

Westinghouse Safety Management Solutions, Inc.

B.N. Roy, PE
1993 S. Centennial Avenue
Aiken, SC 29803
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<p><i>Key Areas of Expertise:</i> Safety Analysis: Fault/Event Trees Hazard and Risk analysis RAMI Assessment Instrument Uncertainty Analysis Site Incident Data Bank – Analysis/Application Seismic/DBA Qualification Component Testing/Analysis Field/Construction/Startup/Operation Support</p>
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Education:

B.S., Mechanical Engineering, University of Calcutta, 1965
M.S., Engineering Mechanics, SUNY at Stonybrook, NY.1970
M.S., Environment & Waste Management, NTU, CO.1996

Highlights and Qualifications:

30 years of professional and supervisory experience in safety, risk and reliability analysis, engineering, design, as well as startup/operational support of DOE and commercial nuclear power facilities.

At present serving as a safety analyst, identifying/analyzing hazards, quantify risks and recommending cost effective measures towards risk reduction and improved availability for facility operation.

Served as Senior Professional at SRS System Engineering with lead responsibility in several Reactor Restart and Spent Nuclear Fuel Projects. Served as lead engineer at Westinghouse Nuclear Technological Division with responsibility in the areas of seismic/DBA analysis, testing, qualification of electrical/mechanical safety systems for several commercial nuclear power plants. Served as manager in charge of field design and construction support at PNPP-1 (Philippines) and Vogtle Units 1 & 2 (Georgia).

Voting member in two (2) ASME and four (4) ASTM Technical Committees; Registered Professional Engineer in the State of Massachusetts.

Authored several technical papers in the fields of risk and reliability; seismic and fluid systems analyses.

Employment History:

1989 – Present	Westinghouse Savannah River Company/Westinghouse Safety Management Solutions,
1979 – 1988	Westinghouse Electric Corporation – Pittsburgh, PA
1971-1979	Stone & Webster Engineering Corporation – Boston, MA
1965 – 1968	Steel Authority of India