ST. LOUIS SITE REMEDIATION TASK FORCE TRANSCRIPT OF PROCEEDINGS WEDNESDAY EVENING, SEPTEMBER 18, 1996 BE IT REMEMBERED that on the 18th day of September, 1996, a public hearing was conducted by Ms. Sally Price, Chair of the St. Louis Site Remediation Task Force at the Henry VIII Motel and Conference Center, 4690 Lindbergh Boulevard, St. Louis, Missouri 63144, and the following proceedings were had: HALE REPORTING, INC. No. 4 Godfrey St. Louis, Missouri 63135 (314) 524-2055

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WEDNESDAY EVENING, SEPTEMBER 18, 1996 1 2 (In Conference Room:) OPENING REMARKS 3 THE CHAIR: Good evening. My name is Sally 4 5 Price and I'm chair of the St. Louis Site Remediation Task Force. Seated with me is Anna Ginsburg, she is 6 the vice chair, and we welcome you here this-7 8 evening. Seated to my right, in front of me, are 9 10 Task Force members and I would like each of them to stand and introduce themselves at this time. 11 INTRODUCTION OF TASK FORCE MEMBERS 12 My name is Conn Roden. 13 MR. RODEN: I'm the enrironmental protection director for St. Louis 14 15 County and presently I am serving on the committee as a representative for Joe Cavato, who was formerly the 16 public policy director for St. Louis County. 17 18 MR. FRUENHOFFER: I am Jack Frauenhoffer. I work for Mallinckrodt at the downtown St. Louis 19 plant site and I represent the city commission. 20 Tom Binz with Laclede Gas 21 MR. BINZ: 22 Company. The gas company is an involved stakeholder 23 as we have gas pipe and main in the areas where radioactive materials are distributed. 24

MS. DREY: My name is Kay Drey and I am

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with the Missouri Coalition for the Environment and
    I'm on the St. Louis County Commission and I have
 2
    been working on this issue for 18 years.
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              MR. GRANT: My name is Jim Grant and I'm
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    with Mallinckrodt.
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              MS. COOPER: My name is Barbara Cooper.
    I'm representing our project person, Tom Horgan, who
 7
    has been a member of the Task Force and I'm with
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    Congressman Jim Talent's office.
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              MS. STEWARD: My name is Elsa Steward.
                                                        I'm
11
    deputy director of the division of Environmental
12
    Quality for the Missouri Department of Natural
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    Resources.
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              MS. BUNTON: My name is Molly Bunton and
15
    I'm special assistant to County Executive Buzz
    Westfall.
16
              MS. COOK:
                        My name is Virginia Cook.
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    here tonight representating Congressman William
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    Clay.
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              MR. JEARLS: My name is Lou Jearls.
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    director of public works and I represent the city of
22
    Florissant.
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              MR. WALL:
                          My name is Dan Wall. I work
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    for EPA, Region 7 out of Kansas City.
25
              MR. LARSON: And I'm Donovan Larson. I
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work for St. Louis County Water Company and our involvement has to do with our water mains and the rights of way as well.

THE CHAIR: There are other members of our Task Force who are not here this evening and if you wish to see the full membership it is listed on one of the panels at the back of the room.

Also, we had an ex officio member of the group from the Department of Energy named David Adler, who is not with us this evening. However, we do have a representative from the Department of Energy here, his name is Mr. James Werner. He's the environmental policy director to Thomas Grumbly, DOE headquarters in Washington, D.C. Mr. Warner, would you like to stand. Thank you.

I will quickly overview the meeting format and some of the groundrules. First, I will give a summary of the history of the site, how the Task Force came to be and what its process was. That will be followed by a summary of our conclusions, then we will attempt to answer your questions regarding the process of the Task Force, its formation, and our product. After that we'll take a 15 minute break and reconvene to take your public comment.

OVERVIEW OF THE ST. LOUIS FUSRAP SITE "

THE CHAIR: For a background of the site, for those of you new to this Assue, we will begin with a brief overview. Radioactive contamination at the St. Louis site is the result of uranium processing performed at the downtown Mallinckrodt Chemical Company during World War II and the development of the atomic bomb. Also, subsequent nuclear weapons production during the Cold War occurred there.

And the residues and wastes from this processing were transported to the St. Louis airport area for storage. That is an area we are calling SLAPS in your report and DOE terms it that as well. Over the years wind and rain carried contamination from this site to adjacent properties known as the Berkeley ballfields and Coldwater Creek.

In the 1960s these wastes were purchased by a commerical reprocessing concern which transported them to a location on Latty Avenue that is now known as the Hazelwood Interim Storage Site. The acronym is HISS. During transit soils fell off of dump trucks contaminating ditches along the way and adjacent residential and commercial properties. And finally, some of the remaining residues were transported by yet another commercial concern to the

West Lake Landfill in Bridgeton.

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TASK FORCE ORGANIZATION AND PROGRESS

As far as the Task/Force background, over the years not much progress occurred over this problem but public concern continued to grow. Local opposition to the proposed plan of the Department of Energy in 1994 was significant. Also, before that, two referendums were passed in 1990, one in the city and one in the county, opposing a permanent storage bunker for the radioactive wastes in the St. Louis area.

In 1992, two commissions were formed to provide oversight to DOE activities -- the Hazardous Radioactive Waste Commission for the county and the Mayor's Advisory Committee for Radioactive Waste in the city. These groups would form the core of what would become the St. Louis Site Remediation Task Force.

These two factors, the public opposition in the form of the referendum and also to the proposed plan in 1994, decided -- excuse me, Undersecretary Thomas Grumbly he had decided that he would involve stakeholders in the decisionmaking process and he came here for a summit meeting in August of 1994.

It occurred in this hotel and it was the

result of that meeting where he asked us to organize as a group, study site issues, help direct the interim cleanup funds for fiscal years 1995 through 1997, reach consensus on an overall remedy and report the findings back to him and to DOE.

