



# THE MEMPHIS DEPOT TENNESSEE

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## ADMINISTRATIVE RECORD COVER SHEET

AR File Number 502

Note: These minutes were approved at  
the RAB meeting on July 20, 2000.

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**MEETING MINUTES**  
**Restoration Advisory Board**  
**May 17, 2000**  
**2163 Airways Boulevard**  
**"J" Street Café, Building 274**  
**The Memphis Depot Business Park**  
**Memphis, TN**

The Restoration Advisory Board (RAB) meeting was held at 6:00 p.m. on May 18, 2000 at the Memphis Depot Business Park in the "J" Street Café, Building 274, 2163 Airways Boulevard. The attendance list is attached.

**WELCOME AND INTRODUCTION**

1 MR. PHILLIPS. Welcome and good evening This is our May 2000 Restoration Advisory  
2 Board meeting It marks almost a change of command type of meeting for  
3 us This is the first meeting for our new RAB Community Co-chair,  
4 Kevin Clay We have business from our last meeting, but before we get to  
5 that, we have the agenda for tonight Unfortunately, due to some  
6 circumstances that you were made aware of in a letter dated May 18th,  
7 which is today, we don't have our RAB meeting minutes in front of us  
8 from April. We don't have anything to second and approve. So we will  
9 go right to the May agenda

10  
11 **REVIEW AND APPROVE MAY AGENDA**

12  
13 MR. CLAY: I would like a motion from the floor to approve the agenda for tonight's  
14 meeting.  
15 MR. TRUITT: So moved.  
16 MR. TYLER: Second.

1 MR CLAY With the motion and second for the agenda for tonight's meeting to  
2 approve, all in favor say "aye."

3 THE BOARD. Aye.

4 MR CLAY Any opposed? (Brief pause.)

5 MR. CLAY: None opposed  
6

7 **OLD BUSINESS - TAPP PRESENTATION**  
8

9 MR PHILLIPS: Thank you, Kevin. On Old Business. The very first thing on my notes  
10 today for Old Business deals with our TAPP contractor. As some of you  
11 might know, there's something that's not on the agenda tonight that you  
12 expected. That was a TAPP presentation on the Main Installation  
13 groundwater. I contacted the gentleman from Environmental Realty,  
14 Incorporated back in March-February, or March I believe, and gave him  
15 that Main Installation Remedial Investigation Report to review to provide  
16 the RAB a report And I had a hard time keeping in contact with him. I  
17 haven't been able to touch base. So I finally referred it to my contracting  
18 officer to figure out what was going on with this particular contractor, and  
19 they found out last week Environmental Realty, Incorporated went  
20 bankrupt. So right now we don't have a TAPP contractor  
21

22 The contracting officer I spoke to earlier this week -- and what she is  
23 planning on doing is the RAB TAPP subcommittee rated four different  
24 TAPP contractors -- and there was somebody who was a close second.  
25 She's planning on contacting that contractor so we can do something  
26 quickly. Documents need to be reviewed this summer because we have a  
27 public comment period coming up during the middle of the summer, and  
28 the RAB needs a technical presentation on that document fairly quickly.  
29 So she's going to go to the next vendor down the line who was also pretty  
30 well received by the TAPP subcommittee that sets those presentations

1 Other than that, there's not much I can say I will tell you that I gave the  
2 former contractor a copy of our Remedial Investigation, and I'm going to  
3 try to get that back from him because that is a very expensive document.  
4 And I need another copy of it to hand off to whomever we get next as  
5 TAPP contractor. I don't recall the name of that next contractor on the list.  
6 Does anybody from the subcommittee remember?

7 MS. YOUNG: No, I don't remember.

8 MR. PHILLIPS: Okay, I will have to go back and look at the notes. So no TAPP  
9 presentation tonight. Mr Tyler?

10 MR. TYLER: Being chairman of that subcommittee -- Stanley Tyler -- I apologize for  
11 any inconsistencies that we didn't see in this company filing bankruptcy  
12 But the next company on the list I will openly proceed to give them a  
13 contract. And I hope you will fax me any pertinent information so that I  
14 can just go ahead and move on this so we can go ahead and approve this  
15 and get it done.

16 MR. PHILLIPS: Okay, will do If the contracting officer would have let me mention the  
17 second person tonight, I would have But she wanted to review what the  
18 TAPP subcommittee sent forward I wish I could recall the name of the  
19 contractor at this time  
20

## 21 **DEPARTMENT OF DEFENSE GUIDANCE ON BCT MEETINGS**

22

23 MR. PHILLIPS: Okay the Department of Defense guidance regarding BCT meetings  
24 This is something Mr Tyler asked about a couple of months ago Mr.  
25 Tyler, I put a letter in front of you from DLA to me regarding whether the  
26 BCT (Base Realignment and Closure Cleanup Team) meeting is a public  
27 meeting. I have additional copies of that letter in case anyone else is  
28 interested in it. Are the RAB members interested in this?

29 MR. CLAY: Is it a public meeting?

1 MR. PHILLIPS. No, it's not. If there are any comments on that, you could bring it up  
2 during the RAB comment period. That will give you a chance to look at  
3 the letter I received.  
4

5 Last month, or the month before, Mr. Brayon asked for a copy of the  
6 Action Memorandum for the paint shop. There was a paint shop and  
7 chemical warfare materiel removal Action Memorandum that we placed in  
8 the libraries. We mailed copies of those two documents to all the RAB  
9 members. Did everyone receive those okay? They are the Action  
10 Memorandum for the Chemical Warfare Removal and the Action  
11 Memorandum for Parcels 28 and 35.

12 MR. CLAY Twenty-eight?

13 MR. PHILLIPS: Twenty-eight, thirty-five. That's the paint shop area alternatives in the  
14 documents. Mr. Tyler, you had a question?

15 MR. TYLER Yes, sir. Stanley Tyler. I read what you gave me about the BCT meeting.  
16 It says it's not a public meeting. But it does not say that you cannot invite  
17 more than one person from the RAB. That's what I was asking. Courtesy  
18 invitation -- it doesn't say you cannot do that.

19 MR. PHILLIPS. Well, it's been the BRAC Cleanup Team's decision to invite a member  
20 from the RAB to each month's BCT. And what was asked was for a  
21 second person, who is actually not even on the RAB to attend. The feeling  
22 was -- and this is our decision -- that would pose a disruptive presence in  
23 the BRAC Cleanup Team meeting. Just the same as if a RAB member  
24 was to ask to come if they had their children with them that particular day.  
25 Go ahead.

26 MR. TYLER. Regardless of children, anybody can bring a child. Any parent nowadays  
27 who is subject to childcare sometimes is forced to bring a child to work or  
28 a meeting. My question was where is it in stone that you can't have a  
29 second RAB board member? Is it a policy decision that the BCT made  
30 that you three got together and said we only want one RAB member, not

1 two? And that's the only clarification I need. Is that just a policy decision  
2 made by BCT? If it's in writing, that's fine. But if it's part of a decision  
3 you guys made, that's fine with me

4 MR. PHILLIPS: In the RAB charter it says "a RAB member." But the BCT meeting is not  
5 a public meeting. That's actually a question that came up last year with  
6 respect to a Tennessee Sunshine Law. It was Tennessee's interpretation  
7 that the BRAC Cleanup Team meeting was not a public meeting as well.  
8 Thank you. Ms. Bradshaw, we are in the Old Business portion of the  
9 agenda

10 MS. BRADSHAW: I don't know if the minutes reflect this, but in the beginning when you  
11 started letting RAB members come in, there were two. This was before  
12 you. So frankly, go back and look at those minutes because they allowed  
13 two RAB members to come in

14 MR. PHILLIPS: Thank you, Ms. Bradshaw.

15 MS. BRADSHAW: They gave us the opportunity to have two

16 MR. CLAY: Are the members of the BCT present today at this meeting? All present?

17 MR. PHILLIPS: Yes, sir.

18 MR. CLAY: I was just going to ask them if there was a possibility that two people  
19 could attend. I'm sorry. Kevin Clay. I was posing a question to the BRAC  
20 BCT members if it was possible that they would consider adding a second  
21 person, or allowing a second person to attend the meeting? I didn't want  
22 an answer now. I mean, maybe they can discuss it and get a staff member  
23 to come in after they discuss it

24 MR. PHILLIPS: The reason we afforded that opportunity for a RAB member to come to  
25 observe the BRAC Cleanup Team was to not operate in silence; to let the  
26 RAB -- afford the RAB to see how the BRAC Cleanup Team worked; to  
27 see how it was they valued work level roles relative to these type of  
28 meetings. Unfortunately, since we implemented that informal procedure  
29 of inviting a RAB member, it seems like month in, month out it's Mr.  
30 Tyler. And I've got to tell you, Mr. Tyler probably knows better than

1 anybody how we operate. Unfortunately, that's not really what we  
2 envisioned. We thought different people and perspectives from the RAB  
3 would come and see how we operate. We already provide -- when we  
4 mail out the RAB meeting minutes -- when we have those, BRAC  
5 Cleanup Team meeting minutes. So everything that comes to a decision in  
6 the BRAC Cleanup Team meeting gets mailed out to the RAB members,  
7 as well as putting those BRAC Cleanup Team meeting minutes in the  
8 repositories. They are part of the public record. As far as my feeling, I  
9 think that's adequate in terms of being open and forthcoming. But to not  
10 lose the flavor of this being working -- a working level meeting -- what do  
11 the other BCT members think?

