

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

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LICENSING SUPPORT SYSTEM  
ADVISORY REVIEW PANEL  
(LSSARP)

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Friday

July 7, 1995

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GREEN BAY, WISCONSIN

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The Licensing Support System Advisory

Review Panel met at the Radisson Inn Green Bay, 2040

Airport Drive, at 8:30 a.m., John Hoyle, Chairman,  
presiding.

PANEL MEMBERS:

JOHN C. HOYLE, Chairman, NRC  
KIRK BALCOM, State of Nevada  
DENNIS BECHTEL, Clark County  
CHIP CAMERON, NRC  
ARNOLD (MOE) LEVIN, LSS Administrator, NRC  
BRAD METTAM, Inyo County, California  
LLOYD MITCHELL, NCAI  
CLAUDIA NEWBURY, DOE  
JAY SILBERG, Shaw, Pittman, Potts & Trowbridge  
HARRY SWAINSTON, State of Nevada  
ENGELBRECHT VON TIESENHAUSEN, Clark County

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1 MR. HOYLE: All right. I'd like to get started this morning please, so  
2 we can wrap things up mid-morning.

3 I haven't seen Lloyd yet this morning, I wanted to thank him again for  
4 all the hard work that has paid off so well for us this trip. The reception last night was  
5 really a wonderful expression of their warm hospitality, and I'll tell him about it when he  
6 gets here.

7 So we're going to start this morning with a briefing by DOE, Dave  
8 Warriner.

9 MR. WARRINER: For the record, I'm David Warriner, and I'm the  
10 Records Manager for the Yucca Mountain Site Characterization Office in Las Vegas.

11 My presentation this morning is on a --

12 MR. LEVIN: Excuse me, Dave, I think there's a microphone right  
13 there for you.

14 MR. WARRINER: Okay, is that better?

15 My presentation this morning is on reprocessing which is a project  
16 that we face at the Department of Energy since we have to put our records into the  
17 format that is acceptable for the requirements of the rule. That is requiring header and  
18 image, electronic images and then full text.

19 Up until May the 15th of this year, we used a microfilming as our  
20 basic method of imaging documents, those that could be imaged, but beginning May  
21 15th, we initiated an imaging program for the documents that are currently coming into  
22 the records system. That does not solve the problem of the documents that had  
23 previously been accepted and microfilmed.

24 So what he needs to do for those records that have come into the  
25 records system up to that point, was we have to migrate those records to the new

1 electronic image base records system. We have to also assure that the index that we  
2 create for those records is in accordance with the header data points that we agreed to  
3 with the Header Committee. So we have to review the indexing and do perhaps some  
4 additional indexing as well.

5 Current status, we have identified a possible 500,000 records that  
6 had been microfilmed, and it works out, 250,000 of these are at the Vienna offices and  
7 250,000 at Las Vegas sites. The two collections vary somewhat in that those that are  
8 at Vienna tend to be more administrative and correspondence, and those in Las Vegas  
9 tend to be more technical and scientific. But there's a mixture of both kinds of records  
10 at both sites.

11 We have done some preliminary screening for the records in Vienna  
12 and we have drafted a reprocessing claim for both sites. So we have done some  
13 anticipation of what needs to be done.

14 Current status, we've derived and developed a staffing plan derived  
15 from the LSS model, that is what needs to be done to meet LSS requirements for  
16 those records. We've developed some specifications for facilities and equipment that  
17 is needed to support reprocessing.

18 We've established a goal of processing 100,000 records per site for  
19 Fiscal Years '96 and '97, and with a target completion date of September of '98.

20 And we're currently exploring various alternatives. We issued a  
21 request for information to evaluate outsourcing reprocessing efforts. That is going out  
22 to find a contractor who does this as part of their regular business, rather than having  
23 our own contractor organization perform performance process.

24 So with the information that we receive and the responses as you  
25 note here are due, actually today, so I don't have any information to report to you,

1 since I assume by the close of business today we will have more information than we  
2 do now. And based on that information, we'll have to make some determination as to  
3 which is the best way to go to reprocess these records.

4 And we have included funding for the reprocessing in our Fiscal FY  
5 '96 budget request.

6 MR. CUMMINGS: How much?

7 MR. WARRINER: Question? I think for each site, it's \$2.4 million  
8 per year, okay. So that would be \$4.8 million total for '96 and the same per year for  
9 '97.

10 MR. CUMMINGS: That is per year based on doing 100,000 records  
11 per site per year.

12 MR. WARRINER: It's no small effort.

13 MS. NEWBURY: And, Dave, this is just making it, putting in the  
14 images, this doesn't include any kind of conversion to full text which is what we need  
15 for the LSS, right, this is just reprocessing?

16 MR. WARRINER: This is reprocessing to create electronic images  
17 to insure that the header information is consistent with the LSS header group  
18 requirements. But you're right, Claudia, it does not include the conversion of those  
19 images to full text.

20 MR. SILBERG: Are any of those documents already in electronic  
21 Ascii text format? Or is that started as of May -- or has that not started yet?