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So that brings us to tonight. We now have a draft report. It has been unanimously approved by members of the Task Force. And although our meetings have been public, and we have heard comments through the time that we met, we wanted to afford the public a more formal opportunity to question and comment on our report and include that as commentary in our report.

We have, as you've already seen from the introductions, a broad representation in the membership. We have, as I've said, the city and county commission members, personal property owners and commercial property owners; utility companies are represented; state and federal regulators in the form of the Missouri Department of Natural Resources and the EPA; congressional staff delegations from Congressman Clay's office and Congressman Talent's; civic groups such as the Grace Hill Neighborhood Association; and the environmental groups of the Coalition for the Environment. And as I've said in

the introductions we had David Adler as a site manager who served as ex officio.

We've held monthly meetings beginning the month following the summit meeting. We've had much diligence in the attendance of these meetings and I've always been grateful for that.

Our first action was to develop a mission statement which states up there are to identify and evaluate remedial action alternatives for the cleanup of radioactive waste at the St. Louis site and to petition the DOE to pursue a cleanup strategy that is environmentally acceptable and responsive to public health and safety concerns.

In order to do this we realized that very early on some of these issues were hard to tackle in a large group so we formed working groups which are listed, and there several here. The primary ones that I can speak to are the Alternative Sites. We looked at the local sites, we looked at other Missouri sites and we looked at out-of-state sites.

We also had a pretty active Priorities

Working Group which tried to direct the interim

cleanup fund for the years '95 through '97 and we had

a Technology Working Group which studied potential

technologies that might be suitable to be used on our

problem.

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In development of the final report we decided to break the entire site into eleven component sites and this is rather complicated. Primarily there were -- those being the Downtown Site, the SLAPS site, the HISS site and the Vicinity Property sites.

But as we looked at this and tried to evaluate the cleanup strategy for each of those four, it became more and more complicated because some sites were privately owned and some were government —— city owned properties. So we really had to hreak them down further.

And they are listed. SLAPS and the ballfields is part of St. Louis City; Latty Avenue and the North County haul routes are mainly the roadways in that area along with some Latty Avenue properties; the HISS site is in conjunction with what's called FUTURA, that's a company adjacent to the HISS site; Coldwater Creek posed its own set of problems; West Lake Landfill was yet another concern.

And the downtown properties were separated into three. You see Mallinckrodt, meaning the plant; the Vicinity Properties, being private property areas adjacent to the plant, and the Riverfront Trail is a

section of land between the plant and the levee right along side of the Mississippi River.

MS. DREY: Do you want to say what SLDS stands for?

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THE CHAIR: SLDS stands for the St. Louis downtown site.

We agreed to a cleanup approach for each of these component areas, drafted a final report in a group effort and reached consensus. The next steps are to obtain your public comment, to incorporate that as a whole into the addendum of the report and to sign and transmit the document to the Department of Energy.

RECOMMENDATIONS

THE CHAIR: I've separated recommendations into Interim and Overall. The Interim recommendations begin with the 1995 funds that went to six residential properties. They were highest on our priority list of actions to take and all of those were remediated.

In fiscal year '96, funds were used to clean up twelve North County commercial Vicinity Properties (or VPs); the SLDS Plant 10 area of Mallinckrodt was also cleaned up.

And now as we transition from 1996 funds to

'97 funds, we will continue with Interim actions that are currently underway. And these are three primarily -- the Riverfront Trail, a Vicinity Property down at St. Louis downtown site, the removal of several buildings at the Mallinckrodt plant and to continue with SLAPS work which is restorative and maintenance in its nature.

Our Overall recommendations, what's listed on the overhead, is all of the areas we have consensus on asking for a complete excavation and removal. This would allow for an unrestricted use of this land and that was the consensus of the Task Force.

The next three properties listed on the next overhead are West Lake Landfill in Bridgeton,
Mallinckrodt Chemical Plant and the Riverfront
Trail. We have outlined a recommendation to clean those up to a restricted use, that is, for recreational or commercial use. This is basically not taking all of the contamination off-site, leaving some there. But with the amount of exposure that is there in those areas due to the limited time that is spent, there is a reduced risk and you can obtain a little higher level of activity in those areas.

We also recommend that DOE further evaluate

emerging technologies and apply them whatever and wherever feasible to reduce soil volumes as well as allow for safer transport. And in addition, all wastes are to be containerized and transported to out-of-state licensed disposal facilities.

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It was a consensus objective that SLAPS be our highest priority with work to begin in the fiscal year '97 time frame if possible.

And finally, we recommend that the Department of Energy increase its presence on-site through the establishment of a fully-established field office.

OUESTION-AND-ANSWER SESSION

THE CHAIR: And now we will try to answer your questions, any that you may have. Yes?

MR. PION: Has any been restricted to the low level waste then if no remedial action was taken?

THE CHAIR: Did everyone hear the question in the audience? We have no exact figures that we studied but generally these risks are calculated one per thousand or one per ten thousand or one hundred thousand. And as I understand it, it is the ten to the minus three to four range that we are at with our risk; is that correct? David Miller from SAIC has

been one of the experts we've called upon numerous times to help provide us with that type of information. Can you help, David?

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MR. MILLER: The current risks at the sites of been modelled and measured also. And currently the way the land use is being done, i.e., the Mallinckrodt site being an industrial site and the St. Louis airport site being completely fenced in and restricted -- there's no access to that -- and the HISS site also being completely fenced in and controlled, having no access, means that the exposure rates to any potential existing people right now are very, very low and, in fact, they are within the acceptable risk range. And I don't want to speak for all other agencies but no other agency has come out, whether it be county or state or federal, to say there are currently imminent health threats from the site.

The reason that the sites are being addressed is because the long-term estimates if the properties went uncontrolled would say that there's a potential for future residents on these types of sites to be exposed. That would be if the fences fell down and people forgot this contamination was there and perhaps developed them for some sort of

residential use.