12 MR. BALLARD: Turpin Ballard, EPA (Environmental Protection Agency). I have to agree  
13 with Shawn. We get into a lot of technical subjects at the BCT meetings.  
14 And it's hard sometimes to stop -- stop the flow if you will -- to answer  
15 questions to bring someone up to speed. Now, you know, we do it. We  
16 do it because we do want to be able to have the attending RAB member  
17 understand what we're talking about. But, you know, if you have two  
18 people that are questioning different things, or need to have clarification  
19 on different things, you know, we don't get the work done that we need to  
20 get done. So that's my take on it.

21 MR. PHILLIPS: Do you want to add anything?

22 MR. MORRISON: Jim Morrison. I just have to agree with both of the other BRAC members.  
23 From my perspective, it is a very technical meeting. I know -- well this  
24 past week we've been meeting for three days to get things ironed out. And  
25 it was helpful -- it was very helpful -- to have the input back and forth.  
26 There's a lot of brainstorming going on. And when you're having  
27 questions -- and very valid questions -- when a person does not understand  
28 and asks what's happening, it makes us have to stop, think about why  
29 we're saying what we're saying, and get back out of that mode and then  
30 jump back into it. So I will confer with my other two BRAC members.

1 MR. PHILLIPS Mr. Tyler?

2 MR. TYLER: Stanley Tyler. What I'm getting at is if this a procedural thing? In other  
3 words, you feel like two RAB members would impede the progress of the  
4 meeting, regardless of the information that you have to dispense to the  
5 members who are present? Because that's what I'm hearing.

6 MR. PHILLIPS: We dispense the progress of the BRAC Cleanup Team through the  
7 distribution of the BRAC Cleanup Team meeting minutes. The purpose of  
8 having attendees is just to observe the process. So we feel that the  
9 information is getting out if folks will read the minutes, and I believe most  
10 of the RAB members do read those minutes. So there is nothing ventured  
11 beyond opening up that meeting. We believe it would be a hindrance to  
12 the meeting. So, yes. Sir?

13 MR. TYLER: Well, since you've got the voice and the vote, it looks like it's a moot  
14 issue. However, I must protest the fact that people can come to a meeting  
15 and observe things that sometimes you can't read in a document.  
16 Interpretation is in the eyes of the beholder whether or not something is  
17 too technical or not. And if there are two people there, maybe one person  
18 can explain it to the other person they brought. Though I know you have  
19 important work to do, this community is concerned. And if somebody is  
20 concerned enough to volunteer their time and energy to come just to sit in  
21 and to observe your meeting, I don't see how that would impede progress  
22 any -- my opinion. Stanley Tyler. Thank you.

23 MR. PHILLIPS: Thank you, Mr. Tyler. Kevin?

24 MR. CLAY: I wanted to know if there is some way that the RAB members could  
25 address the meeting minutes on the BRAC either by written questions to  
26 these guys for clarification, or if that's just not a reasonable alternative.

27 MR. PHILLIPS: If any RAB member has a question of anybody, either from me and DLA,  
28 or from the other two members of the BRAC Cleanup Team, you can  
29 always ask us that question in writing or here at the RAB meeting. That's  
30 always open. Sure.



1 MR. MORRISON Jim Morrison, TDEC (Tennessee Department of Environment and  
 2 Conservation) I understand your concern, Mr. Tyler Procedurally what  
 3 you were just asking about, if someone needs clarification, this is what the  
 4 RAB is for If you're not understanding something that we're talking about  
 5 and you do need clarification, the RAB is the forum for that. The BCT is  
 6 essentially like Shawn said, a working level, a technical meeting in that  
 7 when RAB members come in to observe and you do have questions, that's  
 8 fine. But if you say well, why not two, why not three, why not four or  
 9 five, it gets to a point where -- what is enough. And actually what is the  
 10 intent of that BCT meeting? So and again, the RAB is for what your  
 11 needs are

12 MR. PHILLIPS Are you finished, Mr. Tyler?

13 MR. TYLER I have another question

14 MR. PHILLIPS Ms. Bradshaw has a question.

15 MS. BRADSHAW The person over here, what's your name again?

16 MR. MORRISON My name is Jim Morrison.

17 MS. BRADSHAW Jim, for your information, I don't know if Shawn shared with you what has  
 18 been going on with some RABs throughout the country But it seems like  
 19 the East Coast RABs is more progressive than this Southern RAB because  
 20 they let the people in They let whoever wants to come in, especially one  
 21 that dealt with many secrets See, if there are no secrets, then it shouldn't  
 22 be a closed meeting anyway Which is -- which I feel like that you have  
 23 already broke the Sunshine Law.

24  
 25 And at the next meeting I hope that you can ask the Speaker Pro Tempore  
 26 to come in. Because I want her to get these minutes because I think that  
 27 what -- even though this is the federal government, I know there was  
 28 secrecy. I know that there was a signing of the Federal Facilities  
 29 Agreement with the state, EPA and DLA. I understand that. But I don't  
 30 see why you all feel as though that the BRAC should be totally closed I

1 understand how the president set it up I understand that. But it seems as  
 2 though that -- it seems like these Southern people have a tendency to push  
 3 things a little bit too far. And I don't see no reason for it whatsoever. So  
 4 I'm going to ask the Speaker Pro Tempore if there is some type of  
 5 legislation about the Sunshine Law and how it would be enforced on  
 6 federal facilities. I don't know if there is any or not because, you know,  
 7 this is her district. I'll ask her to see if she can be here at the next meeting  
 8 And Shawn if you could, please make sure that she gets a set of the  
 9 minutes at the next meeting.

10 MR. PHILLIPS: Could you run the name by me one more time?

11 MS. BRADSHAW: The Speaker Pro Tempore is Lois DeBerry

12 MR. MORRISON: Jim Morrison, TDEC. The BCT meeting is not a closed meeting.

13 MS. BRADSHAW: Yes, it is.

14 MR. MORRISON: If it has one RAB member present, that is not a closed meeting.

15 MS. BRADSHAW: Yes, it is. It's closed.

16 MR. PHILLIPS: Mr. Tyler has one more question.

17 MR. TYLER: On this BCT meeting situation, I understand you have business to conduct  
 18 And it's been my pleasure sitting in on your meetings I've been blessed  
 19 and cursed to understand some of what's been going on I've been cursed  
 20 to get on the Internet to verify what you guys are doing, or trying to do  
 21 However, it seems to me that we've got what, 400 U.S. Representatives,  
 22 and we've got two from D.C. who can come down, talk and do everything  
 23 So I don't know why we can't have two RAB members on this committee.  
 24 Seems like y'all could get it done with people who can be there and not  
 25 vote. I don't know why we can't have two committee -- two community  
 26 people there who can't vote to just sit around and watch. I don't think  
 27 we're going to impede your progress. At least I try not to impede your  
 28 progress. And if y'all are trying to say that I have impeded, please be  
 29 blunt and tell me.

1 MR. MORRISON No, that's not -- you've been a very beneficial part of our meetings. Jim  
2 Morrison That was not what we were eluding that at all. I've enjoyed  
3 you being there

4 MR. PHILLIPS Well again, when we get to the BCT Update tonight, we're going to ask if  
5 someone would like to attend the next BCT meeting. As we've discussed  
6 today, I believe we might have a one-month break in the BRAC Cleanup  
7 Team meeting in June. But whenever, we'll ask for a volunteer for the  
8 next meeting, which looks like it might be in July. But hopefully Mr.  
9 Tyler, if you do not feel like attending, hopefully someone else will step  
10 forward and attend But I think we need to move onto the next order of  
11 business.

12 MR. TYLER I'm in agreement

13  
14 **AGENDA TOPICS**

15  
16 MR. PHILLIPS Agenda topics. As always, we welcome topics from the RAB members for  
17 the agenda. As we said last month, we're going to have a busy summer in  
18 terms of documents coming out, and there is a public comment period  
19 scheduled for later this summer We plan to have some technical  
20 presentations on the Remedial Investigation (RI) for the Main Installation  
21 over the next couple of months It's not something we can do in one  
22 month. So it's probably going to take two, possibly three. We also want  
23 to continue providing updates on the chemical warfare materiel, as well as  
24 the removal action out at Parcels 35 and 28 -- the old paint shop and  
25 maintenance area.

26  
27 I've got a pretty good story to tell, an item of good news. Last month Mr.  
28 Truitt brought back some information over a potential local Information  
29 Repository location, and it was discouraging information. Since last  
30 month, Mr. Truitt brought me some information from a -- I'll call it a

1 campus, a school campus. It's really hard to describe what it is. It's a job  
2 training center that's right down here off Alcy Road. I went down to speak  
3 with the lady who runs that, Gayle Rayford, and I spent about an hour in  
4 there talking with her, and she's willing to donate some space for a  
5 repository. I have the shelving. She has limited hours of operation. She's  
6 open during business hours. I forgot to ask her if there were any  
7 weekends or if there were nighttime hours, but she told me she was there  
8 until at least five o'clock every day. It's right off of Alcy. It's pretty close  
9 to where Alcy comes off of Ketchum and Ball there. So it's just right here  
10 in the community. She's got enough space for what I need, and I plan on  
11 moving our branch next week -- our Information Repository branch from  
12 the Main Library to this location. There's a second reason why that's good  
13 news. The main branch is going to be moving to the new branch they are  
14 building over on Poplar sometime over the next year. So it's just better, in  
15 a better location for the residents in this community.

16  
17 Again, I would like to invite everybody to visit our other Information  
18 Repositories. the one on Cherokee -- rather the Cherokee branch on  
19 Sharpe; the one that Carter Gray houses down at the Memphis/Shelby  
20 County Health Department; plus the one that we have in our building --  
21 Building 144 here at the Depot. If you want to visit the one here at the  
22 Depot, please call Ms. Moore, Alma back here, 544-0613, to schedule  
23 access into that room. From that particular repository RAB members can  
24 check out documents. There are even videotapes. Actually, we've done  
25 that. We did that a couple of months ago, checked out a copy of the Main  
26 Installation RI. So that's worked. That's the last item of Old Business I  
27 have.

