

Bhagwat Jain

Dr. Bhagwat Jain joined the NRC in 1998 as a Mechanical Engineer in the Office of NRR. During this period he has served in variety of progressively responsible positions in the Offices of NRR, NSIR, RES, ACRS, and NRO. Dr. Jain has managed technical programs and has contributed towards the resolution of generic plant safety issues such as GSI-191 and GL 98-06 in operating reactors. Currently he is a senior structural engineer in the Office of New Reactors and is responsible for managing the aircraft impact assessment program and performing the licensing review of USAPWR seismic analysis and design. Dr. Jain has experience in the management, design, analysis, and performance of safety evaluation of the PWR and BWR nuclear power plant systems, structures, and components (SSCs). His expertise includes design for earthquake, impact, and impulsive dynamic loading; protection against explosions; evaluation for missile impact and penetration due to equipment failure; and evaluation of spent fuel pool, spent fuel cask, and fuel rack drop accidents.

Dr. Jain has a broad range of over 30 years experience in progressively responsible positions with nuclear power plant design consultants and the operation utility companies in the US nuclear power industry. Prior to joining the NRC, Dr. Jain worked as a project engineer at the Brunswick nuclear power plant with Carolina Power & Light Company (currently Progress Energy); supervising structural/mechanical engineer at the Prairie Island nuclear power plant with AES Corporation; seismic consultant to Commonwealth Edison Company (currently Exelon); and supervising structural engineering specialist with Sargent & Lundy Engineers. Dr. Jain received his Ph.D. in structural engineering in 1976 from Illinois Institute of Technology, Chicago, and is a registered professional engineer.