

Meet the Presenters...

Robert Litman, Ph.D., has been a researcher and practitioner of nuclear and radiochemical analysis for the past 42 years. He is well respected in the nuclear power industry as a specialist in radiochemistry, radiochemical instrumentation and plant systems corrosion. He has co-authored two chapters of MARLAP, and is currently one of a team of EMS consultants developing radiological laboratory guidance on radionuclide sample analyses in various matrices, radioactive sample screening, method validation, core radioanalytical laboratory operations, contamination, and rapid radioanalytical methods. He authored the section of the EPRI PWR, Primary Water Chemistry Guidelines on Radionuclides, and has been a significant contributor to EPRI Primary-to-Secondary Leak Detection Guidelines. Dr. Litman has worked with the NRC in support of resolving GSI-191 issues (chemical effects following a loss of coolant accident) at current nuclear power plants and reviewed designs for addressing that safety issue for new nuclear power plants. His areas of technical expertise are gamma spectroscopy and radiochemical separations. Dr. Litman has been teaching courses in Radiochemistry and related special areas for the past 28 years.

Robert Litman



Mr. Bob Shannon has supported government and independent commercial testing laboratory radiochemistry needs for over 20 years and currently performs consulting work through Environmental Management Support (EMS) and his company, QRS, LLC. His recent project support includes drafting revision 2 of NRC RG 4.15 to incorporate MARLAP principals, developing and teaching training courses on basic radiochemistry for State and Federal lab radiochemists, performing audits for the EPA and DOE, and helping author laboratory guidance documents and develop Rapid Radioanalytical Methods for the EPA. Mr. Shannon chairs The NELAC Institute *Radiochemistry Expert Committee*, the ASTM D19.04 *Fission and Activation Products Task Group*, and is the Radiochemistry Part Coordinator for *Standard Methods for the Examination of Water and Wastewater*.

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