1 **NEW BUSINESS**

2  
3 **MR. PHILLIPS** Okay, the first item that I had dealt with the agenda and how the TAPP  
4 contractor has defaulted on us That's put me in a mode of -- oh, Mr.  
5 Tyler?

6 **MR. TYLER** Stanley Tyler. I hate to keep bringing this up, but how is our web page  
7 coming in terms of putting the repository information on the web page?  
8 As you know, I try to visit it weekly, and it's slow, you know When you  
9 try to go back and get past documents, historical statutes, or just -- the  
10 repository itself on the web instead of having one in the library It appears  
11 to me there's a -- I'm going to try to use a friendly -- there appears to be a  
12 tedious process involved But could we expedite this process getting the  
13 repository information on line? This is an electric generation Almost  
14 everybody is on line, including the Commercial Appeal I don't know  
15 why, but it's on line So if we could get historical documents in the  
16 repository, especially the one on chemical warfare removal, the Site Safety  
17 Submission. I would like to at least get that on line before the work is  
18 finished with Dunn Field Thank you.

19 **MR. PHILLIPS** Thank you, Mr. Tyler Like I said, a new item of New Business is a  
20 presentation that literally got put together today It's a very timely  
21 presentation on the decision process under Superfund It's timely because  
22 the Main Installation Remedial Investigation has been complete and there  
23 will be a public comment period later this summer. And during a tour of  
24 the chemical warfare removal site with Mr. Tyler a couple of weeks ago,  
25 he and I had a brief discussion over how does the program proceed. What  
26 are the nuts and bolts of the program?

27  
28 So we thought we would put together -- straight out of the regulation -- a  
29 very brief presentation over how the decision process worked and when  
30 the public comment period came into play. I only have three or four slides

1 to this affect. Actually, more of the information is provided to you in a  
2 handout. It's here, this handout. It's called the *EPA Guidance for*  
3 *Conducting Remedial Investigations and Feasibility Studies Under*  
4 *CERCLA*. So with no further adieu, I'm going to get the overhead  
5 projector and set it up here for the presentation. I will need a couple of  
6 minutes to do that if you can excuse me. (Brief pause)

7 MS. MOORE: I would just like to mention to the RAB members that the June 15th RAB  
8 meeting is going to be at Norris School. We want to try to go within the  
9 local community a little bit. So the principal, Ms. Yolanda Jordan, has  
10 offered her school. Ms. Willett is having renovations done at Dunn, and  
11 she's agreed to have a meeting in the fall when she gets a new cafeteria.  
12 So we'll take it into the community. So next month don't drive up here  
13 and do things like I do and come in Gate one or Gate two. I've even  
14 driven into the old gate. Drive to Norris school. Try to put that memo on  
15 your refrigerator. Thanks.

16 MR. TYLER: Stanley Tyler. I would like it on the record. Thank you Ms. Alma Black  
17 Moore for the hard work you're doing in trying to put this RAB meeting in  
18 the community. Hopefully she will keep up the hard work, and thank you  
19 for a job well done.

20 MS. MOORE: Thank you.

21 MR. PHILLIPS: Okay unfortunately, I believe our projector is in the way of probably Mr.  
22 Eskridge and Mr. Truitt. I will keep moving so you can see around me.  
23 Like I said, the meat of the presentation is in this document, which is in  
24 front of each of you. For members of the audience, there are copies of this  
25 back at the table where you came in. Again, it's the *EPA Guidance for*  
26 *Conducting Remedial Investigations and Feasibility Studies Under*  
27 *CERCLA*. Turpin and I are both going to discuss portions of this. The  
28 presentation is geared more towards how the process works. I don't have  
29 any data specific to Memphis except some dates of when things are going  
30 to be out.

1 MR. TYLER Is there a page you're on?

2 MR. PHILLIPS Pardon?

3 MR. TYLER Pages?

4 MR. BALLARD. You don't have this slide

5 MR. PHILLIPS: Here is a step-back look at the program. Let me pull that out. Okay, the  
6 Remedial Investigation is an effort to collect data through environmental  
7 sampling. It's also to characterize the site. This is determining --  
8 answering the questions of the nature of any contamination that's on this  
9 site as well as the extent of the contamination. A major portion of our  
10 Remedial Investigation is a Risk Assessment. That would be folk like Dr.  
11 Ted Simon who has been at the RAB before. You take the data collected  
12 through the Remedial Investigation and get a quantification of the risks  
13 that environmental situations on the site pose. Right now we are doing our  
14 Feasibility Study, which looks at different alternatives that address the  
15 risks that came out of the Remedial Investigation for different sites, for  
16 different areas of the base

17  
18 This includes a *Detailed Analysis of Alternatives*. It has compared each of  
19 them against **Nine Criteria**, which Mr. Ballard is going to speak to. The  
20 **Nine Criteria** are the law. We're required to follow those **Nine Criteria**.  
21 It also looks at a comparative analysis between alternatives with respect  
22 of, for example, this one. This one is to protect human health and the  
23 environment -- that kind of comparative analysis. After the Feasibility  
24 Study is complete and it goes into the libraries, a Proposed Plan comes  
25 from DLA and will go to the libraries with input and involvement from the  
26 Environmental Protection Agency and the Tennessee Department of  
27 Environment and Conservation.

28  
29 That is the Proposed Plan for what will remedy all the situations that were  
30 found through the Remedial Investigation. It's based upon the Remedial

1 Investigation. It's also based upon that analysis that's in the Feasibility  
2 Study of different alternatives to clean something up This goes out -- this  
3 is the document that once it hits the library, that begins the public  
4 comment period It's required by regulation that it be very basic Now,  
5 you really can't review the Proposed Plan unless you have what it's based  
6 upon, which is the Remedial Investigation and the Feasibility Study. You  
7 know, the Proposed Plan is a very brief document. It's -- maybe you can  
8 describe it better when you get up but ---

9 MR. BALLARD: I'll try.

10 MR. PHILLIPS: It's a very brief document It's based upon the science of the previous two  
11 documents, the Remedial Investigation and Feasibility Study. After the  
12 Proposed Plan goes out -- also, let me mention During that period we will  
13 have a public meeting, and that's the opportunity for the public to provide  
14 the verbal comments If you came to any of our two removal action public  
15 comment meetings last year, it will be very similar

16  
17 After that closes, the lead agency, which is Defense Logistics Agency,  
18 with approval from EPA and TDEC, will publish a Record of Decision.  
19 That's an official decision document It's based upon the Administrative  
20 Record, which is the Remedial Investigation, Feasibility Study, Proposed  
21 Plan, plus public comments and any other documents that fed into the  
22 decision And it responds to and incorporates all of the public comments  
23 that happen during that period Where we are right now with the  
24 Feasibility Study -- and this is from my discussion with Mr. Tyler. I  
25 realize this was a very timely discussion to have with the RAB, because  
26 the **Nine Criteria** is set forth in the law. That's what we're looking at right  
27 now, and with that I want to present those **Nine Criteria**. Mr. Ballard can  
28 discuss -- oh, by the way, before I turn it over to Mr. Ballard, these **Nine**  
29 **Criteria** are ---

30 MR. MORRISON: Six dash seven.



1 MR. PHILLIPS Six dash seven? There is a table on Page 6-7 that looks like this that has  
2 the **Nine Criteria**. Underneath them they have examples of these criteria  
3 As well, the page starting on 6-6 and for the several following pages  
4 there's a paragraph that describes these **Nine Criteria**. Turpin is going to  
5 try to do a real brief overview of it.

6 MR. BALLARD: Thank you, Shawn. The **Nine Criteria** are embodied in regulation in the  
7 National Contingency Plan, and they are the criteria. In fact, I believe one  
8 of the RAB members at a previous meeting asked if we have any  
9 standards of criteria that we're evaluating. You know, the alternatives are  
10 mentioned in the **Nine Criteria**. And so now we're giving you a little  
11 more formal presentation on that

12  
13 Those criteria are divided into three categories, the first two being  
14 *threshold criteria*. There are two *threshold criteria*. And what we look at  
15 -- when we've assembled some alternatives to take to a detailed analysis --  
16 this is a final check with these *threshold criteria* to make sure that the  
17 alternatives pass a certain threshold. They must be protective of human  
18 health and the environment, and they must be able to meet all applicable  
19 or relevant and appropriate requirements. That's an acronym called  
20 ARARs, which you may have heard. That's what that means. Those are  
21 just other environmental laws, including things like resort preservation,  
22 wetland protection that may be appropriate for the situation. If they are  
23 determined to be appropriate for the situation, then we would have to meet  
24 any substantive requirements of those laws. So once you determine that  
25 your alternatives pass the *threshold criteria*, then there are what we call  
26 *primary balancing criteria*. Those are where we mainly do the  
27 comparative trade offs to -- you know, to see which one will give us the  
28 best balance and meet the remedial action objectives. Those *primary*  
29 *balancing criteria* are long-term effectiveness and permanence, reduction  
30 of toxicity, mobility or volume through treatment, short-term

1 effectiveness, implementability and cost And the handout that you were  
2 given describes each of those in good detail and provides a sort of sub-  
3 criteria.

