

## D&D Knowledge Management Information Tool (KM-IT)

FIU's Applied Research Center (ARC) is supporting the U.S. Department of Energy Headquarters in its mission to gather, organize, and maintain D&D knowledge and experience from across the DOE complex. D&D KM-IT can be accessed from the web address <http://www.dndkm.org>.

Deactivation and Decommissioning (D&D) work is a high priority across the DOE Complex. Subject matter specialists associated with the different ALARA (As-Low-As-Reasonably-Achievable) Centers, DOE sites and the D&D community have gained extensive knowledge and experience over the years. To prevent the D&D knowledge and expertise from being lost over time, an approach is needed to capture and maintain this valuable information in a universally available and easily usable system.

### Project Objectives

The overall objective of this project is to provide a web-based tool to receive questions related to D&D problem areas and provide solutions from subject matter specialists.

- Collecting information from subject matter specialists,
- Building a knowledge repository for future reference,
- Archiving ALARA weekly reports and other relevant documents,
- Providing a mechanism for searching for relevant D&D information.

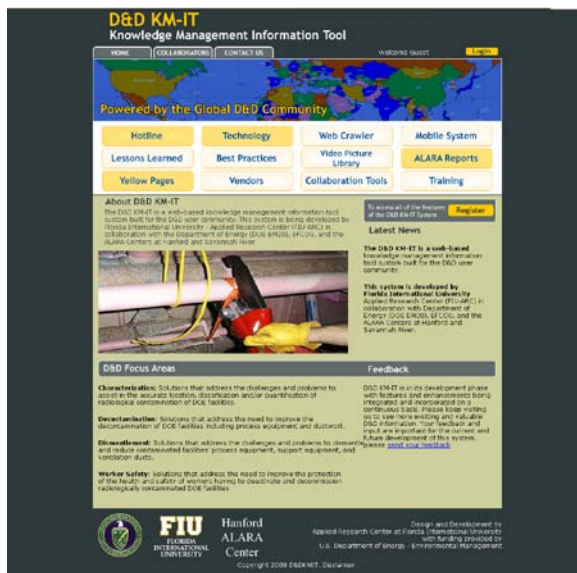
### Project Benefits

Benefits of developing and implementing D&D KM-IT include:

- Serving as a centralized repository providing a common interface for all D&D related activities,
- Assisting users in gathering, analyzing, storing and sharing knowledge and information within the D&D community,
- Reducing the need to rediscover the knowledge of the past while capturing the new knowledge and experiences gained during D&D operations,
- Resulting in enhanced worker safety and schedule efficiencies.

### Project Accomplishments

- Deployed phase I of the system to a limited D&D community group for testing and feedback,
- Populated the system with problems/solutions from the ALARA Center weekly reports,
- Developed and deployed a help module to aid users in understanding and utilizing the site,
- Developed and deployed a yellow pages module of D&D subject matter experts,
- Developed a new appearance and user interface for the website to make it user-friendly and intuitive.



D&D KM-IT home page at [www.dndkm.org](http://www.dndkm.org)