

ADAMS Implementation Issues

Regulatory Information Conference

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Panelists

- Francine Goldberg, Acting Director, Information Management Division
- Thomas Smith, Acting Chief, Public Document Program (PDR) Section
- Elizabeth Yeates, ADAMS Data Quality Program Lead
- Teresa Linton, Technical Reference Librarian, Public Document Program Section
- Betsy Shelburne, Senior IM Specialist, ADAMS Team
- Michael Williams, Computer Specialist, Information Technology Infrastructure Division
- Jimmy Blanton, Management Analyst, Document and Record Management Branch

Agenda

- Background on ADAMS
- ADAMS Issues Identified to Date and NRC's Response Plans
- Open Discussion

Background

What is ADAMS?

- A full text document management system – contains all of NRC's publicly available documents released after 10/31/99
- Documents copied from internal agency system to an external server
- Accessible by the public via NRC's Web page (<http://www.nrc.gov/NRC/ADAMS/index.html>)

Background

How ADAMS Fits Into Overall Public Service Strategy for NRC Documents

Experience with NRC Documents	Typical Document Retrieval Needs	Best approaches for Document Retrieval
Limited Experience	One-time or infrequent needs	-PDR Reference Librarians
Some experience	Recurring need for specific types of documents	-PDR Reference Librarians -NRC Web site -ADAMS Folders -ADAMS Saved Searches
Very experienced (e.g., regular users of the BRS)	Variable, complex searches for many document types	-PDR Reference Librarians -NRC Web site -ADAMS Folders -ADAMS Saved Searches -ADAMS Find

Background

What ADAMS is Not

- A Web-based document search engine
- A replacement for the NRC Web site
- A replacement for PDR service to the public
- A tool that can be used without
 - Knowledge of NRC documents and bibliographic information
 - Practice or reference to the Users Guide

Background

Intended Benefits of ADAMS

- More documents available in full text
- Expanded public access via the internet
- Full text search capability
- More immediate access – view, download, print
- More flexibility in timing the release of documents - most are available faster

Background

Resources for ADAMS Users

- ADAMS User's Guide, Tips, FAQs
- PDR Staff Assistance
 - Installation
 - Searching
 - Free Training at the PDR Facility
 - First Line Trouble-Shooting (Plus Access to IT staff)
 - Receiving Info on Document Quality or Profile Issues
 - Receiving Suggestions for Improving ADAMS
- Contact Information
 - phone 1-800-397-4209, e-mail pdr@nrc.gov, or fax 202-634-3343

ADAMS Issues and NRC Response

ADAMS Issues and NRC Response

High Interest Issues

- Timing of Document Release
- Printing
- Data Integrity and Quality
- Accessing ADAMS Through a Firewall
- Software Enhancements Requested by the Public

Timing of Document Release

- NRC committed to make documents available in a timely manner
- Decentralization of profiling, staff learning curve, and conservative initial QA process is resulting in some release timing challenges
- DPC procedures were modified on 3/9 to address issues with release of internally-generated documents
- Despite some initial challenges, documents are now being made available faster in ADAMS than they were in NUDOCS

ADAMS Issues and NRC Response Printing

- Intermittent CITRIX Session Printer Definition Problem- Error message or no output when printing
 - NRC monitoring server and taking actions to reduce occurrence of problem
 - Fewer problems when CITRIX-approved printers are used (Listed at Web Site)
 - Will be corrected in next public release
 - Interim solution – save to local file & print or order paper from PDR

ADAMS Issues and NRC Response Printing

- Unacceptable Output when Printing TIFF Images - blank, unreadable, or incomplete pages
 - Will be corrected in next public release
 - Interim solution – save to local file and print using local imaging software (version supplied with Windows 95/NT works well) or order paper from PDR

ADAMS Issues and NRC Response

Data Integrity and Quality

- NRC intends to ensure that the information in ADAMS has a high level of integrity and quality
- Decentralization of profiling and staff learning curve is resulting in some data quality issues
- PDR is the intake point for reporting ADAMS data quality issues

ADAMS Issues and NRC Response

Data Integrity and Quality

- What we are doing to ensure high quality information in ADAMS:
 - Templates for each document type provide rules for data entry
 - Templates reviewed for consistency, adequacy
 - Team of OCIO staff working to identify, prioritize, and rectify QA issues
 - DPC and ADAMS staff conducting QA of data entered by the staff
 - Developing software tools to assist in QA of document profiles

ADAMS Issues and NRC Response

Accessing ADAMS Through a Firewall

- CITRIX approach requires adjustment to firewall
- Technical information available on NRC's Web Site and in ADAMS folder
- PDR is entry point for assistance – can call upon NRC IT experts to consult with corporate technical staff
- Letter sent to stakeholders to explain what needs to be done
- Alternative – stand-alone internet access

ADAMS Issues and NRC Response

Enhancements Requested by the Public

- PDR is intake point for enhancement requests
- Handout lists enhancements requested and their status
- ADAMS Configuration Control Board – reviews and prioritizes requests
- Public requests – high priority
- Enhancements batched into ADAMS releases
- Next release will address several of the public's highest priority requests

Discussion