4  
5 You know, one of the things we look at under each of those *primary*  
6 *balancing criteria* is, you know, to evaluate each alternative. The detailed  
7 analysis has two aspects to it. We take each alternative and hold it up  
8 against the **Nine Criteria** just to see how it satisfies, or fails to satisfy  
9 each criterion. Then there's a comparative analysis where the criteria are  
10 compared to each other with respect to each criterion. Once we've done  
11 the comparison against the *primary balancing criteria* -- and usually after  
12 the public comment period -- we look at the *modifying criteria* That is  
13 the extent to which the state and the community accepts the alternatives  
14 and what kind of comments are in the public comment period because you  
15 can receive all kinds of comments

16  
17 If someone has made a substantive comment that provides new  
18 information which we didn't previously have which might cause us to  
19 change how we would look at an alternative or remedial approach, we  
20 would factor that into a possible revision to the approach of that safety  
21 site. We would perhaps consider different alternatives; more favored  
22 different alternatives when we have that kind of input I guess I would  
23 encourage you to, you know, become more familiar with the process that  
24 we're going through so that when the time comes to review the  
25 Administrative Record and the Remedial Investigation Feasibility Study --  
26 to briefly skim through them so that you can have a basis for  
27 understanding Why we're proposing what we propose when the  
28 Proposed Plan comes out. If you will -- you will be familiar with the  
29 process and be -- I guess, a little more informed, make more informed  
30 comments Do you have a question for me, Mr Tyler?

1 MR. TYLER Yes, a layman's question Is this the time during this decision process to  
2 block something you don't like?

3 MR. PHILLIPS As a citizen?

4 MR. TYLER Yes.

5 MR. PHILLIPS: No, it's not I was going to get to ---

6 MR. BALLARD: This is the time that if you're against something to make that known. Yes.

7 MR. TYLER: I understand making it known, but if there are certain affects on the  
8 community that if you catch what goes in -- an ounce of prevention is  
9 worth a pound of cure. If you prevent an ounce of it before it gets to be a  
10 pound, the community will be much better protected rather than trying to  
11 fight it on the last decision. Is this where y'all formulate your plan, decide  
12 what you're going to do, how much it's going to cost and how you're going  
13 to go about doing it?

14 MR. BALLARD Yes

15 MR. TYLER And the community should be informed of this before it goes into action.  
16 Would that be a layperson's time to get in there and get your voice heard,  
17 your vote heard?

18 MR. BALLARD: That's this point right here. That's when the Superfund Law requires  
19 community involvement This is the place where the formal involvement  
20 is required You know, if when you read the Proposed Plan If you have  
21 comments to make about it, and you're opposed to it and you provide the  
22 reason you're opposed to it, those comments go in to get considered.  
23 Either we incorporate somehow or respond to it by -- you know, in a  
24 Responsiveness Summary, which is attached to the Record of Decision  
25 similar to the Responsiveness Summary that you have attached to the  
26 Action Memorandum.

27 MR. PHILLIPS: Well, when Turpin brought up the time in the process to make comments  
28 or whatever, this was my last slide here. It was just to show the dates and  
29 where we are. The Remedial Investigation, which had the data that we did  
30 through the -- through all our sampling All that data has been through the

1 Remedial Investigation as well as a Risk Assessment which was produced,  
2 which quantifies what that environmental sampling data means in terms of  
3 this much risk, or that much risk from this site to that site. That's there.  
4 That's out in the library. It went final in January. So far we've had one  
5 request from the RAB, which I got a copy of that document, and it was  
6 checked out to that member. It's still checked out to that member.

7  
8 The Remedial Investigation -- the text of the document is in two binders  
9 It's a very extensive document. We looked at the entire Main Installation,  
10 which is approximately 570, 550 acres, something to that affect. We  
11 looked a lot at the golf course, industrial area and administrative areas.  
12 We looked at all of that. These two binders of the Remedial Investigation  
13 are probably four inches thick -- apiece. It's not something that you check  
14 out for a weekend and you're smart the next week. It takes a while to look  
15 at. You've got to figure out what concerns you the most. Are you  
16 concerned about the groundwater and the drinking water? Are you  
17 concerned about dust? Are you concerned about surface water, like in our  
18 two ponds here? Look in the document to see what the data tells you.  
19 Now is the time to be looking at that, because this summer -- and right  
20 now we're looking at I believe the August time frame. If we maintain the  
21 schedule and if we get the Feasibility Study and it says 'final'. If it says  
22 two regulatory agencies here agree with what we've done there in terms of  
23 comparing the different alternatives against the **Nine Criteria**. If we  
24 keep that schedule, this summer in the August time frame, the Proposed  
25 Plan will go up for public comments. So it's something that if you're real  
26 interested in, it would take you a while to review the documents to form  
27 some good questions for comments. Mr. Tyler?

28 MR. TYLER: I hate to be the one always asking all these questions. Could we get back  
29 to my basic premise? We've got an Internet set up just for this purpose.

30 That document is four inches thick. We have to check it out, or come to

1 view it. Why is that document not on line whereas I could just double  
2 click on the pages I need to print, or the things I'm concerned about? I  
3 mean, we've had the Internet, what, about six months, the web site?

4 MR. PHILLIPS: No. I believe the web site has been up and running for about ten or eleven  
5 months now.

6 MR. TYLER: Well, I'm being generous. Okay, I know the first three months you've got  
7 to work the kinks out. Now, why aren't these documents on line in the  
8 web site repository for somebody like me who can double click on it and  
9 just get the pages that he's concerned about and study them instead of  
10 checking out a big old monstrosity that you've got to thumb through?  
11 With the telephone, children and everybody bothering you -- you can get  
12 on line, get what you need, double click, print out what you want,  
13 highlight it and then send your questions in email back to you, rather than  
14 having to go through all this. Isn't that the purpose of the Internet, of the  
15 web site, of the web page or do I have it wrong?

16 MR. PHILLIPS: The purpose of the web page is to let the community know what we're  
17 doing in terms of meetings -- our up-to-date progress, our chemical  
18 warfare materiel weekly briefings -- all of that information. I will ask our  
19 technical web site manager about putting this document on the Internet  
20 due to the length of the document. I will get an answer to you on that to  
21 see if we can do that, and I will get that answer before the next month's  
22 RAB meeting.

23 MR. TYLER: Okay, one follow up. It was my opinion -- maybe I have the wrong  
24 opinion -- that there would be a repository on the web site equal to or  
25 greater than what's in the library for those people who cannot get to the  
26 library for physical reasons or personal reasons. They could sit at their  
27 computer and download the information that's pertinent to what they're  
28 trying to do. Now, that was my understanding of it. Now, I must have  
29 missed the mission, or missed the page or something. So repeat to me.  
30 What is the purpose of our web page, so that I can get this correct?

1 MR. PHILLIPS Going down the vein of what you're asking -- documents. What we have  
2 done is put summaries of some critical documents that we produced on the  
3 web pages that describes what happened to the document, about what the  
4 document said, and it gives conclusions of the documents. The entire  
5 documents are not on the web page. We haven't done that. I will have to  
6 ask if that's possible. I don't know if you've been to the repository, but we  
7 are talking about a significant amount of information. So I will have to  
8 get you the answer to the technical feasibility of putting the actual  
9 document on the web site. Mr. Tyler?

10 MR. TYLER: One last follow up. As you know, when President Clinton was being  
11 impeached, there was a whole wealth of documents about him and  
12 Monica. It didn't take but about a day or two for that to get on the  
13 Internet. And the Library and Congress got their document out, and you  
14 know how thick their document was. So it was the next day, it was on the  
15 Internet. You could download any and all the testimony you wanted. All  
16 we're asking for is the repository on line for those of us who want to  
17 participate on line, and if it's going to be cost effective. We need to find  
18 out if it costs too much so we can start writing the right people, the people  
19 to get them to pay for it.

20 MR. PHILLIPS Let me get an answer to the technical question first, Mr. Tyler. Then, you  
21 know if it's not to your satisfaction, you can always ask the question. Any  
22 other questions? Mr. Morrison?

23 MR. MORRISON: I just wanted to let you know that this *EPA Guidance for Conducting*  
24 *Remedial Investigations and Feasibility Studies Under CERCLA* -- this is  
25 on the EPA web site. This is just an excerpt from this, but you can  
26 download this entire document, or look at any portion of the RI-FS  
27 process there to make certain that we have followed the culminated  
28 documents on that.

29 MR. TYLER: Stanley Tyler. I have ATSDR -- I have ATSDR on my bookmark. I have  
30 EPA on my bookmark, and I have the Depot on my bookmark. EPA has a

1 great site One day I would like to see the Depot have an even better site  
2 I've got a lot of information off of EPA and ATSDR, and I'm looking  
3 forward to the Depot having the same wealth of information on their web  
4 site That's my understanding of what I would like to have. Thank you for  
5 the insight.

6 MR. CLAY: I have a comment I would like to go on record of saying. I also was under  
7 the impression we were going to have a full-fledged -- what do you call it?

8 MR. PHILLIPS: Information Repository?

9 MR. CLAY: Information Repository on the web site as well That's something I was  
10 hoping to have that up and running very soon So if you could, find out  
11 first if that's the purpose of it Then the next question I want to know  
12 how soon can we get that up and running? Because, believe it or not, it  
13 does save a whole lot of wear and tear to just go to your computer versus  
14 going up to Cherokee Library. We'll find out if we're going to put it on  
15 there And secondly, when are we going to have it up and running?

16 MR. PHILLIPS: Okay, I have two questions to take back then Thank you If and when  
17

## 18 CHEMICAL WARFARE MATERIEL UPDATE

19

20 MR. PHILLIPS: Okay, the next item on the agenda is Mr. Clyde Hunt, the engineer -- on-  
21 site coordinator -- rather from the Corp of Engineers with the chemical  
22 warfare materiel removal project. He was going to tell us how the  
23 removal action is going. Mr. Hunt, do you need the overhead projector  
24 that I just removed?

