

PROJECT FACT SHEET

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 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 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 focused web-based tool to assist the DOE D&D community in identifying potential solutions to their problem areas by using the vast resources and knowledge-base tools available through the web.

- 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

- Developed and deployed a D&D community-wide web-based system for capturing and sharing D&D knowledge.
- Developed technology module to manage D&D technology, demonstration and vendor information.
- Developed and deployed web crawler module to aid users in searching the D&D KM-IT and web.
- Developed and deployed modules to receive D&D questions and provide solutions, to provide contact information for D&D community members.
- Developed modules to provide lessons learned and best practices from the D&D community.
- Developed a new appearance and user interface for the website to make it user-friendly and intuitive.
- Deployed Help module to aid users in understanding and utilizing the site.



D&D KM-IT home page at www.dndkm.org