



## **GODWIN OKEWU OMEJE: Nigeria**

### **Training in the field of Regulatory Infrastructure for Nuclear Safety.**



Mr. Godwin Okewu Omeje is currently undergoing training at Argonne National Laboratory as a participant in the IAEA Fellowship Program. In Nigeria, Mr. Omeje has worked in the Research Reactor Safety Unit of the Department of Nuclear Safety, Physical Security and Safeguards of the Nigerian Nuclear Regulatory Authority as a Regulatory Officer since 2009. Nigeria has an MNSR Research Reactor code named NIRR-1 which presently uses Highly Enriched Uranium (HEU) as fuel and which, like other similar Research Reactors all over the world, is earmarked for conversion to Low Enriched Uranium fuel under the Reduced Enrichment for Research and Test Reactors (GTRI-Conversion) program of Argonne National Laboratory. As a Nuclear Regulator, Mr. Omeje is being trained on the verification and validation of the Codes used for the conversion analysis of the Research Reactor in his Country as well as the commissioning plans and/or development of license requirements for NIRR-1 Conversion.

Mr. Omeje's training is being supervised by Dr. James Morman of Argonne's Nuclear Engineering Division. The training consists of theory lectures and site visits. Already he has visited the D.C. Cook Nuclear Power Plant in Bridgman, Michigan. He also participated in the IAEA-ANL Workshop on Leadership and Management of Nuclear Power Programs for Emerging and Expanding Nuclear Power Programs that was held from August 6-17, 2012. During the course, lectures were extensive on siting, construction, financing, commissioning, regulatory & licensing processes, decommissioning, radioactive waste management, nuclear fuel cycle, safeguards and security, environmental impact assessment, NP project procurement management & contracting, processes, bid solicitation and evaluation. Mr. Omeje's fellowship will also take him to Los Alamos National Laboratory in New Mexico where he will participate in the introductory class to MNCP Code.

**Training Period: 7/9/2012—11/2/2012**