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so the short answer is currently the site is considered safe but the long-term risk is what we're addressing as part of these considerations.

THE CHAIR: Thank you.

MS. DREY: I would just like to say, Mr. Miller, that I don't agree with everything you said. I do think that the contaminates that are at our sites are contaminating the air and groundwater and surface water and potentially then people. You know, today even though they're fenced. So we do have radioactive dust, radon gas and contaminants going into waterways.

And when they talk about risk, when they use these numbers -- one in ten thousand or whatever -- they're talking about cancer. But there are other risks we have to be concerned about when it comes to exposure to radiation such as impact on the immune system, reproductive system, mutagens and so forth. Thank you.

THE CHAIR: Are there any other questions?

Okay. We will break and resume in fifteen minutes.

Thank you.

ACCEPTANCE OF PUBLIC COMMENT

THE FACILITATOR: My name is Jim Dwyer.

For those of you who do not know me I have been serving for the past couple of years as the mediator and facilitator for the St. Louis Site Task Force and my job tonight is to facilitate our way through the public comment section of the meeting.

And I would like to propose a couple of ground rules or an approach to organizing it so that it's efficient and effective. There are 16 people who have signed up to speak. First of all, I would like to ask whether there is anyone who has not signed up but who has had second thoughts and would like to be added to the list? Apparently not. So there are 16 of you.

We had anticipated an hour of the schedule tonight being allocated for this purpose. We now have an hour and five minutes, that results in approximately three or three and a half minutes apiece. If that is absolutely inadequate for any of you, I would appreciate your saying that at the outset, but we would like to give everybody a fair share of the available time and stick with our appointed adjournment time so that people get to where they need to be.

There is one speaker who has an airplane to

catch, we are taking people in the order in which they signed up, he happens to be close to the top of the list so I think we'll be able to accommodate his needs and stick with the game plan.

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Finally, we had originally thought for purposes of adhering to our production schedule, getting the public comment section incorporated into the final report in a timely manner, that we would have to close off public comment as of tonight.

We have since determined that we have the luxury of another couple of days so for any of you who may discover issues or concerns as you go through the report in greater detail tomorrow or the next day or for those of you who know of people who were unable to be here tonight but who might like to be included in the public comment section of the report, you will be happy to know that we are willing to accept public comment through the close of business Friday. You can see Sarah Synder, the lady in the yellow blazer, at the back of the room to get the appropriate telephone and fax numbers and e-mail address -- there are numerous ways you can communicate with us -- but please pass the word, if you think it's appropriate, and let people know that we have another 48 hours in which people can comment.

Finally, the procedure is that Sarah will bring a portable microphone to each speaker in turn so if you would simply stand up when your name is called -- Tom is going to help as well or are you the primary microphone carrier? All right, good. So if Joan Kelly Horn would stand.

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MS. HORN: When you mentioned that someone had a plane to catch, I thought you were referring to me because I am also catching a plane in a little bit.

thank all of you here that have shown interest in this, this is an issue that this community has been dealing with for decades. When I was in the Congress in 1991 and '92, I cannot tell you how much time my staff and I spent with the Department of Energy, with the residents in the affected areas with the local elected officials in the affected areas and I always, always supported full funding for the Department of Energy to clean up the sites. Without full funding for the program to clean up these sites, it is pure rhetoric to say I support cleaning up.

So I think we all need to ask Mr. Talent, who has voted to eliminate the Department of Energy, to eliminate the civilian programs that the

Department of Energy -- these are all separate votes and we have all this documented -- we cannot get it cleaned up if we don't have full funding. I would continue to support full funding for this cleanup.

The people in this community have waited long enough. This has been, as we all know, waste from 50 years ago and who knows what kind of damage it's been doing, so I am just again sort of chagrined to see that things haven't moved forward faster than they have because it seems like not a lot has happened since five or six years ago.

on the other hand, the Task Force has worked very hard and come up with a very fine report, which I have obviously have not had time to study very carefully, but hopefully now this will be the beginning of the end of the process and the first step to getting the record of decision and to moving on and getting this cleaned up and relieving this community of this burden that we've had so many years. But do keep in mind -- we don't do it if we don't have any money, if we don't have a Department of Energy.

So as I used to do, and as we do, I certainly will yield back my other two minutes so that some of the other speakers who have more

technical comments or substantive comments on the report can have more time. Thank you very much.

THE FACILITATOR: /Thank you. The next speaker is Kon Midkiff who represents the Missouri Sierra Club. Mr. Midkiff.

MR. MIDKIFF: My name is Ken Midkiff. I am the director of the Sierra Club in Missouri. We have approximately ten thousand members with six thousand of those members being in the St. Louis metropolitan area.

We were not on the Task Force but we did sit in on and follow the procedures closely and occasionally even commented out of turn. We discovered this was a very long, laborious and occasionally contentious process, however, we do feel that the Task Force arrived at conclusions that are commendable and applaudable and that we fully support.

It only makes sense to clean up to the highest standard those areas that are most likely to expose the public to health risk. The three sites that were deemed to present less risk are selected for a lesser cleanup.

It would seem to be imperative that the airport site be cleaned up to the highest standards.

It is in a flood plain and in an area likely to contaminate surface and groundwater. This property was also previously owned by the Atomic Energy Commission and was deeded over in a Quitclaim to the airport. If it were still ADC property it would be absolutely necessary that the federal government clean it up. Just because it's changed hands does not make that any less necessary.

We would ask that the division of energy proceed in the most expeditious manner to implement the recommendations of the Task Force. Similar to what was done at Weldon Spring.

Finally, I do wish to point out that there are no good solutions to dealing with radioactive waste. We as a society can only choose among a list of pretty bad alternatives and we must choose the one then that is least objectionable.

We do not believe that transport of radioactive waste to Utah is a good idea but it appears to be the only alternatives that meets the criteria. At least the waste will be stored in a place where it's properly supervised and where the public will not be exposed. To leave the waste in areas where the public is likely to be exposed is completely unacceptable.

