

LECTURER'S VITAE

IAEA-ARGONNE TRAINING COURSE

Name: Gustave (Bud) Danielson

Present Position: Chief of Nuclear Safety Staff

Affiliation: U.S. Dept of Energy (DOE)

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Scope of Present Duties:

Gustave (Bud) Danielson is a senior level engineer for the Office of the Under Secretary of Energy and Central Technical Authority reporting to the Chief of Nuclear Safety (CNS). He also recently joined the newly formed US Government Inter-Agency Anti-Counterfeiting Work Group being led by the President's Intellectual Property Advisors. Mr. Danielson is responsible for developing and evaluating policy and maintaining operational awareness of nuclear facility safety and quality. In this capacity, Mr. Danielson participates in technical reviews, training, assessments, and contract reviews to assist nuclear facility contractors and federal organizations with improving nuclear safety. Mr. Danielson serves as the CNS liaison to the Office of River Protection for the Waste Treatment Plant and Tank Farms projects. As an internal consultant, Gustave assists DOE organizations in developing and evaluating innovative approaches for application of quality and integrated safety principles.

Most Relevant Past Experience:

Gustave has thirty five years of nuclear industry experience, twenty three of which representing the Department of Energy in leadership positions with several international organizations, including the: U.S. TAG to ISO TC176; Vice Chairman of ASME Standards Committee on Nuclear Quality Assurance and Chairman of the Executive Committee on Nuclear Quality Assurance; Contributing Member of the ASME Board on Nuclear Codes and Standards; and, Consultant to International Atomic Energy Agency nuclear quality and safety policy and mission activities.

In earlier positions with the DOE, Gustave served as the Department's manager of quality policy where he developed: the Secretary's Quality Assurance (QA) policy letter; DOE nuclear QA regulation 10 CFR 830 and dozens related directives. He also served as Audit Branch Chief in the Office of New Production Reactors. Prior to joining the Department, Gustave was employed by the Bechtel Corporation in a variety of technical and quality management positions at five commercial nuclear power plant construction projects.

Educational Background:

Gustave's formal education includes a Bachelors of Science in Construction Engineering and Management from Spring Garden College, Philadelphia, PA, a Business Management Certificate from Golden Gate University and Bechtel Power Corp., graduate studies towards an MBA at Villanova University, PA, and, the Senior Executive Fellows Program from the Harvard Kennedy School of Government.

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