25 MR. HUNT: No. How is every one this evening?

26 THE BOARD: Fine

27 MR. TYLER: We'll let you know in a minute

28 MR. HUNT: You'll know in a minute Okay, all right. Just to alleviate any concerns or  
29 fears, first of all, let me just go over the scope of work in case we have  
30 some new people here tonight who might not be familiar with the

1 chemical warfare removal action that is occurring at Dunn Field. We're  
2 looking at three sites. The scope of work at site one, removal of the  
3 chemical agent identification sets (CAIS), those sets were used during  
4 World War II to train military soldiers in what chemical agent mustard  
5 smelled like. It contained a very dilute solution of the chemical agent  
6 mustard, and that is what we suspect that is buried at site one.

7  
8 The second site: we refer to it as the neutralization pit because that goes  
9 back to -- back in history in what occurred in 1946 when bomb casings  
10 that contained the chemical agent mustard was being transported from  
11 Mobile, Alabama to Pine Bluff, Arkansas. While traveling through  
12 Memphis, several rail cars were noted leaking. Those rail cars were  
13 brought to Dunn Field. Those bomb casings, there was about 29 of them,  
14 were drained into a pit that contained bleach. The bleach neutralized the  
15 mustard, which is why we refer to the second site as the neutralization pit.  
16 The scope of work in regards to that site would be primarily to examine  
17 that pit to ensure that everything was neutralized that has not been  
18 neutralized, which resembles a glob, and, of course, it would be removed.

19  
20 The third site would be the burial of the bomb casings. That's the  
21 containers. That's what contained the chemical agent mustard. The third  
22 site is the, of course, examination of the remains that occurred 50 years  
23 ago. At this point in time, the vapor containment structure (VCS) is  
24 located over site one. Work began on May 4th. So I believe tomorrow  
25 would be the twelfth day of work. What we have found so far? Well, let  
26 me explain to you the method of excavation. It's being done in, I guess, an  
27 arch format starting here (indicating) and methodically just going into an  
28 arch shape. The depth in some areas is ten feet. We do not plan to go any  
29 deeper than ten feet. Describing the pit is ten feet in this area, but perhaps  
30 over here is more of a step format. And as we progress over, it comes -- it



1 becomes ten feet That doesn't -- okay, let me go back In terms of the  
2 excavation area, the vapor containment structure is circular So the work  
3 that's occurring inside is being done by a backhoe It's basically digging a  
4 hole, and right now the size of the hole is about 30 feet in length, 11 feet  
5 wide and in some areas a depth of 10 feet. And what we have found so far  
6 has been pieces of concrete

7  
8 I believe we found a fence post, some pieces of asphalt had been found in  
9 the hole And on I believe the day before yesterday -- and Alma can pass  
10 this out -- we found -- we refer to it as K-941 shipping containers We  
11 know that the mission of the installation was to receive, store and ship  
12 supplies to the U.S Army. So what you're looking at, and what Alma is  
13 passing out, are three and one-half ounce mustard bottles They were  
14 empty bottles that we have found at site one About 24 is what we've  
15 found up to date There has been no evidence of any type of mustard  
16 inside of the containers They were basically referred to as shipping  
17 containers They were stored, and, of course, when we reached the point  
18 where mustard was not being used, the Depot buried the containers  
19 We've done testing Once again, there is no significant evidence The  
20 bottles were never filled with the chemical agent mustard. They were just  
21 containers that were stored and buried at Dunn Field. Once again, at site  
22 one what we are looking for are the chemical agent identification sets, and  
23 what we have found thus far are 24 three and a half ounce bottles which  
24 resemble what's shown on the paper that you have in front of you. Yes,  
25 ma'am, Ms. Bradshaw?

26 MR. PHILLIPS: She needs the mike, Mr. Tyler.

27 MS. BRADSHAW: Since you have been digging and in the tent and everything, do you have a  
28 report on the air? I would like to see, you know, the report that you -- I  
29 know you're suppose to pull it so often while you're digging or whatever.

1 MR. HUNT Okay, I would need to refer that probably to Shawn or Steve Dunn  
2 perhaps, a report on the air monitoring.

3 MS BRADSHAW A day-by-day account since you have started digging into the ground  
4 Since you have started digging into the ground, and I know the ventilation  
5 is supposed to be on now. I don't know if it's on or not, but it's up to you  
6 to tell the truth about it. Only thing I can do is accept your word, believe  
7 you or not. But what I'm asking you, do you have a report on the quality  
8 of air going through the air monitoring system?

9 MR. DUNN: Those were reports and ---

10 MS BRADSHAW Can we not see those? As you know, since you're going to bring us an  
11 update on chemical warfare materiel ---

12 MR HUNT: Yes, ma'am

13 MS. BRADSHAW. Bring us an air report. And I'm making this a recommendation by the  
14 RAB I'm making a recommendation that we see those reports And it  
15 can be the raw data, and you don't have to fix it up or nothing. You can  
16 bring us the raw data, and we can learn as we, you know, look at the report  
17 because we do have technical people in the community that can read these  
18 reports that -- DLA thought that we can't understand. You know this  
19 technical stuff But we have people that can read this and that can  
20 decipher information to the community.

21

22 So it would be nice if you give us that raw data as it comes up. When  
23 you're doing the briefing for the RAB you know that would be something  
24 good that we could see Step by step, and it's a thing of trust. So I make a  
25 recommendation that the RAB get these reports monthly because we meet  
26 monthly. And I won't be back to anymore chemical warfare meetings  
27 because when I went over there, I had a severe headache from the air.  
28 And I'm like a canary in a cage Anything that -- you know, it bothers me.

29 MR. PHILLIPS: Thank you, Ms. Bradshaw. Let me mention something that I have been  
30 aware of that the Corp of Engineers, who is responsible for this project, is

1 going to be putting out Upon the completion of the project, they will be  
2 putting out a Post Removal Report that documents whether or not there  
3 were any releases during the project or any -- all our sampling results, all  
4 that kind of material. Clyde let me ask you If not only here, but during  
5 your weekly briefings, to report back from your team--including the  
6 Edgewood Chemical Biological Command folks--if you guys have had  
7 any detections during that week?

8 MR. HUNT: There have been no detections.

9 MR. PHILLIPS: No detections of organics Okay, thank you, but it's a good point. Not  
10 only at the weekly briefings I guess you could say this is how far we  
11 have dug and this is what we have found Saying this is what we have not  
12 found in terms of our air sampling, which we hope, is okay Thank you,  
13 Clyde. Good suggestion, Ms Bradshaw. Mr. Clay?

14 MR. CLAY: I was going to ask Ms Bradshaw if she wanted to make a motion for an  
15 air monitoring update

16 MS BRADSHAW. That was a motion. The recommendation is that -- I move that the RAB  
17 get the data report of the air monitoring at each monthly meeting. And  
18 Shawn, if we wait for the report to be done, that will be too late, you  
19 know, once we hear about something. And I understand you think that  
20 less work is possible But, you know, we need to see this step by step, and  
21 it's up to us to kind of go through this Since you want to say that you've  
22 got community participation, then we should be able to see the reports as  
23 we go along I make a motion that the RAB get data, air data samplings or  
24 whatever it's called, at each monthly meeting

25 MR. CLAY: Ms. Bradshaw has made a motion that the air sampling be included in the  
26 report in the monthly meeting. Is there a second?

27 MR. TYLER: I second.

28 MR. CLAY: Okay, this information will be included

29 MR. HUNT: Yes.

30 MR. CLAY: Hold on a second. Is there a discussion question about this, Ms. Brooks?

1 MS BROOKS: No, no I'm in firm agreement  
2 MR. CLAY: Mr. Tyler, is there a discussion question?  
3 MR. TYLER: I call for the question.  
4 MR. CLAY: The question has been called for So we now have to vote. All in favor of  
5 including a monthly air quality update on Mr. Hunt's report vote aye.  
6 THE BOARD: Aye.  
7 MR. CLAY: All right, any opposed? ( Brief pause.)  
8 MR. CLAY: It sounds like that's unanimous. That's okay, you can do that, can't you?  
9 MR. HUNT: I can't make that decision, but we'll certainly look into it.  
10 MR. PHILLIPS: I would like to request you to take it back to the Corp, evaluate this, see  
11 how practical this is, raw data. You know, I understand we're going to  
12 have to wring through raw data, but, you know, tell us what's feasible  
13 We'll look at it We'll present that next month. If that's not enough, then  
14 we'll get another question, but see what you can do about this. It's a  
15 reasonable request. Ms. Brooks had a question, and then I believe Mr  
16 Gray has a question.  
17 MS BROOKS. And could that information also be included in the information presented  
18 on the web site? I think that would be great. And I would also like to say,  
19 for the record, that the information on the web site would be extremely  
20 expedient because even though there are people who might not have the  
21 computers at home, there are computers in the schools. Dunn Avenue  
22 School--and during the course of the day I'm very sure that the principal  
23 would allow the residents to come in and view that material I'm sure the  
24 librarian would help them to get on line for those who are not proficient  
25 And also in regard to the web site, would it be possible to have a statement  
26 in terms of the government's response or answer as to why the chemical  
27 warfare materiel was ever brought into the location? Why could it not  
28 have been left at its site? I mean, I don't know. During the time could it --  
29 what was the point in it being transported to Pine Bluff anyway? Why  
30 was it necessary to go -- to be transferred? I don't know. I'm just -- I'm

1 curious, and I'm sure possibly others might be curious What was the  
2 point?