It is also a travesty that as a society we continue to produce radioactive waste. There are no solutions, there are only problems. We are leaving a terrible legacy for future generations. The only real solution is to stop producing the stuff and deal with what we have. Thank you.

THE FACILITATOR: Thank you, Mr. Midkiff.

The next speaker is Jerry Klamon.

MR. KLAMON: I work with several environmental organizations. I have been organizing the Earth Day Festival in St. Louis for the last five or six years. I would like to congratulate the group, the St. Louis Remediation Task Force, on developing consensus on the report. I think that's nothing short of miraculous.

And I think what's really important now is that the Department of Energy really accepts that this community wants this problem taken care of. The weapons that were created -- really the problem is a by-product of those weapons -- were done for this country as a whole. And I think it's extremely important that the government shows by example that it's very important to clean up the messes that you make.

It's very difficult for us to tell industry

that they shouldn't do what we call environmental borrowing by leaving pollutants around and I think this is a case where they didn't know very much when the weapons were manufactured, there were a lot of mistakes that were made, and that the problem of cleaning it up is something that needs to be shared across the country on the tax base and should be done right. It's just critical that it be done right.

And as part of that process I think it's important that the Department of Energy establish a staffed field office to expedite the St. Louis cleanup, that's the way we can really make sure that it's done properly. There are people here that can take care of it, that can monitor the process and I think nothing else will really be acceptable to this community. Thank you.

THE FACILITATOR: Thank you. Laura

Newman.

MS. NEWMAN: I basically wanted to express my thanks to the Citizens Stakeholders Committee and heartily request that the Department of Energy respect this well thought out, consensus-based report. I have heartfelt respect for the integrity and intelligence of several of the people who served on this Task Force, unfortunately I don't know all of

them but the ones I do know I have a lot respect for, and I really trust that a recommendation that received their consensus approval represents the best case for remediation.

I urge the Department of Energy to act on this plan absolutely as soon as possible and to consider that the densely populated area of metropolitan St. Louis deserves to have immediate cleanup. Thank you.

THE FACILITATOR: Thank you. The next speaker is Virginia Cook who is representing Congressman William Clay.

MS. COOK: I'll be very brief. I just want to bring it to the attention of the body here that there was a letter, and it will be in the final report from Congressman Gephardt and Congressman Clay to the Department of Energy. This letter was dated August 29, 1996. It was directed do Mr. Grumbly, the director of the Department of Energy.

I'll just be very brief and read part of a paragraph from the letter where the congressmen tell him, "We believe it would be of significant benefit if you were to meet with the Task Force to accept its final report. Such a meeting could greatly enhance DOE's future relations with the St. Louis community

and vastly improve prospects for implementing a successful remediation program." Thank you.

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THE FACILITATOR: Thank you, Virginia. The next speaker is James Baker representing County Executive Buzz Westfall.

MR. BAKER: Thank you. Good evening. I am here on behalf of Mr. Westfall to both congratulate the Task Force and to present a brief statement of his behalf.

"It is a pleasure for me to take this opportunity to address our public officials and our entire citizenry on a topic of great importance to St. Louis County and its surrounding areas. In 1990 at my inaugural address I spoke to you about the challenges and opportunities I would face as your county executive.

Quoting from that address: While
environment concerns must be balanced with other
factors the bottom line is that nothing is more
critical to the quality of our lives than the air we
breathe, the water we drink and the ground we walk
on. As county executive I will do everything in my
power to prevent the nuclear waste bunker near
Lambert Field. The people of the region have spoken
loud and clear on this facility. They don't want it

in St. Louis County and the federal and state governments ought to listen to what the people have said. I will do my best to see that the people are heard and their wishes respected, ending the guote.

In November of 1990, the people made their voices clearly heard by exercising their franchise to oppose plans to build a nuclear bunker near Lambert Field. To this end I formed the St. Louis County Hazardous Waste Commission. Members of that body were then asked to participate as members of the St. Louis Site Remediation Task Force. The achievement of the Task Force has truly been a watershed event in creating what I referred in my 1992 State of the County Address as a new spirit of cooperation.

The Hazardous Waste Commission members,

Task Force members and citizens at large have spoken with one voice that our area should be free from environmental and health risk posed by the presence of radioactive contamination in their midst.

The new spirit of cooperation has proven to be a testament to the vitality, intellectual talent and civic responsibility of a citizenry that travels the path of excellence in choosing to enter into an honest discourse with its government for the welfare of everyone concerned.

I am proud to be part of an effort that has been energized by this spirit and I will work to achieve full remediation of the affected properties in our region. Because of your new spirit of cooperation I now share with you a new sense of hope that economic development will thrive on land that was once abandoned and that children will again play on green fields and on the banks of the Coldwater Creek.

I urge all citizens of this great region to share in this vision. I offer you my congratulations and my continued commitment to turn our hope into reality."

THE FACILITATOR: Thank you, Mr. Baker. I have been advised that Mr. Werner would like to react to Virginia Cook's comment.

MR. WERNER: Yes. I am Jim Werner with the Department of Energy in Washington. I just want to answer the question you asked Tom Grumbly.

Congressman Clay and Congressman Gephardt sent us a letter in late August, among other things, asking that Tom Grumbly come and receive the recommendation from the Task Force, and I'm just trying to respond to it. And I can say on behalf of Tom Grumbly tonight, after getting that letter and looking real

hard at the schedule and things, we will find a time for Tom to come out and respond to Congressman Clay's and Congressman Gephardt's letter.

THE FACILITATOR: Thank you. The next speaker is Charles Riggs.

MR. RIGGS: I am Charlie Riggs with Sverdrup Environmental one of Sverdrup Corporations subsidiaries. I would like to thank the Task Force for allowing me to speak to you this evening and I am here to express Sverdrup's support for the findings and recommendations that are put forth in the committee's report to the Department of Energy.

