

Editorial

I am happy to bring to you our very first issue of the *Bechtel Technology Journal (BTJ)*. Some of you may already be familiar with the *Bechtel Communications Technical Journal (BCTJ)* that has been produced since 2002. The *BCTJ* focuses on our Communications business and related areas, whereas the *BTJ* has been developed with a much broader focus, encompassing all six of Bechtel's Global Business Units (GBUs): Bechtel Systems & Infrastructure, Inc.; Civil; Communications; Mining & Metals; Oil, Gas & Chemicals; and Power.

Following in the footsteps of the *BCTJ*, we have modeled the *BTJ* to address leading technical, operational, business, and regulatory issues relevant to the different Bechtel GBUs. The papers selected address issues of current and future interest to their corresponding industries in general and our valued customers in particular. New technologies and trends are highlighted in papers such as *Structural Innovation at the Hanford Waste Treatment Plant* by Power et al. New regulatory concerns are discussed in other papers, such as *Recent Industry and Regulatory Developments in Seismic Design of New Nuclear Power Plants* by Malushte et al.

I hope you find this first edition of the *BTJ* informative and useful. As always, I look forward to your comments and contributions. I would also like to take this opportunity to wish everyone a very happy, prosperous, and safe new year!

Happy Reading!



A handwritten signature in black ink, appearing to read 'Safavian', written in a cursive style.

Dr. S. Rasoul Safavian
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Editor-in-Chief