22 MR. WARRINER: That's your last statement, Jay, it's not started yet.  
23 Probably most of them were at one time in some kind of electronic format, but we have  
24 not had a system that can capture that into the record system as yet. I think as  
25 Preston had mentioned yesterday, we're looking at using native files as a method of

1 capturing documents but that's not as easy as one might think, and maybe not as cost  
2 effective as one might think on the surface.

3 MR. VON TIESENHAUSEN: Dave, you said you have done  
4 inclusion screenings which implies that some things will be excluded. Do you have a  
5 criteria for that?

6 MR. WARRINER: Could you repeat that question again?

7 MR. VON TIESENHAUSEN: On Page 3, you made the statement  
8 that you were doing, "Preliminary inclusion screening has been done." This implies that  
9 some things will be excluded and I just wondered what criteria there is for that.

10 MR. WARRINER: Okay. The screening has been done on  
11 particularly the ones at headquarters, which is to look at using the Sub Part J criteria,  
12 as well as things that just aren't even Federal records let alone inclusionary records.  
13 There was a point in time in the history of this project when in reaction to some  
14 criticism from Congress, they decided to put, quite frankly, literally everything into the  
15 record system, and it put some stuff in there that never should have gotten there.

16 So they have tried to eliminate those kinds of records as well as  
17 some of the exclusionary categories that are in Sub Part J. I think as Moe mentioned  
18 yesterday, that we anticipate a visit from the senior management team from the NRC,  
19 at both sites, to look at what's in the record system and what they might think should  
20 be in the record system to provide some guidance to us to make further cuts or  
21 perhaps change our scope and that might include things we don't currently put in the  
22 system.

23 MR. VON TIESENHAUSEN: And one other question is, are you  
24 looking at using color?

1 MR. WARRINER: From the discussion yesterday, I think it's  
2 something we will have to consider, yes. Right now, as Marty mentioned yesterday,  
3 anything with color we treat as one of a kind, store it into our firewall safes. They  
4 mentioned colored maps and other kinds of things where color is significant in terms of  
5 information, the markups on design drawings, redline markups, drawings, those are  
6 maintained as one-of-a-kind records because in our micro toning environment,  
7 obviously, we do black and white and couldn't pick up those color distinctions. But  
8 certainly we'll have to take a hard look at that.

9 MR. LEVIN: When you say that there are 500,000 records, how  
10 many pages? Is a record a page, is a record a record package?

11 MR. WARRINER: That's individual records, I think we average about  
12 13 pages per record. That will give you some idea of the volume of paper that we're  
13 looking at.

14 MR. BECHTEL: This is all pretty much standard 8-1/2 X 11 or are  
15 there maps?

16 MR. WARRINER: That includes maps, drawings, charts. So a good  
17 part of it is 8-1/2 X 11 standard size, but there's a significant amount that's not.

18 MR. SILBERG: Is this supposed to be the entire backlog of those  
19 types, or this, how does it compare to backlog types?

20 MR. WARRINER: Well, I think by definition this is the backlog.  
21 Other than the things that we can't keep current with in terms of records that are  
22 coming in. But this would be things that were processed up until May 15th of this year.

23 MR. SILBERG: So based on Sub Part J criteria, this is at least your  
24 cut as to what the entire backlog is as of May?

25 MR. WARRINER: As of May 15th, yes.

1 MR. CAMERON: Except for the electronic records?

2 MR. WARRINER: Yes, there are records that are electronic that is  
3 magnetic tapes, optical discs, some floppy discs, whatever format of electronic storage  
4 that medium had been used, obviously we have those records as well. These are to  
5 complete those records, if you want to exclude the electronic media.

6 MR. SWAINSTON: In these records, take a technical one, I assume  
7 there's a lot of technical symbols and so forth. How do you convert those, reprocess  
8 those into an electronic format?

9 MR. WARRINER: Well, what we're doing right now is simply  
10 generating an electronic image that picks that up. Now, when you do your conversion  
11 from your image to your full text, then those would not translate into anything that the  
12 ascii code could pick up and that would be something that I think, the way the rule  
13 reads, some of that material is considered to be graphic material because it does not  
14 translate into a machine readable format for a full text. And in that case, those  
15 documents would be, the retrievable, would be based on the header information not on  
16 the whole text search capabilities.

17 MR. VON TIESENHAUSEN: At the NRC Commissioners briefing that  
18 Dreyfus gave us, they made a mention of 12 million pages that we had collected so far  
19 for this program. We now come up with 6.5, which is roughly half. Where does this  
20 total come up from?

21 MR. WARRINER: How do you explain the discrepancy? I had not  
22 been to that meeting when Dr. Dreyfus made her presentation. Does anybody here  
23 have any more information on what was presented there? I know I read the same  
24 newspaper article that you did and saw the same political cartoon in the Las Vegas  
25 Review Journal.

1 MR. DICKERSON: That was an early number that was used in the  
2 work group working on the LSS and 12 million pages is what they were playing with.

3 MR. WARRINER: Yes, but that's total.

4 MR. VON TIESENHAUSEN: But he said there were 2,000 collected,  
5 that many pages to date.

6 MR. DICKERSON: Yeah, but there were a lot of other errors in that  
7 article too.

8 MR. WARRINER: I think what Fielden is saying is that that number  
9 probably was the projection of the total documents by 2001, not the number that would  
10 describe what we have collected to date.