We've been a part of the greater St. Louis community for years and we agree that the radioactive contamination at the FUSRAP sites must be removed and the time for action is now. We have been directly involved in cleaning up such environmental legacies in many areas of the country. We, as a corporation, know how to get the job done.

We have joined a team of local businesses that are also very experienced in dealing with environmental problems of this magnitude and that can implement the Task Force recommendation. If addition to Sverdrup our team includes the National Center of Environmental Information and Technology, Clean Earth

Technologies and RM Western Associates. We are all businesses with vested interest in the St. Louis community. We have made a proposal to the Department of Energy for that purpose.

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We have described and offered a unique combination of cost-effective proven technologies for remediating the specific hazards by the FUSRAP wastes. The application of technologies that we have offered would provide enhanced material handling and waste form preparation for the reduction of risk during transportation and for the protection of human health in the environment. We see this as an opportunity to partner with the Department of Energy to bring about the successful remediation of St. Louis sites in accordance with recommendations of the Task Force. We thank you.

THE FACILITATOR: Thank you. The next speaker is David Schorr who is the director of the Missouri Department of Natural Resources and who is here this evening representing Governor Carnahan.

Mr. Schorr.

MR. SCHORR: As indicated, my name is David Schorr. I serve Governor Carnahan and the citizens of Missouri in the capacity as cabinet secretary for natural resources.

Consistent with the Missouri constitution, my agency's responsibilities and environmental control and preservation of Missouri's natural resources in this state. These include all state responsibilities related to the Super Fund cleanups in this state.

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Governor Carnahan and I would like to extend our personal thanks to the Task Force members for your hard work and dedication. Your report is quality and represents a unique assemblage of our citizens' point of view. We are grateful for the opportunity to assist you. The department has had a nice working relationship with the Task Force but more importantly we are grateful for your desire to improve our great urban center.

Governor Carnahan is deeply concerned about the legacy of nuclear weapons waste in the St. Louis City and St. Louis County area. Nowhere else in the United States do DOE's nuclear weapons wastes reside in such an uncontrolled urban setting. Nowhere else in the United States do such federal weapons waste receive so little attention from the Department of Energy.

We are pleased that recently the DOE administration has taken a direct interest in our

sites and has focused attention internally on our needs and our concerns. Governor Carnahan agrees with the Task Force that DOE should expeditiously address the St. Louis waste problem and bring the matter in its entirety to a conclusion in concert with the wishes of St. Louisans. We encourage DOE to review the hard work and effort of this Task Force and propose a responsive set of alternatives to meet the Task Force goals and objectives.

When the citizens of St. Louis were called upon by the United States government to participate in the war effort, they responded knowing that many American youth would be sacrificed by yet another delay, they didn't wait for concerns and conclusions, they proceeded counting on their leaders to handle the consequence. Now, it is time for the United States government to mobilize to meet their task, that is, a proper cleanup in our community.

Governor Carnahan has been working with DOE officials to bring about the cleanup that St. Louis deserves. He has met with key DOE officials and has been encouraged by their courage, willingness to resurrect priorities in light of the Task Force efforts and information by state, city and county officials. We are hopeful that DOE using the Task

Force goals will expedite and focus their effort.

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As director of the Department of Natural Resources I want to state for the record and for inclusion in the Task Force report that the aquifer that underlies the airport site and many other sites in north St. Louis County is a usable aquifer that provides potable water by Missouri definition.

Importantly it is the only bedrock aquifer in the area that yields potable water because the other aquifers are too high in dissolved solids. I will submit a listing of wells drilled into this important aquifer for the Task Force's use in inclusion in appendices of this report. Is should be DOE's responsibility to protect this aquifer, not to put it at risk by inaction or short-sighted remedies.

I also want to comment on EPA's involvement in this effort. I am disappointed in EPA's failure to encourage DOE as the sole PRP in this Superfund site to bring these cleanup efforts to closure. This Task Force report is a valuable stepping stone in the Superfund process and should be used to provide stimulus to a conclusion.

Thank you for the opportunity to comment and most importantly it is all too often we do not get out citizen participation in the efforts that we

work on and I truly wish to thank the Task Force for their time and effort. Thank/you.

THE FACILITATOR: The next speaker is

Barbara Cooper who is here representing Congressman

Jim Talent and despite her allergic reaction is going
to read a statement from the congressman.

MS. COOPER: Actually I'm here this evening on behalf of Tom Horgan who is a member of the Task Force and has been with the Task Force for the duration. It is a pleasure to be here. The congressman sent his remarks, since he is in Washington, and I shall read them to you. They are very brief.

"Good evening. I want to thank you for this opportunity to make a few remarks for the record regarding the final report of St. Louis Site Remediation Task Force."

Please excuse my raspy voice, I'm doing my best to recover, though.

"First of all, I want to say that I strongly support the conclusions and recommendations of this Task Force. The Task Force has worked very hard over the past two years in coming to its conclusions on this matter. The recommendations of the Task Force report have overwhelming community

support as evidenced by the report's unanimous approval at the September 17 Task Force meeting. The report will now be submitted to the Department of Energy for its consideration.

I will be meeting with DOE Undersecretary
Thomas Grumbly on September the 25th to personally
request that the DOE adopt the Task Force's
recommendations for cleanup. At this meeting I will
reaffirm the massive community support for these
cleanup recommendations by the Task Force, the Task
Force which Mr. Grumbly himself created in August of
1994, to recommend cleanup remedies for the St. Louis
FUSRAP sites.

In addition to this I will continue to work to keep up the momentum, including providing the necessary funding for the cleanup to proceed as recommended by the Task Force. Another vital priority must be the prioritization of the site cleanup. The areas involved are highly populated and therefore we must take care how the materials are removed and how these materials will be transported. To that end should the DOE approve the Task Force recommendation, I will fight to ensure that the waste is transported in a safe and effective manner, avoiding any highly populated areas.

In conclusion, I would like to express my personal gratitude to all of the members of the Task Force for their tireless work on this project for the past two years and congratulations to each of you on a job well done. Respectfully submitted, Congressman James Talent, Missouri Congressional District."

