



KAYODE JAMES ADEDOYIN: Nigeria

Reduced Enrichment for Research and Test Reactors.



Mr. Kayode James Adedoyin recently completed training at Argonne National Laboratory as a participant in the U.S. IAEA Fellowship Program. Mr. Adedoyin works for the Nigerian Nuclear Regulatory Authority, Department of Nuclear Safety, Physical Security and Safeguards, Reactor Safety Unit in Nigeria. His four month IAEA Fellowship on the Regulatory Infrastructure for Nuclear Safety, which concentrated specifically on Reduced Enrichment for Research and Test Reactors (RERTR) Conversion Program for Nigerian Research Reactor-1 (NIRR-1), was hosted by Dr. James Morman of the Nuclear Engineering Division of Argonne National Laboratory. The training included validation and verification of codes used for the conversion analysis of Research Reactors PLTEMP and MCNP codes that are

available to work with, soft copies of materials on related conversions, a Final Safety Analysis Report of NIRR-1, and he also attended a number of training courses and workshops related to this field. These included the IAEA Regional workshop on the Training and Qualification of the Operating Organization and Regulatory body for Research Reactors, held October 8-12, 2012, the IAEA International Training Course on Leadership and Management for Introducing and Expanding Nuclear Power Plants from August 6-17, 2012, the IAEA Group Fellowship on Developing National Long-Range Nuclear Energy Strategies (INPRO) from August 20-31, 2012 and the IAEA Training course on the safety assessment of Nuclear Power Plants to Assist Decision Makers from Oct 15-26, 2012. During the fellowship, Mr. Adedoyin was also able to visit D.C. Cook Nuclear Power Plant in Michigan. The last week of his fellowship training consisted of a visit to Los Alamos National laboratory in New Mexico to participate in the introduction class to MCNP6 Code which ran from October 29, 2012 to November 2, 2012.

Trained 7/9/2012—11/2/2012