11 MS. NEWBURY: We'd have to go back and look at the testimony  
12 and see what it was we put in. It was probably a best guess estimate at that point in  
13 time.

14 MR. WARRINER: But what I will do is, I will go back and look at the  
15 testimony and try to come up with an explanation for it. I'd like to know the answer to  
16 the same question.

17 MR. HOYLE: Yes, I think numbers are an important topic and  
18 issues. So if you would do that, I would appreciate it. Dan?

19 MR. GRASER: Dan Graser from NRC.

20 Dave, when do plan to start going back and going through the  
21 collection again to start converting into text, and when will you finish converting into  
22 text the material that we're talking about here for reprocessing?

23 MR. WARRINER: Once we finish it, when will we start doing the text  
24 conversion? Marty, do you know what the schedule on that is?

1 MR. CUMMINGS: No, I don't, Dave. I just think the most important  
2 thing is for us to get the hard copy and microfilmed documents, to get them into the  
3 electronic image. The development of system for RDMS is still going on with regards  
4 to text conversion. And I really don't know how it will go there, I really don't know what  
5 the schedule is.

6 MR. WARRINER: Let me tell you what one of the problems is, Dan,  
7 and I think it's something that you're well aware of.

8 The testing that they had done converting the image to full text, what  
9 they tell us is that due to the error rate in the documents that they tested, that it  
10 creates an index for each different spelling or misspelling of a word or form of a word,  
11 and that greatly expands the size of the index that the machine has to process. So  
12 that we are well aware that to do human intervention to make those corrections would  
13 be a significant budgetary impact. That given our current levels of funding and  
14 projected levels of funding, I don't think we can afford to do.

15 So what Preston and his group are doing is working on the software  
16 side to see what kind of improvements they can make to reduce that error rate to a  
17 point where the index would be at a reasonable size. So it depends upon how soon  
18 they come up with the software as to when we will start converting the images to text.

19 MR. GRASER: But it's fair to say that there's nothing currently in the  
20 '96 or '97 budget for those activities?

21 MR. WARRINER: For those activities, not in the records budget.  
22 Jim?

23 DR. FRANK: There is no records accepted budget, so the '96  
24 budget is what we're working on.

1 MR. GRASER: I'm just thinking in terms of the general five year  
2 ahead that normally gets scripted out in the submissions to Congress. The narrative  
3 that usually goes with that has to state what you intend to be doing with your block of  
4 funds and, you know, historically in the program, there would be at least one sentence  
5 saying something to the effect that says "begin text conversion for LSS."

6 MR. WARRINER: Yes, for the five year projected budget there are  
7 the descriptions.

8 Depending upon the machine being able to make those conversions,  
9 so that the cost would be in the software development, once we have the software  
10 development done that there's a machine operation to make the conversion from the  
11 image to the text.

12 So there would be very little cost, actual cost, in doing that  
13 conversion once it has begun.

14 MR. BALCOM: Are you working with Tom Narwich?

15 MR. WARRINER: Yes. The people that you know, know me, we're  
16 working with them, with their program to help us find a way to do this in a cost effective  
17 way. John?

18 MR. HOYLE: You're putting these on CD ROM? What's your  
19 storage?

20 MR. WARRINER: Yes, we're storing them on CD ROMs, providing,  
21 one of the problems we face is to enable our particular outlying participants such as  
22 USGS up in Denver, Los Alamos, Livermore, to read the records that they submit,  
23 we're supply them with the ability to read the CD ROMs just as they now have the  
24 ability to read the microfilm, so that we're putting it on CD ROM and then distributing in  
25 the ROM system.

1 MR. HOYLE: Are you converting from your hard copy as much as  
2 you can?

3 MR. WARRINER: As much as we can. We're really depending upon  
4 the hard copy, Jim, not the film. There is an image degradation every time you go  
5 through a change of image. So it's better to go back as close to the original as you  
6 can get. So we have maintained as much of the paper copy as we can.

7 One of the things we'd like to do is to get these things imaged into an  
8 electronic format so we can get rid of the paper. But right up to this point, we have  
9 maintained the paper just for this purpose. Dan

10 MR. GRASER: Dave, for the materials that are being processed  
11 currently, is there any procedure or mechanism within the program for, you know,  
12 current materials recapturing the electronic text of currently generated materials so  
13 that you won't have to go back and do the text drill at a later time for this current step.

14 MR. WARRINER: That's what Preston spoke about yesterday.  
15 They're looking at that, and he indicated that it's not as easy as it might appear on the  
16 surface, but certainly we have had to do it and that's part of the program and when  
17 that's developed, yes, we'll use that, the native file, rather than have to do the full text  
18 conversion.

19 MR. GRASER: When you have the native file and convert it down to  
20 ascii when you have a relatively clean native, it would seem to me that it would be easy  
21 to do that and than to come back at a later time. But, it's just a comment.