Because I am representing the congressional office, it would be unethical and inappropriate for me to respond to a political statement given by an opponent and so I will just say to you this evening that I would like for you to please look at the record in the past in doing our research for this evening of how funding has been supported. During that two-year tenure, funding was cut by 10 percent. Much more than has happened in the past. So please look at that when you're reviewing the reports and keep that in mind. Thank you very much.

THE FACILITATOR: Thank you, Barbara. The next speaker is Sandy Delcoure.

MS. DELCOURE: My name is Sandy Delcoure and I adopted Coldwater Creek under a program called Streams for the Future which is sponsored by the Missouri Department of Conservation and the Conservation Federation of Missouri.

In 1991 I approached the Rivers and Trails

Conservation Assistance Program which provides technical assistance to state and local governments and local organizations for establishing and managing river and trail corridor projects. I collected signatures from state and local officials in support of the restoration of Coldwater Creek as a greenway for the community in future.

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I support the proposal to ship much of the radioactive waste at the airport and along Coldwater Creek to remote areas away from the heavily populated St. Louis community. I also encourage that the microwave vitrification process be seriously looked into and a field demonstration project be done with it and the radioactive waste sites concerned. It appears to be a logical solution and prevention of further contamination of the area through the cleanup and dust, et cetera.

I would like to thank the Department of Energy, the Task Force and especially Kay Drey for all the time and work they have done on the Task Force in the last two years to come with a solution to the problem of our radioactive wastes in the St. Louis area. A lot of time and effort went into their report and they are to be commended for the fine work they all did together. Thank you.

THE FACILITATOR: Thank you, Sandy. The next speaker is Chuck Blumenfeld.

MR. BLUMENFELD: Hi, my name is Chuck
Blumenfeld and I represent Dawn Mining Company. Dawn
is a uranium milling company that is no longer
operating in Fort Washington that has a lined
impoundment which has been licensed to receive 11E2
material. And we are here tonight, not being so
presumptuous as to comment on the Task Force, but
just to make some comments about some of the issues
that we have been involved in.

First, I want to thank the Task Force for allowing us to participate in the meetings and it's been a fascinating process and I can say I don't think anybody has worked in a group that has been as diligent, and hard working and thorough as this Task Force.

We just wanted to emphasize that the Task

Force conclusions with regard to the cost of off-site

disposal are very important. The Department of

Energy's report vastly overstated what the costs of

off-site disposal would be in relation to on-site

disposal. And the Task Force has been very diligent

in looking at those costs and concluding that the

costs would be about the same for on-site and

off-site.

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One caution we would like to impart with regard to the microwave vitrification, and I'll submit this report for the record for comment, the Department of Energy in 1995 had a peer review group looking as various ways of handling radioactive materials and the peer review group concluded that no further money should be spent by the Department of Energy on that particular technology because it did not have a lot of promise in effectively reducing large volumes of radioactive material and obviously we want off-site disposal because that meets our objectives.

But I think it is important for the community to recognize that the Department of Energy, with all due respect, seems to enjoy studying things more than moving things and spending a lot of time looking at a technology if it's not going to be effective, should be looked at carefully by the Task Force.

Finally, we have been involved in a couple of other locations that have material like this and I just want impart how lucky you all are to have as effective and committed congressional delegation to look at this issue. That is the way the other sites

that are being remediated by the Department of Energy were initiated. It was by getting strong support from the congressional delegation and the governor and it appears that you have that and I believe that will be very effective in pursuing your objectives. , 5 Thank you. THE FACILITATOR: Thank you, Mr. Blumenfeld. Anna Ginsburg.

MS. GINSBURG: I am here tonight representing Mayor Freeman Bosley, Jr. of the city of St. Louis and I'm going to read his statement.

"I want to thank the St. Louis Site
Remediation Task Force for two years of hard work
culminating in the report which you are reviewing
tonight. Your accomplishments are an excellent
example of good things that can happen when we all
work together as a region.

I am especially pleased to see that you have made the protection of the public health and the environment priorities in your recommendations for remediation. In 1990 the voters of St. Louis overwhelming voted against the establishment of a permanent radioactive waste bunker in the area. Your report clearly reflects the community's desire to see this wastes cleaned up.

Over two million people live in the St.

Louis area. We don't need to continue living with one of the largest volumes of nuclear weapons waste in the country. Some areas in St. Louis have been contaminated for over 50 years. Now that the Cold War is over it is time for the federal government to clean up.

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When Thomas Grumbly from the Department of Energy came here two years ago he asked the community to come together and find a mutually acceptable solution to this problem. You have done your job. We now ask the federal government to do theirs. I want you to know that I fully support the recommendations in this report and intend to continue working with the citizens of the region until the cleanup it complete."

THE FACILITATOR: Thank you, Anna. The next speaker is Martin Pion.

MR. PION: I'm here representing the Missouri GASP (Group Against Smoking Pollution) as its president as well as myself as a resident in North County. I have addressed the Task Force before and so some of you will be familiar with my remarks and my position on this. I'm not here as a politician. I don't have to be re-elected so I don't

have to say the popular things.

I'm really disappointed that this much effort and time has been put into pursuing this issue which I see as a low-risk issue for most of the people in the St. Louis metropolitan area. And we're talking about a vast amount of money that ultimately we have to fork up -- it's coming out of our pocket. We should be very concerned that our money is being well spent. That's what all the Republicans are saying these days. I'm not a Republican by the way.

what I want to address as briefly as I can is the issue of risk. One of things that we do worst, and often these things are driven by political consideration is assessing risk. One of things I've learned over time as an environmentalist is that environmentalists are extremely good in getting the public very alarmed about things but they're extremely bad about assessing the relative risks of these things that they're getting the public alarmed about. Because I've been an environmentalist for many years and I've been alarmed about many things in the past as a coordinator of Friends of the Earth in England.

