



BIO-DATA

Shri Bhardwaj is a Distinguished Scientist of Department of Atomic Energy and at present Director (Technical) of Nuclear Power Corporation of India Limited. He is also Chairman of Board of Directors of Anushakti Vidhyut Nigam Limited. And has been Chairman, Nuclear Fuel Complex Board, Hyderabad.

Shri S.A. Bhardwaj, graduated in 1970 as a Mechanical Engineer from Delhi College of Engineering, Delhi University and has been with Department of Atomic Energy since then. He later obtained in 1984 M.Tech from Indian Institute of Technology, Delhi.

For a major part of his career, Shri Bhardwaj has been associated with nuclear fuel design activities. He is amongst the first set of pioneers who took up the power reactor fuel design and engineering activities indigenously. The fuel designs at present in use in all the operating nuclear power plants in the country demonstrate his contributions in fuel design, fabrication, quality control and in-core fuel management to achieve fuel performance of international standards. Shri Bhardwaj has applied innovative means of use of Plutonium, Thorium and depleted Uranium bearing fuels in Indian Pressurised Heavy Water Reactors..

Shri Bhardwaj gradually developed a thorough understanding of the reactor physics aspects of nuclear reactor core design and went on to develop expertise in inter disciplinary areas of reactor core management, reactor control, reactor protection and complete reactor design and contributed significantly in the development of hardware used in certain nuclear reactor systems.. He has pursued various design development efforts right from concept up to prototype development and testing as well as commissioning the final product satisfactorily in nuclear power projects.

In the present position he oversees all design engineering, procurement, construction activities of nuclear power projects and related, R&D activities. In addition to technical responsibilities in these areas his administrative command and capability of taking people along in the core technical groups provides a key strength to Indian Nuclear Power Programme. In recent time he has also been associated with the business development activities like addressing future options of LWRs, supply chain of critical equipment and other diversification options under consideration. He is actively involved in discussions with various foreign delegations including technical and commercial negotiations with vendors of LWRs.

Shri Bhardwaj has been an important member of nuclear safety design and it's review process As a member of Atomic Energy Regulatory Board team he participated in technical discussions with United States Nuclear Regulatory Commission. Shri Bhardwaj has been representing India in various international forums including the International Atomic Energy Agency meetings, World Association of Nuclear Operators etc.

Shri Bhardwaj is a Fellow of Indian National Academy of Engineering. He was conferred with NPCIL's Outstanding Performance Award in 2001 for valuable contribution in the field of Fuel Engineering. He was also conferred with Indian Nuclear Science Award in 2001 for outstanding contribution in the field of Nuclear Engineering..