3 MR. PHILLIPS: I believe most of that information is actually available in the EE/CA  
4 (Engineering Evaluation and Cost Analysis), and I will try to summarize --

5 MS BROOKS: Just a brief statement.

6 MR. PHILLIPS: Well here is the deal, and that is still the case as far as I'm aware The  
7 folks from the Corp can correct me if necessary. Pine Bluff in Arkansas:  
8 There are very limited locations that are permitted by the Environmental  
9 Protection Agency that were equipped to handle chemical warfare  
10 materiel. Back in 1946, the Environmental Protection Agency didn't exist  
11 when the trains containing the mustard bomb casings were in route from  
12 Mobile to Pine Bluff. But they were going to Pine Bluff for disposition,  
13 for disposal. They were found to be leaking in West Tennessee, and the  
14 Depot was the closest military installation that had the property and the  
15 wherewithal to handle it Folks from the Depot did not handle the  
16 situation when it happened here. They flew down chemical warfare  
17 materiel experts from Aberdeen, from the Aberdeen Proving Grounds, and  
18 they are the ones that dug the hole, drained the mustard out into the  
19 treatment pit and buried the casings in a second pit. But the whole reason  
20 why that ended up here was it's a military installation that had the property  
21 to handle it, and it was the closest one when the incident occurred back in  
22 1946.

23 MS. BROOKS: Okay, and is there a statement so if children are using the net and they are  
24 on that particular point of information, as many of them will be because of  
25 what's going on -- and they are aware -- you know, just in simplified terms  
26 that they can understand why this was done, and why houses were allowed  
27 to be built and people were fully aware of what was over there? The  
28 government was aware but somehow contractors were allowed,  
29 nevertheless, to go ahead and build all of these residences? I know it has  
30 been put upon me to further that search of information, but I'm thinking

1 that possibly since this is a government related institution, you might have  
2 in roads that I would not have. But basically, as a matter of knowledge,  
3 we were just thoroughly concerned how this situation got to this point  
4 Thank you.

5 MR. PHILLIPS. Thank you, Ms. Brooks.

6 MR. HUNT: I want to make one other point. We do have our weekly briefings every  
7 Wednesday at ten o'clock. Of course, all of you are welcome to attend. If  
8 any of you would like to see or -- or anyone from the community would  
9 like to see what the work -- the activities that are occurring within the  
10 vapor containment structure, there is another trailer that's closer to the  
11 vapor containment structure -- we refer it to as a command post. I would  
12 escort you to that site, and you would be allowed to actually review the  
13 live video of the activities in the vapor containment structure. In fact,  
14 we've had several RAB members that have already had the opportunity to  
15 see that.

16 MR. PHILLIPS. Actually that brings up a good point. I wanted to ask either Mr. Tyler or  
17 Mr. Clay if they wanted to say a word about their report of this site Mr  
18 Tyler?

19 MR. TYLER: First of all, I would like to thank everybody for the five-dollar tour. If  
20 you're in insurance, I know you didn't get all your money's worth. We had  
21 an opportunity to go to the -- I call it the bio-dome or whatever. We saw  
22 all the equipment. We saw the safety procedure videos and we saw the  
23 medical equipment, the fresh air equipment, the laser, and also the safety  
24 precautions they had shown for the workers, and for the paramedic  
25 ambulance on staff. And I don't mean to put a damper on this but, again,  
26 we get back to the citizens in the community. You showed a lot of love  
27 and affection for the workers. They have a lot of safety mechanisms in  
28 place for the workers. However, there are senior citizens in the community  
29 along the fence line in their neighborhoods who might have trouble getting  
30 evacuated, might have trouble getting out of their houses and just might

1 have trouble period Is there a contingency plan for this problem? Those  
2 who are disabled and unable to effectively remove themselves from that  
3 neighborhood? I'm not talking about able-bodied people. I'm talking  
4 about senior citizens and confirmed disabled people. You know some  
5 kind of special contingency plan for them in that neighborhood.

6 MR. PHILLIPS: Thank you, Mr. Tyler. Ms. Bradshaw?

7 MS. BRADSHAW: Doris Bradshaw. I was at the Board of Scientific Council's Community  
8 Involvement Tribal subcommittee meeting the first part of this month.  
9 And along those lines, I feel like that DLA still has not provided any type  
10 of measure for the community in case of emergencies I'm sorry. You just  
11 didn't get there We have hot, hot summers in Memphis, very hot. People  
12 die if they cut off the air-conditioning, and what you all are asking us to  
13 commit is suicide in our house. It gets hot. Well, the emergency plan for  
14 the community, read the plan It says, "Stuff wet towels in the door, take  
15 plastic and seal up your windows." And you know I want to know who's  
16 going to provide the plastic? And, you know the poor people around here,  
17 some of us may not have too many towels And I want to know who is  
18 going to provide this? You should be giving out duct tape and plastic if  
19 you want us to stay in the house What I want to know is when the  
20 weather gets to 100, 102-sometimes, 104 degrees; who do you think will  
21 cut off the air-conditioners? Would you cut your air-conditioner off in the  
22 summer in case something should go wrong?

23 MR. PHILLIPS: We need to clarify what you're stating from that emergency plan If what  
24 you're saying is in there -- if what you're saying is in there, you're right  
25 But it does say that that's to be done in case there is a release. We're not  
26 going to have a release from this site

27 MS. BRADSHAW: How do you know, Shawn? Are you God?

28 MR. PHILLIPS: How do we know? We've got a vapor containment structure. We've got  
29 four air filters. We've got three ---

30 MS. BRADSHAW: The report I got was ---

1 MR. PHILLIPS: --- different types of monitoring to find a release, if there is a release. And  
2 we disagree with you that that's not enough

3 MS. BRADSHAW: Shawn, Shawn, this is a manmade tent. This is not made by God. This  
4 tent is like anything else that's manmade -- an accident can happen. And  
5 so since you're so sure that everything will work out, I feel like that you  
6 wouldn't even report a release to us. I feel like that you all would lie for  
7 the next 50 years after we have died out. We might die out, you know,  
8 that day. But Utah just released that they did have a release. I think it was  
9 last year. And I think it was underground, and they have one of the best  
10 systems, I mean, real great system. But my question is, reading the  
11 chemical warfare removal sampling plan, why is there cobalt U-12 in that  
12 water and some of these things that sound very radioactive?

13 MR. PHILLIPS: That's your question? I have no idea what you're talking about. So I can't  
14 provide you an answer for that.

15 MS. BRADSHAW: What I'm saying? Is it any chance that it is in that plan as far as the  
16 chemical warfare removal? I want to know why is it cobalt in that water  
17 And it states over and over and over again that it's in that water and this is  
18 not a natural occurrence for cobalt. If this was a natural occurrence, yeah,  
19 cobalt would be there, but it would haven't a number. So Shawn, just like  
20 the mustard gas I found out about, I'm wondering do I have to go find if  
21 there is nuclear material over there

22 MR. PHILLIPS: There is no nuclear material at Dunn Field to my knowledge. I will ask the  
23 Corp to look at this. Look at your safety plan and let me with know if  
24 cobalt is an issue. And if it is, please give me a letter telling me what the  
25 issue is so I can report back to the RAB. But I am not aware of that.

26 MR. HUNT: Let me just say once again, and I just want to wrap up my comments. If  
27 there are not any further questions, the whole purpose of the vapor  
28 containment structure is an engineering control, to provide protection for  
29 the people of the community, our environment and our workers if a release  
30 should occur. We have four filtration systems in place that could handle



1 more than what we could even imagine. Safety is certainly our priority,  
 2 Ms Bradshaw

3 MS. BRADSHAW: I don't believe it.

4 MR. HUNT: So I'm at Dunn Field, and I'm equally as concerned.

5 MS. BRADSHAW: They would get you out first.

6 MR. HUNT: And if there is a release, I would be right there, and I have a family. I'm  
 7 very concerned about my family and everyone who lives in the area  
 8 Safety is certainly the number one priority for our organization. Are there  
 9 any other questions?

10 MS. PETERS. I want to ask a question

11 MR. HUNT: Yes, ma'am

12 MS. PETERS: You wouldn't have all those different things out there if you weren't trying  
 13 to protect the community, right?

14 MR. HUNT: Yes, ma'am.

15 MS. PETERS. So that means if something happens, you intend to control whatever  
 16 vapors right there in that particular area, and you don't plan on it being  
 17 enough to go all over the community?

18 MR. HUNT: When this work was done -- yes, ma'am, when this work was done ---

19 MS. PETERS: So you have a plan that you could control whatever would happen?

20 MR. HUNT. The vapor containment structure is an engineering control as well as the  
 21 filtration system. And keeping in mind this work was literally done at the  
 22 -- done in Spring Valley in people's backyards. There was a vapor  
 23 containment structure and the filtration system in place. So with that --  
 24 you know once again, our commitment is to serve. Our commitment is --  
 25 safety the number one priority.

26 MR. PHILLIPS: Thank you, Clyde. Mr. Tyler?

27 MR. TYLER: Stanley Tyler. You said in your report ---

28 MS. MOORE. Excuse me. Would you use the microphone?

29 MR. TYLER: You said in your report you found concrete, asphalt and fence posts. Can  
 30 you decide from your dealing, was it dumped there, formed, left or what?

1                   Somebody just drove a truck over there and dumped it, or they built a  
2                   fence post, or was it a footing section of a road? How did it get there or  
3                   what was the purpose of it?

4   MR. HUNT.       Mr. Tyler, I cannot answer that question. I am not really sure how it got  
5                   there. It was not there in 1946 or 1960. From what I understand, Dunn  
6                   Field was used to bury lot of things. And during that process, I can  
7                   imagine that concrete probably was buried at some point in time. It might  
8                   have been a fence post that was embedded in concrete that was buried  
9                   there.