Kay Drey is a remarkable person. I have to give her credit for being an incredibly determined

and very intelligent person but I wish she had spent her 18 years devoting it to a higher-risk project -- and I could give her something to do if she were interested, I don't think she is -- Kay Drey will agree with me when I say that if we're looking for things of concern that fall under the heading Radioactive Risk that one of the major risks that we're exposed to -- well, there are two that I want to mention tonight -- one is radon that is naturally occurring in the ground under our homes and collects in some of our energy-efficient homes -- I don't have one -- but that affects everybody in the St. Louis metropolitan area. It's naturally occurring.

Kay Drey's problem is that she focuses on the man-made radiation issues and she's absolutely totally absorbed with that and anything that's man-made must be bad and we have to get rid of it no matter what the cost. That's not rational, I'm afraid. That's her big weakness as I see it. Now, I'm just one person and Kay is one person too.

Let's talk about two issues. One is close to my heart and one is less close. As president of Missouri GASP I'm interested in getting smoking out of my life, other people's smoking. We're in a smoke-free room here but I checked with the hotel

before coming out here and everywhere in this hotel, apart from this room, smoking is allowed.

Tobacco smoke contains among the 43 carcinogens, known or suspected human carcinogens in tobacco smoke is one radioactive. At least one, I think there's two, polonium 210 is a radioactive component in tobacco smoke that all of you breathe in when you're exposed to it. So if Kay Drey wants the radioactive issue to get a handle on, I recommend that she gets a handle on that.

There's 53,000 people estimated that die from environmental tobacco smoke every year. That's a much bigger problem than the low-level waste at the airport over which, apart from Kay Drey, nobody can actually say that anyone has died from that radioactive waste that we've got. I'm not saying that we shouldn't deal with it because of that, but I want to put it into perspective.

THE FACILITATOR: Mr. Pion, one minute please.

MR. PION: I talked to a gentleman today and he said well why not. By the way, we could spend \$20 million on tobacco control or anti-smoking programs, TV ads, and we'd have a much bigger impact in the St. Louis area reducing mortality. This is

the sort of problem that we could solve if we started to do something about smoking among adults. Talking about non-smoking, it doesn't cost anything to put up a No Smoking sign.

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Let's talk about if we want to spend money. We're obviously keen on spending \$600 million. I talked to some people today about radon mitigation, we could spend \$600 million I estimate and we could test all the properties in the St. Louis area, metro St. Louis -- this is just a rough estimate by the way, back-of-the-hand estimate -- but for about \$600 million we could toot all those properties. It costs a \$105 per property and we could remediate all of them as well, every single Let's suppose they all needed remediation for \$600 million, the cost for 90 percent of those homes And for 10 percent I was told is less than a \$1,000. it could be as high as \$1,400. We could do all that and really reduce the radiation exposure in the St. Louis area and actually that would be an accomplishment.

So what I'm saying here is let's balance.

Let's look at the risks, not emotionally because that's the way we do it most of time, we don't want it in our back yard. That's what the referendum said

-- Do you want a radioactive waste site in your back 1 yard? Who's going to say yes? But give some choices 2 and people will choose to be more rational about it. 3 So what I'm saying is let's be rational about this. I'm not a 100 percent thrilled by this 5 6 I don't want to see \$600 million spent this 7 way. Thanks. 8 THE FACILITATOR: Thank you, Mr. Pion. 9 next speaker is Pat Waterson. 1.0 Good evening everyone. I'm MS. WATERSON: 11 Pat Waterson from the Missouri Coalition for the Environment. 12 The Missouri Coalition for the Environment applauds the St. Louis Remediation Task 13 14 Force on its difficult work for the past two years. Unanimous agreement of the Task Force that the waste from the St. Louis site should be cleaned up and removed from Missouri's largest population center is a precedent-setting decision and the Coalition strongly support it. The St. Louis site is the oldest radioactive waste of the atomic age. On April 2, 1942, Mallinckrodt Chemical Works near downtown St. Louis began the experiments to purify the uranium needed by the federal government for the Manhattan

They accomplished their mission in 50 days

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Project.

and continued to produce radioactive waste in St.

Louis for the next 25 years.

For the past 25 years the Coalition has been a strong voice for a cleanup of the St. Louis site. In April of 1992 we hosted a symposium entitled A Mountain of Waste 50 Years High. The Coalition continues to oppose the use of nuclear power and weapons.

We request that the Department of Energy establish a fully-staffed field office to expedite the St. Louis site cleanup comparable to the office set up at Weldon Spring. Thank you and we appreciate the chance to speak at this public meeting.

And I agree with the previous speaker that smoking is a big deal and I would urge everyone to think carefully about -- this is a personal comment on my part -- about the supports we have for the tobacco industry in this country. I think that's also a important issue. Thanks.

THE FACILITATOR: Thank you, Pat. Arlene Sandler.

MS. SANDLER: I'm a county resident, a
Missouri River water drinker and a follower of this
problem for about the last 15 years and I just wanted
to take a half a minute to thank the Task Force as

everyone here has for two years of very hard work and what I see as maybe the first step at last toward the possible end of this problem at least in the St.

Louis area because it is a problem that really never goes away.

Realistically, I think that the cleanup will only happen when that field office is set up.

Just as what's happening in Weldon Spring. They have a field office there and cleanup is ongoing. Thanks again.

THE FACILITATOR: Thank you. Rachel Loche.

MS. LOCHE: Hi, my name is Rachel Loche and I'm a resident of the city of St. Louis. And I've just come to add my voice to the tens of voices here and to the thousands of those that are probably out in places beyond this building who applaud the Task Force's recommendation for the cleanup of radioactive waste in our neighborhoods.

I think that the course of action that you've decided to take is not only the best thing to do but it's the right thing to do -- both for ourselves here and for our future generations.

Thanks.

THE FACILITATOR: Thank you. And then

finally Mal Donohue.

