

October 17, 1996

Dr. Robert G. Baca, Manager
Performance Assessment Element
Center for Nuclear Waste Regulatory Analysis
6220 Culebra Road
San Antonio, Texas 78228-0510

SUBJECT: ACCEPTANCE REVIEW OF "CDOCS TECHNOLOGY TRANSFER-2-DAY SEMINAR AT
NRC" INTERMEDIATE MILESTONE 5708-763-610

Dear Dr. Baca:

The CDOCS technology transfer has been completed and found to be acceptable. The transfer was productive and resulted in considerable progress. However, it should be noted that a number of problems exist and the code is not fully operational. Enclosed is a copy of Dr. Chery's notes on the transfer which were E-mailed to you on September 30, 1996.

Sincerely,

Rex G. Wescott, Manager
TSPAI Program Element
Division of Waste Management
Performance Assessment and HLW
Integration Branch
Office of Nuclear Material Safety
and Safeguards

Enclosure: As stated

cc: J. Linehan, PMDA
B. D. Meehan, CAB

TICKET: C-96-0098

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From: Donald Chery
To: THUB1.CCGATE."Robert Baca at cnwra-os2"
Date: 9/30/96 4:45pm
Subject: CDOCS Training Seminar -Reply

Robert Baca:

Bob Marshal and Dave Lincoln interacted with the NMSS TDOCS/CDOCS team from Tuesday morning (9/24/96), when they arrived, until about 12:30 p.m. on Friday (9/27/96) when they departed. The entire time (except for the meeting with the PDC on Thursday morning) was spent resolving issues as listed on the following agenda and answering the NMSS team's questions regarding program logic and structure, installation and compile issues, and custodial functions. The NRC team had made considerable progress in installing the executable program and compiling the source program. With that experience, the team was able to gain maximum benefit from the CNWRA staff's interaction with them. The interactions went well and were quite productive. However the resolution of the submit issue, that has been pending since March, was of such a nature that I am concerned that the support could not have made that resolution long before this visit.

Aaron DeWispelare, arrived after 1:00 p.m. on Wednesday, 9/25/96. He spent part of Wednesday afternoon with the Team as they worked and then gave the presentation for the two representatives from the NRC Professional Development Center (PDC) who will be responsible for future training of NRC staff in the use of the application.

The updated tape with the latest document database was not provided during the visit as originally proposed by CNWRA. In a telephone conversation with A. DeWispelare today, he said that it would be more convenient for CNWRA to load some more documents and prepare the tape by the end of this week. He assured me that it would be done without any contractual problems. That being so then it is acceptable to prepare the tape by Friday October 4, 1996 and express mail it to NRC.

Another outstanding issue is the testing of the synchronization capability between the two systems. It is my understanding that R. Marshall and A. DeWispelare will be discussing this issue with you.

The schedule for the meeting between the NMSS TDOCS/CDOCS Team and the CNWRA team follows. This is an updated schedule reflecting the actual times that CNWRA arrived and departed and events during the time. Note that with respect to your letter to R. Wescott of 9/26/96, there were not "parallel sessions, one for the technical staff, and the other for the system operators." if by technical staff you were referring to the Division of Waste Management technical staff.

Don Chery

The Schedule referenced in the note:
TDOCS/CDOCS Close-out MEETING AGENDA
September 24 - 27, 1996

General Planning:

Enclosure

Attendees:

NRC - D. Chery, V. Drilea, S. Booher, C. Arnold, Y. Ford
IRM representatives - D. Graser, E. Depukat
C. Herring/Tony Jackson (PC issues)
PDC representative - C. Bassin, M. Holmes

CNWRA - Robert Marshall, Dave Lincoln
Aaron DeWispelare (part time)

Location - NRC TWFN

Computer areas - T7-E34, T7-C20, T7-C2

9/24/96 Tue. AM

8:00 a.m. Arrival of Bob Marshall and David Lincoln

8:00 a.m. T7-C2 Orientation - review of agenda/schedule

Meet in T7-E34 Discussion of outstanding support requests -

Review agenda

Additional questions/issues, perhaps to be addressed before CNWRA comes

here:

Document submission in the operational TDOCS application (NMSS2) is not operational (it has been determined that the document submit operation of the upgrade CDOCS is also not operational). A known problem since March 1996. As last reported, we can "submit" text documents, but cannot "submit" either tif or WordPerfect documents. Our last information about this problem indicated that CNWRA appears to have a similar problem on one of their workstations. CNWRA has made suggestions about checking file and directory permissions and these checks have been completed with no correction of the problem. These problems will need to be rectified during CNWRA visit.