10   MR. TYLER       The only reason I bring this up, it gets back to the question I always ask  
11                   Was Dunn Field a dump, a landfill or just somewhere you put something?

12   MR. HUNT.       The practice -- and Shawn might want to cover this -- from the reports I've  
13                   received, the mission of the installation was to bury things.

14   MR. PHILLIPS:   Yes, a dump is an accurate description of that northwest corner. Mr.  
15                   Eskridge, I believe Ms. Brooks was next and then we'll get to your  
16                   question. Ms. Brooks?

17   MS. BROOKS:     My question is -- this line is just a matter of physical aesthetics. Can we  
18                   get that grass cut in Dunn Field? It looks like weeds. I know there was a  
19                   lot of money put into -- well, I assume there was a lot of money put into  
20                   beautifying that area last whatever it was. And now it's decadent, and I  
21                   just would appreciate if I didn't have to look at weeds over there -- on a  
22                   timely and regular and consistent basis.

23   MR. PHILLIPS     Thank you, Ms. Brooks. I will refer that to the responsible person.

24   MR. ESKRIDGE:   I have a question. You mentioned that you were only digging ten feet deep  
25                   down. Is there any reason not to check down deeper?

26   MR. HUNT:       Well, we're going to the point where virgin soil is. And if that's -- if we  
27                   reach virgin soil at three feet, we'll go still as far as ten feet. We do not  
28                   suspect any chemical warfare materiel is buried any deeper than that based  
29                   on our findings.

1 MR. PHILLIPS. Let me follow up on Mr Eskridge's question What if you are at ten feet  
2 and you are still in the material that looks like it's burial stuff, dump stuff,  
3 what will you do then?

4 MR. HUNT: We will certainly go to the point where virgin soil is reached. Actually,  
5 that would probably be a good question for our safety specialist, who is  
6 not with us this evening However, I can do some additional research of  
7 that information and provide you some accurate information

8 MR. PHILLIPS: I can provide you part of that answer that I have seen from their work  
9 plan. The contractors are required to have a certified geologist on site, and  
10 that geologist is a professional geologist, PG He or she will certify that  
11 they've reached virgin soil. I know that has to be done That's part of  
12 their work plan.

13 MR. ESKRIDGE If you do find contaminants and bombs, or whatever material there, would  
14 you keep digging as deep as you need to remove everything?

15 MR. HUNT: Of course, that is what's necessary for the chemical warfare removal. So  
16 certainly we would do that on each of the sites

17 MR. ESKRIDGE: Even if it's 22 feet deep?

18 MR. HUNT: We will detect it, and if there is any indication of any CWM we will  
19 certainly continue

20 MR. CLAY Mr Tyler, do you have a question?

21 MR. TYLER: Yes At one point you said, CWM. If non-CWM contaminants show up,  
22 what are you going to do about those?

23 MR. HUNT: Non CWM contaminants, meaning HTW -- hazardous toxic waste?

24 MR. TYLER: Well I would consider carcinogens are hazardous to people's health

25 MR. HUNT: Well, all the soil that we have removed thus far with respect to chemical  
26 warfare materiel has come back negative. And what we're doing at this  
27 point is testing it for HTW, hazardous toxic waste. If that comes back  
28 negative then, of course, that will go back into the hole that we have  
29 already dug. However, if there is some indication that it contains certain  
30 type of contaminants, I'm certain that it would be removed and taken to

1 the area that it should go. There is an area that accepts soil that has been  
2 contaminated. It certainly would not be placed back into the hole.

3 MR. CLAY: Kevin Clay. I have a question for Mr. Hunt. It appears -- well first, what  
4 percentage of the structure has been excavated so far in the vapor  
5 containment structure?

6 MR. HUNT: Maybe ten percent. You know, that's really a question for our safety  
7 specialist.

8 MR. CLAY: What are we talking about, the safety specialist? What's the name of the  
9 safety specialist?

10 MR. HUNT: Wilson Walters.

11 MR. CLAY: Oh, yes

12 MR. HUNT: You're familiar with Wilson?

13 MR. CLAY: Yes

14 MR. HUNT: But, of course, he's not with us this evening, but Ken Shott -- is working in  
15 his place. Wilson I believe has been out here for 60 days. So if there is a  
16 time in a meeting, we can bring another person in.

17 MR. CLAY: My follow-up question to that is would it be possible if we dig up say, a  
18 hundred percent of the area we have in the containment structure and we  
19 don't find what we're looking for, could we possibly be in the wrong  
20 location?

21 MR. HUNT: Finding the K-941s in various locations that have been buried, at least it  
22 gives us some sense that we are in the right location in terms of burial of  
23 any chemical warfare materiel.

24 MR. CLAY: But if we don't -- if we don't find the testing cases possibly we'll say 20  
25 feet more or ---

26 MR. HUNT: There might be some movement of the vapor containment structure to  
27 ensure that we have done everything possible to find the contaminants that  
28 might be based on our report.

29 MR. CLAY: Thank you.

30 MR. PHILLIPS: Ms. Brooks, and then we need to move on to the next order of business

1 MS. BROOKS I've noticed what appears to be a little pond of water in Dunn Field Have  
2 you done -- you know what I'm talking about?

3 MR. HUNT Yes

4 MS. BROOKS: Do you mind telling me what that is?

5 MR. HUNT To be honest with you, I really don't know what that is. It might be some  
6 surface elements.

7 MR. PHILLIPS: Near the trailer across from you?

8 MS BROOKS: That's it. You can see it. It looks like a pond, and you can see the water  
9 glistening in the evening. I was just wondering, you know, where is this  
10 water coming from or is it of consequence. You know, I'm just curious.

11 MR PHILLIPS: No, it's not a consequence. I had the same question after those fluospar  
12 mounds were removed. We sampled that surface soil in that southeast  
13 corner across from your house. That pond shows up every time after a  
14 rainstorm There must be a deeper level of clay right there that's not  
15 letting that water drain off, or drain through But what that is -- is that's  
16 just rainwater puddling pond, and it stays there for a couple of days after it  
17 rains several days We sampled that because we had a concern about it  
18 Thank you. That's a good observation.

19

## 20 BRAC CLEANUP TEAM UPDATE

21

22 MR. PHILLIPS: The next item on the agenda tonight is the BRAC Cleanup Team update.  
23 Well, actually we are at the allotted time for the meeting. We have one  
24 more agenda item here, and then we have the public comment period Do  
25 we have a motion to extend the meeting?

26 MR. CLAY: I move that we extend the meeting to facilitate the completion of the  
27 public comment period, 15 minutes. I don't know, 15 minutes for the  
28 public comment period.

29 MR. TYLER: Second.

30 MR. CLAY. Those in favor?

1 THE BOARD. Aye

2 MR. CLAY. Any opposed? (Brief pause )

3 MR. PHILLIPS. Mr. Brayon has a question.

4 MR. BRAYON I would suggest on the next agenda that the time imposed that you have

5 listed should be eliminated or adhered to, one or the other.

6 MR. PHILLIPS. I agree with you, Mr. Brayon. The hour and a half was an issue that came

7 from the RAB. I believe that's a charter issue. So the subcommittee will

8 have to look at that. We have typically an hour and a half, especially

9 since we're getting into the meat and bones of the cleanup program here.

10 We never did get a vote on that to extend.

11 MR. TYLER I would like a point of information on this time. Are there a number of

12 minutes that we can extend the meeting past an hour and a half by a vote?

13 MR. PHILLIPS. That is a RAB decision

14 MR. TYLER. That's all I need to know

15 MR. CLAY Back to the motion on the floor to extend this meeting to include a 15-

16 minute public comment period extension after that. The move was

17 seconded. All in favor?

18 THE BOARD. Aye

19 MR. CLAY Any opposed? (Brief pause )

20 MR. CLAY Motion carried.

21 MR. PHILLIPS. Okay, let me cover the BRAC Cleanup Team -- what we've covered today

22 real briefly. We've actually already talked about one of the issues, which

23 was the majority of our meeting. That was the Feasibility Study on the

24 Main Installation. We talked about when that will be coming out and

25 when the public comment period would be happening to ensure that we

26 were still on schedule. The reference is back to the Main Installation

27 Remedial Investigation. The second item we've talked about was the

28 transfer issue. We had the Depot Redevelopment Corporation attend some

29 of our meetings where we talked about the zoning of the property being

30 predominantly light industrial and storage I believe. Also, the recreation

1 zoning down here at the golf course, and a little bit of housing behind me  
2 at the base housing area  
3

4 We talked about the Dunn Field groundwater investigation at today's  
5 meeting and in particular, the spot that we found on the west side of Dunn  
6 Field We're going to try to get out there to try to nail down more about  
7 that hot spot that we found. Our time frame for that is the end of June,  
8 July time frame Some of that property is not ours. So we have to talk  
9 about asking who does own it, plus we have to get a work plan together  
10 for that We also discussed since the Proposed Plan is coming up this  
11 summer for the Main Installation the need for our BRAC Cleanup Team  
12 meeting to be longer than they are. It seems like, believe it or not, the  
13 BRAC Cleanup Team meetings are like this meeting. We also always find  
14 ourselves up against the clock, and we still have a lot more to talk about  
15 So just a heads up for RAB members, who might choose to attend the  
16 BRAC Cleanup Team meeting or volunteer to come, BRAC Cleanup  
17 Team meetings are probably going to possibly extend to two meeting --  
18 two-day meetings We feel it's just a matter that it's going to have to be  
19 that way just to cover everything we need to cover. So that's what we  
20 talked about today in our BRAC Cleanup Team meeting  
21

22 **RAB COMMENT PERIOD**  
23

24 **MR. PHILLIPS:** And now with that, let's open up the RAB Comment Period. Ms  
25 Bradshaw?

