CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES DOCUMENT MANAGEMENT SYSTEM STATUS LETTER REPORT

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3|16

CONTENTS

TABLES

1 INTRODUCTION

During fiscal years (FYs) 92–95, the Center for Nuclear Waste Regulatory Analyses (CNWRA) developed two computer systems for managing documents relevant to the high-level waste program. The Regulatory Program Database (RPD) was implemented to manage the regulatory products, and the Technical Reference Document Database System (TDOCS) was designed to store and retrieve technical and administrative documents. In FY95, the CNWRA received tasking from the Nuclear Regulatory Commission (NRC) to consolidate these two systems into a Consolidated Document Management System (CDOCS) which provides NRC and CNWRA users a "seamless" access to all of the pertinent documents in one system. This consolidation effort will be completed in the first quarter of FY96. In late FY95, a prototype server was installed at NRC, and it was synchronized with the CNWRA server to allow sharing of documents loaded into the system at either organization.

Section 2 contains statistics relative to the nature and volume of regulatory products that have been loaded into the CDOCS database. Section 3 lists similar statistics for technical and administrative documents produced by the CNWRA. Appendix A provides the automated report that the TDOCS prototype system produces online for monitoring the status of the system.

2 STATISTICS FOR REGULATORY PRODUCTS PROCESSED

As stated in Regulatory Program Database Development Status FY94 (Mackin et al., 1994), the principal focus of work in FY95 was operating and maintaining the database. Table 2-1 lists the number and type of documents loaded into the RPD in years prior to FY95 and the same information for documents completed or updated in CDOCS in FY95.

3 STATISTICS FOR TECHNICAL AND ADMINISTRATIVE PRODUCTS LOADED

During FY94 the CNWRA developed TDOCS to provide NRC with a full-text document management system for the Advanced Computer Review System (Johnson, 1993) and to replace the CNWRA mainframe-based Technical Document Indexing System (TDI) (Marshall, 1993). The documents in TDI were exported and loaded into TDOCS in late FY94. Additional functionality was added to TDOCS in FY95 in the form of NRC-specific document sets and a synchronization mechanism to support sharing of documents loaded by one organization for retrieval and display at the other organization. In parallel to this development work, loading of various types of documents was performed throughout the year. The TDOCS prototype is now installed at both the NRC and CNWRA (DeWispelare et al., 1995).

TDOCS supports a number of different classes of documents, organized internally into partitions. Table 3-1 provides names and descriptions of those partitions. Table 3-2 shows the number of documents loaded into TDOCS per month in FY95, organized by document type. Finally, Table 3-3 shows the number of documents loaded per year into TDI (FY88–93) or TDOCS (FY94–95).

Table 2-1. Type and number of Regulatory Program Database/Open Item Tracking System documents

Type	Loaded Prior to FY95	Completed/Updated FY95
Review Plans		
Review Plan Prefatory Section	98	7
Compliance Determination Strategy	98	6
Compliance Determination Method	98	7
Open Items		
Site Characterization Analysis	198	198
Quality Assurance	0	6
Annotated Outline	0	13
Study Plan	0	141
Institutional	0	4
Regulatory	0	50

Table 3-1. Technical Reference Document Database System partition names and descriptions

Partition Name	Description
CTD	CNWRA Technical Documents
QA	CNWRA Quality Assurance Records
CSP	CNWRA Correspondence
NTD	NRC Technical Documents
LLW	NRC Low-Level Waste Documents
HYDRO	NRC Hydrologic Database
NIST	NRC Corrosion Database
REP	CNWRA Technical Reports
REG	NRC NUREGs

Table 3-2. Technical Reference Document Database System document types loaded per month in FY95

Month/Year	CTD	QA	CSP	NTD	LLW	HYDRO	NIST	REP	REG
10/1994	186	36	113	0	0	0	0	0	0
11/1994	135	32	105	0	0	0	0	0	0
12/1994	244	13	84	0	0	0	0	0	0
01/1995	316	115	87	0	0	0	0	0	0
02/1995	487	19	27	0	0	0	0	0	0
03/1995	385	25	33	0	0	0	0	0	0
04/1995	84	14	56	0	0	0	0	0	0
05/1995	282	34	120	0	0	0	0	0	0
06/1995	309	19	226	0	0	0	0	0	0
07/1995	505	17	101	0	0	0	0	0	0
08/1995	159	0	1	0	0	0	0	0	0
09/1995	206	42	167	0	0	0	0	0	0

Table 3-3. Documents loaded by year in the Technical Document Index, and Technical Reference Document Database System

Year	CTD	QA	CSP	NTD	LLW	HYDRO	NIST	REP	NUREG
1995	2729	285	817	0	0	0	0	0	0
1994	1946	315	969	0	0	803	1857	4	3
1993	2149	318	1696	0	0	0	0	0	0
1992	2166	346	1652	0	0	0	0	0	0
1991	1693	333	2647	0	0	0	0	0	0
1990	4376	0	541	0	0	0	0	0	0
1989	1822	0	0	0	0	0	0	0	0
1988	1575	0	0	0	0	0	0	0	0

4 REFERENCES

DeWispelare, A.R., J.H. Cooper, R.L. Marshall, and J.S. Paddock. 1995. *NRC Staff User's Guide for Prototype of Technical Reference Document Database System (TDOCS)*. San Antonio, TX: Center for Nuclear Regulatory Analyses.