22 MR. WARRINER: Okay. Chip?

23 MR. CAMERON: I just wanted to confirm that you are doing the  
24 exclusionary criteria screening on the records, because there is already criticism or  
25 concern from people who think too much is going in, even under the relevancy criteria

1 and the exclusionary criterias. But you're getting rid of all the stuff like travel records,  
2 et cetera, et cetera, that won't be, well at least eventually it wouldn't end up loaded into  
3 the LSS?

4 MR. WARRINER: That's correct.

5 MR. CUMMINGS: Right now, all of that, we don't know what we're  
6 saying. Some percentage of the stuff that's in the system now that are under today's  
7 criteria, just in our records management system, not whether it's relevant or not, it  
8 would not meet that criteria and that's the reason we're going through the rescreening  
9 process prior to processing it on to the electronic imaging.

10 MR. CAMERON: You're' not even going to save it as a record?

11 MR. CUMMINGS: That's correct.

12 MR. WARRINER: Okay? Chip, I'll check on those numbers for you  
13 to make sure we get some accurate numbers.

14 MR. SILBERG: Page 27 of the transcript, of the briefing that was  
15 Steve Brochman's testimony, it clearly said 12 million was the backlog.

16 MR. WARRINER: Okay. Let me check that for you too.

17 MR. HOYLE: Thank you very much, guys.

18 DR. FRANK: I am Dr. James Frank, not James Gandi, I think  
19 everyone knows that. John couldn't make it, but he asked me to make this  
20 presentation on his behalf.

21 This is the result of the UNL lead, LSSARP

22

23 meeting, when John promised that he would come to us with a solution to make some  
24 of the records material we currently have available.

1                   These are the four subjects that I'll cover, the capability that we  
2 intend to provide, we being DOE, to the interested units of government, effective units  
3 of government in the NRC; how access could be obtained to this system; what's the  
4 availability in terms of times when the system would be up and during the times when  
5 the system will be, period; and finally, a brief summary.

6                   These are the capabilities that will be available to people who are  
7 authorized to get into the system. And Claudia yesterday talked about ATDT. This is  
8 the same computer that will have the ATDT data on it. The main problem we have  
9 right now is that the current one is too small to handle both applications, and so we're  
10 replacing it with a larger processor that can handle both. That's what is slowing down  
11 the process at the moment.

12                   The capabilities that will be available will be through our records  
13 information system and that's the material that Dave is talking about. So all of those  
14 records that are indexed, the headers will be in this system.

15                   Occasionally, and I hate to say what percentages because I have  
16 absolutely no idea, but in some instances there are abstracts that have been entered  
17 into our records information system. If the abstract is there, then it will be available  
18 also to anybody who can use the system.

19                   To be able to retrieve the header data, to be able to search header  
20 data and to retrieve the abstracts and they're there. Should it be necessary for  
21 somebody to have a image, there will be no images in this system, there are none  
22 today, they'll be a requirement to send a request to Yucca Mountain, the response to  
23 that request would be creating an image either from the microfilm or the images that  
24 they have talked about that are electronic, back into a paper form and provide it to the  
25 people who want it.

1 I suspect that if that got to be a terribly large request, somebody  
2 might say do you really mean it, but you know, similar documents are 1100 pages  
3 long. They foul up that average of 13 pages frequently.

4 So that's the way we'll get hard copies, should anybody choose to  
5 use it. But it will give everybody an opportunity to be familiar with the headers that are  
6 currently in our system and be able to exercise some search capabilities through those  
7 headers and to obtain documents of interest.

8 MR. BALCOM: Jim, what will be search software?

9 DR. FRANK: It's the software that's currently in our inventory  
10 system, in the records information system.

11 MR. BALCOM: Which is what?

12 DR. FRANK: It's just a structured header system. It's not anything  
13 that's extremely fancy. You can use combinations of headers, I've used periods of  
14 time, authors, as a matter of fact, this group, no, I guess it was for the TWG, I did a  
15 query to try and find decision documents for the decision to go to a sloped gram  
16 versus the shaves, and that query was a period of time arranged by author and  
17 subject.

18 So you can put combinations together, but I wouldn't call it a very  
19 elaborate system, but it does give you the ability to look at ranges and periods and  
20 people and subjects, and you get back a listing of the hits that you got. And I think as  
21 Dr. Knockers pointed out several times, the ability to get the right answers has  
22 something to do with the ability to form the query, and I'm no better than anyone else.  
23 I usually end up with a second query or maybe even a third to narrow the subject down  
24 to what I'm interested in.

1 MR. LEVIN: Is there on-line help available, or a user's guide or  
2 what?

3 DR. FRANK: Yes, there's some documentations available on how to  
4 operate the system. I don't think there's an on-line help function, is there Dave?

5 MR. WARRINER: No.

6 MR. LEVIN: So to use this and form queries, we'd have to have  
7 some hard copy documentation?

8 DR. FRANK: Yes, right, that's available.

9 MR. LEVIN: Would it also be possible, I'd like to see a description of  
10 the hardware and software you're using just so if we start exercising this and  
11 accessing the system we know what we're accessing and then we can kind of get an  
12 idea of the horse car behind the processing of our queries.