26 **MS. BRADSHAW:** I just want to ask if anything was tested in that water other than TCE  
27 (trichloroethylene). I know you spoke about this at the last BRAC  
28 meeting -- at the last RAB meeting. Was there any -- did you test --  
29 maybe I need to word this correctly. Did you test for anything other than

1 TCE? If you did, what did you test for, and why didn't you test for  
2 everything that was on that list that was found in the groundwater?

3 MR. PHILLIPS We did test for everything

4 MS. BRADSHAW Could we see that data?

5 MR. PHILLIPS Actually, a lot of that data -- we have three monitoring wells already over  
6 on Rozelle, one down at the end of Rozelle, two halfway up it. A lot of  
7 that groundwater data is in a 1997 report called the *Groundwater*  
8 *Characterization Report*. Those wells have repeatedly been sampled. The  
9 well that we found this hot spot in is a new well and it's right up against  
10 our property line. It's 30 or 50 feet outside our fence line.

11 MS. BRADSHAW. Outside the fence line?

12 MR. PHILLIPS. Outside the fence line and we did test

13 MS. BRADSHAW. Don't you remember ---

14 MR. PHILLIPS And I will report back to you what that report scan was last month.

15 MS. BRADSHAW Do you remember years -- well, you wasn't here. Years ago Chris  
16 Kartman told us that the plume would only migrate one inch a year, and  
17 since it's been 50 years, it would be 50 inches. And I was wondering why  
18 -- this is what Chris Kartman told the community, and you can go back on  
19 the record and read what she said because that's when they started. They  
20 were giving us raw data. They was giving us data, telling us what the  
21 threshold limits were for EPA, and also how high those limits of the  
22 chemicals. So I want to see some data. Shawn, everything that you-all  
23 have brought to us -- just like y'all talking to us. Bring us the data. You  
24 give us slide shows, and I think the last time one of the RAB members  
25 suggested if you're going to do a slide presentation, let us also have the  
26 papers in front of us, and so maybe the next time you will get there.

27 MR. PHILLIPS. That observation about not having real environmental restoration projects  
28 presented that include a lot of real raw data, that observation has been  
29 made several times this year, calendar year. Next month when we start  
30 presenting the Main Installation Remedial Investigation data. It will be



1 with the exception of the chemical warfare update, which will have to be  
2 briefer than it was tonight, and the paint shop update. That's going to be a  
3 highly technical presentation. I think you're going to see that in the next  
4 couple of months

5 MS. BRADSHAW: So you will know what you're going to present to us in about halfway of  
6 the month. So why can't you give us -- you know, send copies to our  
7 house so that we can read the information before we get here so we can be  
8 up to speed on what you're talking about? We can have our questions  
9 written out, and this would take -- and we won't have to sit here and read  
10 through reports and mark things when we could have read them before we  
11 got here

12 MR. PHILLIPS: I understand that. Ms. Bradshaw, the presentation next month will be on  
13 the Main Installation Remedial Investigation, and you've had that report I  
14 think since March

15 MS. BRADSHAW: I got that

16 MR. PHILLIPS: That's what we're going to be presenting next month. The contractor has  
17 prepared a slide presentation. I assume this is something that we can  
18 distribute if we can get it out prior to the meeting, the RAB meeting.  
19 Earlier that week we'll mail it out to you. A lot of times we get things  
20 finalized the day or two before the meeting. We'll do what we can. I  
21 appreciate your comment. Mr. Clay?

22 MR. CLAY: We are in our five minutes RAB Comment Period. I just have a couple of  
23 brief suggestions that I'm going to throw out here. The first thing is we  
24 each individually have several questions we would like to ask. An hour  
25 and a half is allotted for the RAB meeting. It's not going to cut it to give  
26 us ample time to ask questions and for answers that we need. I'm going to  
27 suggest, and I'm also going to try to approach it in writing ahead of time,  
28 and hopefully I can get a response back in writing that I can use. I think  
29 that would help us facilitate spending time on it. The next thing, are there  
30 any more public comments? Mr. Tyler?

1 MR TYLER Keeping with your new theme, I was sitting here and I thought about what  
 2 you said in writing. I have something in writing that I'm going to read,  
 3 and I want it put in the record It's been properly checked by a dedicated  
 4 professional I'm not going to call any names. I did have some errors and  
 5 some initials "To Mr. Shawn Phillips: I, Stanley W. Tyler, hereby do  
 6 request that a full Information Repository be put on the Depot web page  
 7 by June 1st, 2000 Respectfully yours, Stanley Tyler Postscript. Please  
 8 respond to me in writing as to why or why not this could not be done  
 9 Thank you."

10 MR. PHILLIPS: Thank you, Mr. Tyler

11 MR. CLAY We then will open up the floor I have one thing I would like to do We  
 12 have a young lady sitting in for to Ms. Willett. I would like for her to  
 13 identify herself so the members would know.

14 MS ROGERS Good evening. My name is Deborah Rogers

15 MR CLAY Thank you I just wanted her to get it on the record

17 **PUBLIC COMMENT PERIOD**

19 MR. CLAY. We are now open for the record Public Comment Period (Brief pause )

20 MR PHILLIPS With no public comment ---

21 MS MOORE. Wait just a minute.

22 MR PHILLIPS: Okay, Alma Moore

23 MS. MOORE: I just need a favor because we've slacked off a little bit. When you-all get  
 24 ready to leave, if you would push your chairs up under the table and take  
 25 your trash to the trash receptacles. I do have to go to Atlanta in the  
 26 morning for the graduation. So I need to straighten up tonight and not in  
 27 the morning So could I have a little bit of help out there? Thank you  
 28 very much

29 MR. PHILLIPS: Mr. Tyler, before we -- there is no motion yet to adjourn the meeting Mr.  
 30 Tyler?

1 MR TYLER Well, since we don't have a public comment period, I would just like to  
 2 say that I would like to thank the people for going out in the community  
 3 and passing out that informational sheet about what possibly could  
 4 happen. Also I would like to thank Alma and everyone concerned for the  
 5 mail outs that was about the chemical warfare materiel It's important that  
 6 we do everything and anything to get the community the information in a  
 7 timely manner. Thank you.

8 MS MOORE. We have two new people. This will just take one more second Karen  
 9 Adderley is from my Frontline office in Canada. This is her second time  
 10 to Memphis. She was here two years ago Cookie has taken another job  
 11 with the state, and I have a new part-time assistant who is one of my  
 12 daughter's friends, Tondalaya Washington. She's the one who called  
 13 yesterday Welcome them, please. Thank you

14 MR. PHILLIPS Thank you May I have a motion to adjourn?

15 MR TRUITT So moved

16 MR TYLER Second

17 MR PHILLIPS Those in favor?

18 THE BOARD Aye

19 MR PHILLIPS Those opposed? (Brief pause )

20 MR. PHILLIPS Thank you and I will see you next time

**(Whereupon, at approximately 8:13 p.m. the meeting was adjourned).**

**NEXT MEETING: THURSDAY, JUNE 15, 2000  
 6:00 P.M.**

**NORRIS ELEMENTARY SCHOOL  
 1490 Norris Road  
 Memphis, Tennessee 38106**

21

**Attendance List**  
**Restoration Advisory Board Members**

Mr Shawn Phillips	Facility Co-Chair
Mr. Kevin Clay	Citizen Representative
Ms. Elizabeth Young	Citizen Representative
Mr Turpin Ballard	Environmental Protection Agency
Mr. Dave Bond	Citizen Representative
Mr Jim Morrison	Tennessee Department of Environment and Conservation (TDEC)
Mr Reginald Eskridge	Citizen Representative
Mr. James Webb	Civic Representative/Memphis Light, Gas and Water Division
Mr Ulysses Truitt	Citizen Representative
Mr Carter Gray	Memphis/Shelby County Health Department
Ms Johnnie Mae Peters	Citizen Representative
Mr Eugene Brayon	Citizen Representative
Mr Stanley Tyler	Citizen Representative
Mr. Jim Covington	Depot Redevelopment Corporation (DRC)
Ms. Doris Bradshaw	Environmental Representative (DDMT-CCC)
Mr. John Garrison	Citizen Representative

**Others in Attendance**

Mr Clyde Hunt	Corp of Engineers - Memphis
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*Restoration Advisory Board*

*May 18, 2000*

Mr Virgil Jansen	Sverdrup Environmental, Inc
Mr Kurt Braun	Corp of Engineers – Mobile
Ms. Dorothy Richards	Corps of Engineers – Huntsville
Mr. Steve Dunn	Corps of Engineers - Huntsville
Mr. Michael Dobbs	Defense Distribution Center (DDC)
Ms. Terri Gray	Citizen
Ms. Deborah Rogers	Citizen
Mr. Benjamin Moore	Agency for Toxic Substances and Disease Registry (ATSDR)
Mr. Stephen Offner	CH2M Hill
Mr. Brian Deeken	(TDEC)
Ms Tiki Whitfield	Environmental Protection Agency (EPA)
Ms Nicole Slaughter	EPA
Mr Russell Ray Anderson	Citizen
Mr John DeBack	Memphis Depot Caretaker Division
Ms Denise Cooper	Memphis Depot Caretaker Division
Mr Elroy L Black	Citizen
Ms Alma Black Moore	Frontline Communications, Inc
Ms Tondalaya Washington	Frontline Communications, Inc
Ms Keren Adderley	Frontline Communications, Inc.

**FINAL PAGE**

**ADMINISTRATIVE RECORD**

**FINAL PAGE**