

Meeting Summary  
International Atomic Energy Agency  
Research Reactor Decommissioning Demonstration Project (R2D2P)  
State University New York at Buffalo  
Buffalo Materials Research Center (BMRC)  
“Workshop on Project Management – Decommissioning Dismantling”  
December 3-7, 2012

Sponsors:

John H. Rowat, R2D2P Workshop Manager and Unit Head,  
IAEA Decommissioning and Remediation Unit  
Bruce A. Watson, CHP, Chief  
US NRC, Reactor Decommissioning Branch  
Theodore B. Smith, Project Manager  
US NRC, Reactor Decommissioning Branch

Hosts:

SUNY at Buffalo (UB)  
Joseph T. Raab, CIH, Director  
UB Environmental, Health and Safety Services  
David R. Vasbinder, UB BMRC Director and Associate Director  
UB Environmental, Health and Safety Services

Participants: Ten (10) nuclear regulators and operators from 10 countries participated in the Research Reactor Decommissioning Demonstration Project Workshop (See attached list).

Activities and Outcomes:

1. Fourteen (14) Technical Presentations were provided on the U.S. Research Reactor (RR) decommissioning process, the current status of the UB Research reactor Decommissioning, Case Studies on six (6) US RR Decommissioning Projects and IAEA Standards:
  - US NRC Legal and Regulatory Framework
  - US NRC Research Reactor Decommissioning Requirements
  - UB Perspective of Regulatory Requirements and Planning
  - UB BMRC Decommissioning and Project Status Overview
  - IAEA Safety Standards for Decommissioning
  - IAEA Update on Decommissioning Activities
  - US NRC Research Reactor Decommissioning Inspection Program

- US NRC View of Successful Research Reactor Projects Decommissioning
  - Case Studies on US Research Reactor Decommissioning Projects at the University of Arizona, Cornell University, University of Illinois, University of Michigan, Veterans Administration – Omaha and Worcester Polytechnic Institute.
  - The Decommissioning Contractors Role in Research Reactors
  - Radiological Characterization and Final Status Surveys Plans
2. Practical workshops were conducted in the UBMRC facility that allowed participants to observe actual decommissioning work included:
    - Dismantling and demolition of a former electronics room.
    - Dismantling of the ventilation rabbit hood
    - Radiological Characterization Surveys
    - Removal and dismantling of Reactor Pool Components
  3. Participants provided critiques on the observations of dismantling and demolition activities.