13 DR. FRANK: Okay, and that's no problem. I will pass that request  
14 on to John.

15 What we expect the users to provide, of course, is their own PC,  
16 some communication to get to the VAX, this is a VAX, either through our friendly term  
17 dial-in or through Internet, to get to that system and then, of course, we're not inferring  
18 that we would charge you for the things we mail to you, but you will have to pay for the  
19 things you mail to us. Most of us have PC's anyway and most of us have access to  
20 them, so probably the cost of the people who you wish to give authority and sign-on for  
21 this system is relatively small.

22 MR. LEVIN: Okay. Is the access to Internet through Telnet?

23 DR. FRANK: I don't really know what the access is, Dave, I don't  
24 think Dave would either. Whatever the access is we currently use, I'm not sure. But  
25 once again, I'll ask John to provide that information.

1 MR. GRASER: Jim, the Internet communication to the YMSCO VAX,  
2 does that imply that you can access the record system by Internet?

3 DR. FRANK: Yes, you can access that particular piece including the  
4 Firewall System that will allow you to connect to that VAX and act like a terminal.

5 MR. GRASER: It has access to the record system via the OCRUM  
6 home tape?

7 DR. FRANK: No, I think it's just a direct connection. I think that's  
8 what we currently use now for ATDT, it's a direct connection to what was a 3100,  
9 which is now going to be a 4000.

10 MS. NEWBURY: But it's not the whole records system, because the  
11 whole records system is not on the computer, it's just --

12 MR. GRASER: Firewall.

13 MS. NEWBURY: No, the records are not on a computer, the records  
14 are on microfilm, so when you're talking about the records system, it's just the  
15 headers.

16 DR. FRANK: The record information system as opposed to the  
17 records system.

18 Okay. To obtain access to the system, authority requires a letter to  
19 the project which once it's looked at and determined that that's appropriate, then an  
20 account form will be returned to the requester and you just have to fill out a bunch of  
21 information to get a VAX account, and then the VAX account will get established by  
22 the project and you're off an running.

23 The system will be available 24 hours a day, except for these two  
24 caveats, that the first and third Tuesday from 6:00 p.m. to Midnight our time, Pacific  
25 Time, there's Daylight Savings or otherwise, the system will be down for maintenance.

1                   That gives everybody in the country a lot of access to the system.

2                   The ATDT data gets updated daily and Claudia talked about ATDT  
3 and so will the IRIS data or what we call the records information system, which is in  
4 fact the headers, and whatever abstracts it sets up. And an index, incidentally, so  
5 everybody knows, there's an index in that system that points to the particular frame of  
6 microfilm or the particular image so that it's easy to retrieve those documents, once  
7 somebody requests those. The request will take the form of a numbering system  
8 that's available to us and that it immediately identifies the documents, which comes out  
9 in the query itself. So you'll see a section number that's really, it's the key to finding a  
10 document.

11                   So briefly, the DOE will provide access to its record information  
12 system once again, as Claudia points out frequently, that's not the images, it will be  
13 upon my capability for headers and abstracts, hard copy upon request. We think we  
14 can deliver hard copy to somebody within a week, but we're at the mercy of the United  
15 States Post Office. But once a request is in our hands, we're absolutely certain that in  
16 a couple of days it will be back in the mail back to them, whatever it is they asked for.

17                   And then if someone wants access, they just have to request that  
18 DOE will approve it. Now the word revoke that is in here is because there is a  
19 possibility that at some point in time either somebody will no longer be associated with  
20 the project or there might be some abusive uses. We hope that won't happen, but if  
21 we find somebody who is continually demanding lots and lots and lots of activity and  
22 lots and lots and lots of paper, we may want to question their access.

23                   And then, of course, we really believe, and this is bottom line, we  
24 really believe that the system will be available in September.

25                   MR. LEVIN: Is that '95 or '96?

1 DR. FRANK: No, then it's me, it's '95. Thank you. We're probably in  
2 fiscal year '96, I get confused.

3 Now what that means is that the new processor will be in place, the  
4 data that is in the information system, the records information system, the headers and  
5 all the abstracts that are available, will be loaded on that system and that system is a  
6 hair-gap system, so that it's protected from the rest of the Yucca Mountain products,  
7 and access, as well as ATDT, will be on that particular piece of equipment.

8 Does anyone have any questions? Yes.

9 MR. VON TIESENHAUSEN: The telephone number for dialing will  
10 be a local Las Vegas number?

11 DR. FRANK: Yes, I think so.

12 MS. NEWBURY: Yes, it is. I don't remember what it is, but it's a  
13 local number.

14 MR. SILBERG: Is the system up and running for DOE people now?

15 DR. FRANK: Oh, yes. The records information system has been in  
16 existence for DOE for a long time.

17 MR. SILBERG: But the search cases, it can search headers?

18 DR. FRANK: It's been in existence for a long time.

19 MR. SILBERG: How much usage does it get?

20 DR. FRANK: In terms of loading the system, it gets a lot of use  
21 because every document that comes into the record system that's judged to be worthy  
22 of being in the DOE records systems gets loaded into it.