Chapter two documentation...

NRC has two sets of WP documents for Chapter 2, neither of which corresponds in page numbers, etc. with the printed documentation that was provided NRC by CNWRA. In one case, WP keeps claiming that there is not enough room in a temporary directory to retrieve text -- even though the document in this case is the smaller of the two.

What is 'print_report'?

Apparently the print button builds a string and expects to run against a script/executable of this name. No such file exists on either NMSS2 nor NMSS24. How should this be set up? Where is it documented? Should it have been part of the install files?

Why is the Solaris client compiling to 1/9 the size of the one from the distribution tape?

In conference on 09/19/96, a problem with trying to stop the server using the supplied routines (da_kill and kill_da) was mentioned and the CNWRA acknowledged knowing there to be a problem. This issue needs to be resolved.

R. Marshall and D. Lincoln work with NRC Team on installation/compile issues

9/24/96 Tue. PM T7-E34

R. Marshall and D. Lincoln work with NRC Team on installation/compile issues

3:30 p.m. Rm T7-C1 DLC, NRC Team & CNWRA staff meet to review status of work

9/25/96 Wed. AM T7-E34

R. Marshall and D. Lincoln work with NRC Team on installation/compile issues

Load tape with updated documents database. Tape prepared by CNWRA.

9/25/96 Wed. PM T7-E34

1:30 p.m. Arrival of A. DeWispelare

Room T8-C1 Available for working sessions

If CDOCS seems to be, for the most part, functional, then additional areas of inquiry and knowledge transfer will be addressed:

Discussion of General Questions and Application Logic

Discussion of environment variables... which are necessary, what values should they be set to.

Discussion of ownership and permissions of files.

Discussion of initialization files and their proper settings (for example, the *.ini files and their options).

Discussion of the interaction of the various components of the CDOCS system. How does xtopic interact with CDOCS? Should xtopic know about username/passwords set by the custodian (it doesn't)? Should xtopic get the print destination from CDOCS (it doesn't)? If not, from where? It looks as if CDOCS initiates xtopic, and then waits for it to exit. Is that the extent of its communication with xtopic?

Discussion of the general flow and components of the CDOCS system, how different parts are accessed, who should be accessing, etc.. Where is xtopic looking to verify user/passwd entries?

Are the Makefiles meant to be used as is or should we customize them?
In what ways?

Check out application for use with Professional Development Center Training staff

4:00 p.m. Rm T8-C1 DLC, NRC Team & CNWRA staff meet to review status of work

9/26/96 Thur. AM

Application Logic

9:00 a.m. T7-C2

12:00 noon D. Chery & A. DeWispelare meet with Carolyn Bassin (Professional Development Center and PDC contractor for transfer of training materials and discussion of initial and refresher training for staff use of TDOCS/CDOCS. NRC Team also attend.

9/26/96 Thur. PM

1:00 p.m. Rm T8-C1 available for working session

3:30 p.m. Further discussion of Application Logic

Discuss the document database; how extensive, what types of documents, any documents with figures, color plates?

Begin review of documentation

4:00 p.m. Rm T8-C1 DLC, NRC Team & CNWRA staff meet to review status of work

9/27/96 Fri. AM

8:00 a.m. Continuation of application structure, logic, client installations, and review of documentation.

Discussion of how Synchronization will be tested and evaluated -
(Scheduled for Oct. 14-18, 1996)

Rm T7-C1 available for working session

11:45 am - 12:15 p.m. Final status meeting.

12:30 p.m. CNWRA staff departs.

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Don:

I was unable to reach you by phone but wanted to find out how the CDOCS installation and training seminar went. I would appreciate your comments regarding what went well and what did not.

Please give me a call or drop me an e-mail note.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

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Sincerely,

A handwritten signature in cursive script, reading "Rex G. Wescott", is written above the typed name.

Rex G. Wescott, Manager
TSPAI Program Element
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Performance Assessment and HLW
Integration Branch
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