Johnson, R., J. Cooper, C. Moehle, and E. Harloe. 1993. *Technical Reference Document Database System (TDOCS) Requirements Definition*. San Antonio, TX: Center for Nuclear Waste Regulatory Analyses.

Mackin, P., and A. DeWispelare. 1994. *Regulatory Program Database Development Status FY94*. San Antonio, TX: Center for Nuclear Waste Regulatory Analyses.

Marshall, R. 1993. *Annual Report on Technical Document Indexing (TDI)*. San Antonio, TX: Center for Nuclear Waste Regulatory Analyses.

APPENDIX A

CONSOLIDATED DOCUMENT MANAGEMENT SYSTEM STATISTICS REPORT

CONSOLIDATED DOCUMENT MANAGEMENT SYSTEM STATISTICS REPORT

TDOCS STATISTICS REPORT - DATE 27 SEP 1995   PAGE   1

Document Set: Center Technical Documents

Total Records: 18466

Documents Submitted By Year

Year Count (each # = approx. 100 documents)

1988	1575	###############
1989	1822	##################
1990	4376	###
1991	1693	#################
1992	2166	#####################
1993	2149	#####################
1994	1946	###################
1995	2739	###########################

Documents Submitted By Month In the Last Year

Year Month Count (each # = aprox. 10 documents)

1994	OCT	186	##################
1994	NOV	135	#############
1994	DEC	243	########################
1995	JAN	315	################################
1995	FEB	487	###
1995	MAR	385	######################################
1995	APR	84	#########
1995	MAY	280	############################
1995	JUN	308	###############################
1995	JUL	505	##
1995	AUG	159	###############
1995	SEP	216	#####################

A-1

Document Set: Center QA Records

Total Records: 1597

Documents Submitted By Year

Year Count (each # = approx. 100 documents)

1991	333	####
1992	346	####
1993	318	####
1994	315	####
1995	285	###

Documents Submitted By Month In the Last Year

Year Month Count (each # = aprox. 10 documents)

1994	OCT	36	####
1994	NOV	32	####
1994	DEC	13	##
1995	JAN	115	############
1995	FEB	19	##
1995	MAR	25	###
1995	APR	14	##
1995	MAY	34	####
1995	JUN	19	##
1995	JUL	17	##
1995	AUG	0	
1995	SEP	42	#####

Document Set: Center Correspondence Index

Total Records: 8343

Documents Submitted By Year

Year Count (each # = approx. 100 documents)

1990	541	######
1991	2647	###########################
1992	1652	#################
1993	1696	#################
1994	969	##########
1995	838	#########

Documents Submitted By Month In the Last Year

Year Month Count (each # = aprox. 10 documents)

1994	OCT	113	###########
1994	NOV	105	###########
1994	DEC	84	#########
1995	JAN	87	#########
1995	FEB	27	###
1995	MAR	33	####
1995	APR	56	######
1995	MAY	120	############
1995	JUN·	225	#######################
1995	JUL	101	###########
1995	AUG	1	#
1995	SEP	188	###################

Document Set: NRC Technical Documents

Total Records: 0

Document Set: Low Level Waste

Total Records: 0

Document Set: Hydrologic Bibliographic Database

Total Records: 803

Documents Submitted By Year

Year Count (each # = approx. 100 documents)

1994   803   #########
1995   0

Documents Submitted By Month In the Last Year

Year Month Count (each # = aprox. 10 documents)

1994   OCT   0
1994   NOV   0
1994   DEC   0
1995   JAN   0
1995   FEB   0
1995   MAR   0
1995   APR   0
1995   MAY   0
1995   JUN   0
1995   JUL   0
1995   AUG   0
1995   SEP   0

Document Set: NIST Corrosion Database

Total Records: 1857

Documents Submitted By Year

Year Count (each # = approx. 100 documents)

1994   1857   #################
1995   0

Documents Submitted By Month In the Last Year

Year Month Count (each # = aprox. 10 documents)

1994   OCT   0
1994   NOV   0
1994   DEC   0
1995   JAN   0
1995   FEB   0
1995   MAR   0
1995   APR   0
1995   MAY   0
1995   JUN   0
1995   JUL   0
1995   AUG   0
1995   SEP   0

Document Set: CNWRA Reports

Total Records: 4

Documents Submitted By Year

Year Count (each *#* = approx. 100 documents)

1994   4   *#*
1995   0

Documents Submitted By Month In the Last Year

Year Month Count (each *#* = aprox. 10 documents)

1994   OCT   0
1994   NOV   0
1994   DEC   0
1995   JAN   0
1995   FEB   0
1995   MAR   0
1995   APR   0
1995   MAY   0
1995   JUN   0
1995   JUL   0
1995   AUG   0
1995   SEP   0

Document Set: NUREGS

Total Records: 3

Documents Submitted By Year

Year Count (each # = approx. 100 documents)

1994   3   #
1995   0

Documents Submitted By Month In the Last Year

Year Month Count (each # = aprox. 10 documents)

1994   OCT   0
1994   NOV   0
1994   DEC   0
1995   JAN   0
1995   FEB   0
1995   MAR   0
1995   APR   0
1995   MAY   0
1995   JUN   0
1995   JUL   0
1995   AUG   0
1995   SEP   0