23 MR. SILBERG:: No, I meant in terms of the  
24 on-line search?

1 DR. FRANK: That's the same system, the on-line load things.

2 Marty, do you have any feelings for what our search system is?

3 MR. CUMMINGS: Our records system is primarily an intake system  
4 and what's currently being performed on it, it's mostly by records people, who are  
5 doing a retrieval for someone.

6 MS. NEWBURY: Jay, it gets exercised regularly during the audit  
7 process, during QA audits, we're continually looking for records and finding them.

8 DR. FRANK: You know, there are questions that come up, people  
9 look for things and ask the records people to find them, but I'm not sure I know how  
10 many times a day or how many times a week that really occurs.

11 MS. NEWBURY: During an audit week it will happen a lot.

12 MR. CUMMINGS: They had also just reminded me that we kept  
13 stats for a couple of years and it shows considerable usage.

14 MR. LEVIN: I was wondering if we might want to think about how we  
15 can use access to this system as part of the pilot for the LSS and maybe some  
16 aspects of the LSS functionality we can prototype, we can figure out a structured way  
17 to do it and a way to capture our experiences from using that report back to the group.  
18 Does anybody else think there's a possibility or a potential there?

19 MR. SILBERG: Since this is the system that industry recommended  
20 at the LSS in 1988, we're almost there (laughter), people ought to try to use it and see  
21 if it's useful.

22 MR. LEVIN: Well, I would suggest that we want to do that, we think  
23 of a structured coordinated approach to it so that we can learn from the experiences.  
24 And it's just something to think about.

1 MR. CAMERON: The experience that you would want to learn from  
2 though, what functionalities would you be looking to test out? Because it wouldn't test  
3 out, in this case, to Jay's remark about the suggestion that the industry made when we  
4 were starting all this. It wouldn't test out, of course, a full text search of the document.  
5 I mean, we're only going to have headers, right?

6 DR. FRANK: That's correct. But they're pretty extensive headers.

7 MR. LEVIN: But it may give you some chance to see how easy it is  
8 to find information constructing the queries, how complicated it is, given a certain  
9 query, what volume of response you get, how easy it is to weed through it. I think  
10 there may be something to learn from it.

11 MR. GRASER: Jim, does that, the interface that's provided, is that  
12 form search or does the user have the option to use both of the bases plus search  
13 modes?

14 DR. FRANK: The current system uses a friendly front end, but I  
15 think, isn't that right, Dave, you can use the faces plus search if you want to, but it's  
16 much easier just to use the front end where it asks you, you know, it's got some edit  
17 features in it that won't let you put things in there that aren't true, but it will do.

18 So it's not, it does have some friendly capability. One of the things  
19 that's going on right now and is one of the reasons why it will take until September,  
20 currently there are several databases in the Internet information system and they're  
21 being combined into one. Our people today, if they try to search something and they  
22 have to search one database and then another database that happens to be  
23 locationally oriented and that's going away. So it will be much easier not only for our  
24 own folks, but for everybody else to get access to everything that is in the records  
25 information system.

1 MR. HOYLE: Jim or Claudia, as we approach the time when you're  
2 going to make access available and you said '95?

3 DR. FRANK: Yes.

4 MR. HOYLE: Would you send the ARP a letter, a notice of some  
5 kind with phone numbers and your Internet address or whatever things are that we  
6 need to use it.

7 DR. FRANK: Yes, we will.

8 MR. HOYLE: I realize we have to request DOE for a password, and  
9 we'll get more information at that time, but I think if you would send out a reminder  
10 notice, I would appreciate it.

11 DR. FRANK: I'm certain we can do that. Along with probably the  
12 documentation so that they can understand whether they even want to look at this  
13 system or not.

14 MR. BALCOM: How big is the database, like how many header  
15 records do you have?

16 DR. FRANK: Well, 500,000.

17 MR. BALCOM: The same group that's on film, you have headers for  
18 all 500,000?

19 MR. CUMMINGS: Yes.

20 DR. FRANK: And that includes some of the ones, the CON records,  
21 that's also in that index, privilege records. So if anybody ever asks for privilege  
22 records, chances are they won't get it. I mean there's things like training records and  
23 stuff that we keep in a separate set of microfilm locked up in a separate place so  
24 nobody can get access to them except those authorized.

25 MR. BALCOM: Could we also get a list of header fields?

1 DR. FRANK: That's what the documentation I think will do, provide a  
2 description of where those header fields are and what their ranges are.

3 MR. SILBERG: As I understand the scheme, this will be a search  
4 function and copy function, sending documents on.

5 DR. FRANK: That's the intention. I would suspect that if it gets to be  
6 excessive, squeal a little, but that's the intention. The intent certainly, the cost of  
7 operating the VAX that this will be on, the cost of loading the data on to that VAX, it's  
8 intended to be borne by the project. And right now the only way we have of charge  
9 back schemes, it would be very difficult to charge anybody for paper. But like I said, if  
10 somebody asks for, repeatedly for large numbers of documents, large quantities, there  
11 may be some question about that.