MR. DONOHUE: Hi, my name is Mal Donohue and I'm a resident Berkeley and I commend the commission, the Task Force, for the work they've done over the past two years. I was fortunate to be able to attend a few of their meetings.

I disagree wholeheartedly with their recommendation. I believe it is fiscally irresponsible. I totally agree with this gentleman right here, I think he's a kindred spirit. I think there are many more risks that we have to deal with every day whether it municipal garbage being thrown in landfills which are unlined and can leak in aquifers with risks which are many, many fold of magnitude greater than what we're dealing with -- a low-level radioactive waste.

I believe it's politically incorrect for people to jump on a bandwagon and make accusation, rhetorical remarks that aren't based on fact.

They're simply just remarks. And marketing people who come and try and sell their goods and services to the Department of Energy.

I would really like to see the money be used responsibly. I'd like to see people have a sense of urgency about the cleanup and I would like

to see people take a look at the facts, like this gentleman said, and make sure that we're spending the money responsibly. Because it is our money, it's our tax money. Thanks.

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THE FACILITATOR: Thank you, sir. And then one additional speaker, one additional participant here tonight has indicated a desire to speak and that's Ed Mahr.

MR. MAHR: Two directions. In the future I think people are going to have questions and they have to direct them to somebody. Now, in the past when I call up Weldon Spring's trailer I didn't get an answer that I considered satisfactory because the people with the know-how were out and you got the secretary.

other than the technical deciders of the issues where the average common person can get a question answered in a semi-technical or an extremely technical manner and I think it has to be somebody from the Task Force.

And Sally Price, I don't know, she might be great; Kay she might be great, but those two people are very busy and I would like to nominate Jim Dwyer because he's been, you know, through the entire thing

and he knows all the little foibles of all the little people.

The second comment, this is just random thoughts. I was not a member of the Task Force, I was just there. And these are just partial sentences but actually it was about two years of comparing apples and oranges, each person looking at different parts of the elephant. No one else in the world had to come up with a satisfactory solution for the waste problem that was without faults. And some of the people knew the potential horror of the atomic legacy — some of the speakers, not the Task Force members of course — but some of the others didn't know a millirem from a millennium.

There were 50 years of other people's attempts to deal with and be dealt upon by the nuclear legacy of waste that were being discussed. Everyone felt under educated, hesitant to speak from ignorance, afraid to sound a fool, everyone was willing to pay to the god of science but the science god took a powder.

The god ducked out and asked his subjects to write the commandments, tenets, and direction of endeavor. Then god asked the people to vote on their future and the people sat and daydreamed while the

words droned on endlessly. One chairman of the total group ducked and their lesser subjects appeared infrequently -- some never. Some new people took their place and they all daydreamed.

But finally the subject approached, a consensus of a common direction to proceed -- they voted their consciences and prayers and the subjects were ready to go to sleep and rest. But someone was still needed to form the wagon train and get it in shape for the upcoming journey.

The same collie dog that was herding and watching the livestock was still alive, awake and working. The little dog had naps perhaps but he was still running his damn fool legs off to-and-fro. Without the collie, wagon-train master this journey would not have gotten even to this utopian consensus.

When the journey starts, that is the actual cleanup, I hope the collie dog who is Mr. Jim Dwyer, is still part of the wagon train. I just feel he deserves a nice warm pat on the head.

THE FACILITATOR: I don't know what to think about that. Thank you, Ed.

That completes the list of people who have signed up to speak. I understand that Jim Werner

would like to bring some remarks from the Department of Energy to the group. $\begin{tabular}{ll} \hline \end{tabular}$

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MR. WERNER: Thank you, Jim. My job here has been to listen tonight and so that's what I have done mainly. I just wanted to add my thanks to the list of everybody else who has. And to give you a little perspective.

I've worked on the Department of Energy cleanups for many years now and part of that has involved going out and working with community organizations as well as engineering contractors and everybody. And I've got to say that this is truly one of the most impressive, probably the most impressive community Task Force I have seen of the dozens that I've seen around the country, so it's an extraordinary effort.

And this is really exactly what it takes to get the work done. As somebody said earlier you've now done your job, it's time for us to do ours. But I'm not sure whether, as somebody else said, this is the beginning of the end or the end of the beginning but clearly what we now need to do is take your Task Force report and honor it, respect it, to read it very carefully.

I expect that we may have to come back and

ask you some questions so that we understand it fully and really understand what we're getting at here. Although you're pretty clear from what I could see. This is not hard. But as we go forth and put together a remedy, a plan for it, I think that you all want us to be using good management, make sure we're getting a dollar's worth of cleanup for a dollar spent and use the money right, use good engineering, use good common sense and to use a democratic process which is what you all have done here.

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We do have our work cut out for us. There's been some talk about it, it's not my job to assign blame, it's our job to deal with it, but I just got the appropriations report today from Congress and it is about a \$60 million cut in our account that is funding this sort of cleanup -- \$59 million. So we obviously have to grapple with that for fiscal year 1997 which does not necessarily mean We've got to sort that out. this site. That's yet to be done. But that is a fact, that is a reality we now have to deal with. But I think there are a lot of options to deal with those problems. We'll look at them, that's our job.

But thank you again very much for all the

extraordinarily hard work. This is, I know, a volunteer work but that's what makes it tick. So you push us to do our job better. So thanks again. THE CHAIR: Thank you, Mr. Werner, for those comments. And thanks to each of you for coming. Your comments are greatly appreciated. encourage you to stay informed and involved in this And this concludes our meeting. Good night. (HEARING ADJOURNED AT APPROXIMATELY 9:00 P.M.) CERTIFICATE I hereby certify that the foregoing is an accurate and complete transcription of my shorthand notes taken at the aforesaid time and place. Court Reporter Date

00-2161

Formerly Utilized Sites Remedial Action Program (FUSRAP)

ADMINISTRATIVE RECORD

for the St. Louis Site, Missouri



U.S. Department of Energy

FUSRAP Document Management System

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