



MOHAMMED SALIH DAWOOD: Iraq

Safe Decommissioning of Nuclear Facilities.



Mr. Mohammed Salih Dawood of Iraq underwent training at Argonne National Laboratory as a participant in the IAEA Fellowship Program. In Iraq, Mr. Dawood worked for the former Iraqi Atomic Energy Commission from 1987 to 2003 as a deputy for the manager of the geo-pilot plant decommissioning project, and was responsible for the dismantling section from 2009 to 2010. Currently, he works in the implementation department for the Iraqi Decommissioning Center to perform activities such as the hot cells in the Italian Radioisotopes Production Laboratory (2 cells) as well as the cutting of the hot cells in the LAMA facility (3 cells). Mr. Dawood's training was supervised by Mr. Lawrence E. Boing and consisted of theory lectures and site visits. Lecture discussions were extensive in material and topics which covered waste management, characterization dismantlement technologies, cost estimating and decommissioning funding, decontamination technologies (environment, safety, and health planning for decommissioning), international decommissioning activities, solid clean-up technologies, decommissioning planning and project management. Mr. Dawood also received training on the Janus reactor decommissioning project, the IAEA regulatory requirements, IAEA Clearance for release, final status survey and license terminations and internet recourses.

The site visits were very beneficial and Mr. Dawood was able to explore four different decommissioning locations. These included: The Chicago pile-five (CP5) site, Pentek Company, Painesville site remediation and PLUM Brook reactor facility site. Mr. Dawood traveled to the U.S. with three companions from his home institution, and has gained new skills, capabilities, knowledge and experience which he will be able to share with his home country for future use.

Training period 9/13/2010 – 10/9/2010