12 MR. VON TIESENHAUSEN: Will you be able to download headers  
13 and abstracts?

14 DR. FRANK: No, I don't think so because it can act like a terminal  
15 assigned to the VAX. I don't believe that we'll be able to download the data. It's a  
16 query, you know, it's a response that you get at a terminal, it's not, I don't know really,  
17 but that sounds like it's not one of those things that works very easy.

18 MR. LEVIN: Well, with a terminal later you could kind of fake it with  
19 a screen puncture function.  
20 Because that's really all you want is what's showing on the screen. So it would be  
21 clumsy to get that.

22 DR. FRANK: Yes.

23 MR. SWAINSTON: You'll get all this information on a CD ROM?

24 DR. FRANK: No, no, none of it is on a CD ROM. Now what Dave  
25 was talking about is that as we migrate from microfilm to images, we are working now

1 on the capability to distribute CD ROMs for the new material out to each one of the  
2 sites that we currently send microfilms to. But that capability doesn't exist yet, and it  
3 certainly isn't in this part of the system.

4 MR. LEVIN: Have you calculated the number of CD's it would take to  
5 hold all of the documents that would be reprocessed?

6 DR. FRANK: We did that once when we were doing the LSS review.  
7 I don't recall what the number was, but it's probably in that report. But it's a bunch.  
8 You can imagine what would happen, you know, the transport system is a small  
9 system. The storage system is large platters.

10 MR. LEVIN: Oh, so it's really not CD format, it's optical disc.

11 MR. CUMMINGS: That's correct.

12 DR. FRANK: Go ahead.

13 MR. CUMMINGS: The main system, the information being kept on  
14 optical discs, our distribution method to get the information out to the participants, just  
15 like we send them microfilm now, we're going to be sending them CD ROMs. But no,  
16 for the main database, it's not on CD ROM, no.

17 MR. LEVIN: Because I just did a quick calculation and that would be  
18 a large stack of CD ROMs.

19 MR. CUMMINGS: We have very large platters.

20 DR. FRANK: Yes. Anyone else?

21 MR. HOYLE: Thank you very much, Jim.

22 Claudia, do you have anything else?

23 MS. NEWBURY: Not at this time, I think that covers most of the  
24 things that we wanted to talk about today.

25 MR. HOYLE: Okay. And does NRC have anything else?

1 MR. LEVIN: No.

2 MR. HOYLE: Okay. Before we start talking about what's next, is  
3 there any further comment from anyone in the audience?

4 Okay. I think the main thing we've got to focus on quickly is getting  
5 back to DOE on the Level 2 requirements. Phase 2, Level 2.

6 I've charted out a quick schedule here, let's see what it sounds like.

7 Comments to Fielden by Thursday the 13th, that's a week from  
8 yesterday. He will take action by the Technical Working Group by Friday the 21st by  
9 phone or something. He will get material back to me by Tuesday the 25th, and I'll  
10 immediately mail it out to the ARP members asking for comment back to me by August  
11 1st. Very very tight. And Fielden, don't accept this schedule if you don't think we could  
12 do it.

13 MR. DICKERSON: Let me just tell everybody that my phone number  
14 is 202-488-2308, and if you have any questions, please call me, I'll give you a FAX  
15 number, I can give you an E-Mail address, all of those neat things, just call me and we  
16 can work it out.

17 MR. HOYLE: Do you know your FAX number?

18 MR. DICKERSON: Yes, sir. It's 202-488-2313. I do not know my E-  
19 Mail address.

20 MR. HOYLE: Social Security number (laughter).

21 MR. GRASER: E-Mail address is fill in and underscore Dickerson  
22 at..dot..HQ..dot..DOE..dot.

23 MR. HOYLE: Okay. Hopefully, that will wrap up the Phase 2.

24 Claudia points out that she's not sure now whether I'm telling her we finished on Phase

1 1 or not. I told her I would send a formal letter from the Committee saying the  
2 Committee has no further comments on Phase 1.

3 MR. DICKERSON: Brad, given your comments on Phase 1, --

4 MR. METTAM: I'll transfer them.

5 MR. HOYLE: All right. The start of the day yesterday, Fielden told  
6 us about the matters before Congress and Jay predicted that we won't have final  
7 action until the last day of the session.

8 Let's assume there is going to be some action that will allow DOE to  
9 prepare a budget and talk to us about a budget that they would be working with in the  
10 October/November/December time frame. So I'm kind of focusing on having a session  
11 at which DOE could brief us as to what, you know, what the reality of life is. At that  
12 point in time, somewhere in the first/second week of November or some other date  
13 more convenient to all. It could be as late as the first week of December.

14 MS. NEWBURY: Knowing the way our budget process works and  
15 how long it takes us to figure out how much we're giving to whom, early December is  
16 probably better.

17 MR. HOYLE: Does anyone have a schedule that shows conflicting  
18 meetings in the first week of December? I often find our schedule conflicts with  
19 something else.

20 MS. NEWBURY: I have the NRC interactions, and there is a  
21 technical exchange on total system performance assessment December 6th and 7th.  
22 And an interactions scheduling meeting December 12th, and bi-monthly management  
23 meeting December 13th.

