



ABD HAMMED BAJAI: Iraq

Safe Decommissioning of Nuclear Facilities.



Mr. Abd Bajari of Iraq underwent training as part of the U.S. IAEA Fellowship program at Argonne National Laboratory in Argonne, Illinois. His fellowship was supervised by Mr. Lawrence E. Boing and consisted of theory lectures and site visits. Lecture discussions were extensive in material and topics 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. Bajari 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. Bajari 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. Bajari traveled to the United States with three companions from his home institution, the Iraqi Decommissioning Center of the Ministry of Science and Technology. There he is employed as manager of the engineering support department. He supports all project sites by instruments and utilities engineering in the Iraqi Decommissioning Center. The long term goals for Mr. Bajari and his institution in response to his training are to modernize the equipment and machines used in the decommissioning of nuclear facilities. Mr. Bajari 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