

Lecturer's Vitae

IAEA-Argonne Training Course

Name: Rick Demmer

Present Position: Senior Scientist _____

Affiliation: Battelle Energy Alliance, Idaho National Laboratory _____

Address: PO Box 1625 MS 6150, Idaho Falls, ID 83415 _____

Phone Number: 208-589-4858

Fax Number: None

E-mail Address: rick.demmer@inl.gov _____

Scope of Present Duties:

Rick is currently researching new spent nuclear fuel dissolution techniques at the Idaho National Laboratory. This work involves a high temperature chlorine process on irradiated spent fuel in a hot cell. This is a return to hot cell work for Rick after many years at different jobs. Rick also continues to perform research on D & D technologies, with several patents and numerous publications.

Most Relevant Past Experience:

Rick's "heart" continues to be in decontamination technology testing and development, where he has worked for more than 20 years. Rick hosts the decontamination technology sessions at the Waste Management Conference. He is currently completing a PhD dissertation on methods of simulating contamination in order to test decon methods. He has participated in expert panels in Japan and Vienna for the IAEA. He was a 2011 recipient of an R&D 100 Award when his chemical decontamination method, Rad-Release, was selected as one of the 100 best new technologies in the world. His latest unique decontamination research is for the New Mexico WIPP facility, who are now using the technologies Rick recommended last Spring.

Educational Background:

B.S. Chemistry, Washington State University, 1982; PhD Nuclear Engineering, 2015 (estimated), University of Lancaster (U.K.)

NOTE: If you do not want the above information published to the training course website, please check this box.