24 MR. HOYLE: Where are those meetings?

1 MS. NEWBURY: TSPA is in Rockville, the Interactions Scheduling,  
2 that's an internal sort of thing, and that's a teleconference. And the Bi-Monthly  
3 Management Meeting is a video conference between D.C. and Las Vegas.

4 MR. HOYLE: The TSPA is the 6th and 7th in Rockville?

5 MS. NEWBURY: That's right. Who comes to that, are you there?

6 MR. CAMERON: Brad is there, Murphy would usually come to this.

7 MR. HOYLE: Well, I'll try to schedule then, let's see, a meeting then  
8 for the 5th, December the 5th, Tuesday, a one day meeting.

9 MR. SILBERG: That would be in the Washington area?

10 MR. HOYLE: In the Washington area. Chip looks a little sad, but --

11 MR. SILBERG: We accept an appropriate banquet (laughter), but  
12 we could not match Lloyd and the United Nations, I'd have to say that right off the bat.

13 MR. LEVIN: Jay, we have a brand new gourmet class cafeteria in  
14 the building that we, yeah, we can treat you right if you bring enough money (laughter).

15 MR. HOYLE: Okay. Let's tentatively put a hold on December the  
16 5th. If there is a meeting close to that that comes up that drives everybody out to Las  
17 Vegas, you know, let's be flexible enough to tag on to that one.

18 MS. NEWBURY: At this point there are no NWTRB meetings  
19 planned that far ahead. I think they're looking at one in January though.

20 MR. HOYLE: Okay, all right. Very fine.

21 I would like to take this opportunity to thank Lloyd once again. I'm  
22 not sure I did a good enough job last night in front of the elders and your people in  
23 really thanking you for all of the planning and organization which you did in the praise  
24 that I picked up last night over at the gambling hall. It was a double jackpot. Very  
25 terrific.

1 I got to sit at a table with a family whose father works at Point Beach  
2 as an electrical mechanic or something like that, he described his job, he loves it.

3 Your hospitality has been superb and the help we got from Jeff and  
4 Jake was very good. And thank you for the tour. We saw some things that no one  
5 ever sees around here, but we had a great time doing that.

6 I think that's all I have. Does anyone have anything they would like  
7 to add at this point?

8 Thank you very very much.

9 MR. MITCHELL: When is the next TWG meeting?

10 MR. DICKERSON: We haven't set one yet, and it's really whether  
11 we need another committee meeting.

12 MR. GRASER: If it is, I think by John's schedule it's going to have to  
13 be on Monday, July 24th. The only hitch is the compilation by the 21st, which is a  
14 Friday.

15 MR. DICKERSON: I think we can do it remotely by teleconference.

16 MR. GRASER: In fact, by the 25th, that gives us Monday the 24th to  
17 do it.

18 MR. BALCOM: John and Fielden, do you want the site information  
19 also back to you, just to reiterate all the remote site information back to Fielden?

20 MR. DICKERSON: By early next week, yes.

21 MR. SWAINSTON: What is the rest of it?

22 MR. DICKERSON: Any written comments that you have, you know,  
23 modifications that you've made up, any Phase 2 requirements, we saw those kind of  
24 markups yesterday, others of you have markups that you carry, I'll take those. But the

1 big thing I need from you is the remote site proposal, so that we can wind up with  
2 those tables being complete.

3 MR. VON TIESENHAUSEN: And numbers.

4 MR. DICKERSON: And numbers, that's right.

5 MR. NEVILLE: And one more reminder, the two sets of documents  
6 are due at the end of August.

7 MR. HOYLE: Marty.

8 MR. CUMMINGS: John, the difficulty outside of this meeting, if you  
9 wouldn't mind, could I make a plug about our upcoming symposium for the Nuclear  
10 Information and Records Management Association? August the 27th we have an  
11 outstanding program, a technical program, that's run by these two gentlemen here,  
12 Dan and Dave, I'm the Chairman of the symposium this year, and our most notable  
13 keynote speaker, two of them as a matter of fact, are Chairman Jackson and also  
14 Philip Baine. And we also have just another outstanding technical program, and I just  
15 wanted to pass that on, if you need any information on it, when you go back to your  
16 respective organizations, anybody that's interested, please tell them to call me. I'll be  
17 glad to give them the information.

18 MR. LEVIN: Marty, where is it?

19 MR. CUMMINGS: It's going to be at the Lobby Shore Hotel in  
20 Washington, August 27th through the 30th.

21 MR. SILBERG: Another exotic trip.

22 MR. CUMMINGS: Thank you.

23 MR. HOYLE: Thank you, Marty.

24 One last announcement Lloyd has for us.

1                   MR. MITCHELL: I understand that some of you needed some extra  
2 large T-shirts, we have some this morning, about five of one style and three or four of  
3 another one. And also members of the audience yesterday who did not get a glass, I  
4 think we have some up here for you too.

5                   MR. HOYLE: Okay. Thank you very very much.

6                   MR. CAMERON: Thank you, Lloyd.

7   (Applause.)

8                   MR. MITCHELL: Thank you.

9   (Meeting adjourned at 9:40 a.m.)

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