program to ITER**

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Charles C. Baker received his Ph.D. in nuclear engineering in 1972 from the University of Wisconsin-Madison and has been involved in fusion energy research since that time. He was a fusion energy department manager at General Atomics (1972-1977), director of Argonne National Laboratory's fusion program (1977-1989), program director for fusion technology at Oak Ridge National Laboratory (1989-1994), and head of US work on the International Thermonuclear Experimental Reactor (1992-1999). From 1994 to 2004, he was at the University of California, San Diego, where he continued as head of the US ITER work and served as Deputy Director of UCSD's Center for Energy Research. From 1998 to the present, he has acted as the Director of DOE's Virtual Laboratory for (fusion) Technology and as Adjunct Professor in UCSD's Mechanical & Aerospace Department. He continues in these latter two functions while providing consulting services to Sandia National Laboratories in Albuquerque, New Mexico.

Dr. Baker's professional memberships and activities include: Fellow, American Nuclear Society; Vice Chair, DOE Fusion Energy Sciences Advisory Committee (2002-2004); Principal Editor, Journal of Fusion Engineering & Design (2001-2005); Symposium General Chairperson, 6<sup>th</sup> International Symposium on Fusion Nuclear Technology (2002).