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NASA'S PUBLIC MEETING  
DRAFT EIS FOR CLEANUP AND DEMOLITION ACTIVITIES  
AT SANTA SUSANA FIELD LABORATORY

WEST HILLS, CALIFORNIA  
WEDNESDAY, AUGUST 28, 2013  
7:00 P.M.

1 FACILITATOR:

2 DR. SUSAN SANTOS

3

4 PRESENTERS:

5 ALLEN ELLIOTT

6 JASON GLASGOW

7 JENNIFER GROMAN

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## PUBLIC COMMENT

BRIAN LINDQUIST: Thank you very much. My name is Brian Lindquist. I'm here on behalf of the Southern California Federation of Scientists. SCFS was organized in the early '50s as the Los Angeles Chapter of the Federation of American Scientists.

SCFS is an interdisciplinary organization of scientists, engineers, technicians, and scholars dedicated to providing independent scientific and technical analyses and expertise on issues affecting science, society, and public policy.

SCFS has been involved in matters related to SSFL -- Santa Susana Lab -- since 1979 when it provided technical assistance related to disclosures of the partial nuclear meltdown that occurred in 1959 at SSFL. For over 30 years SCFS has been involved in providing technical assistance for the communities near the site on matters related to cleanup of the SSFL chemical and radioactive contamination from decades of rocket and reactor testing.

A member of our Executive Board, Dr. Sheldon Plotkin, who unfortunately cannot be here tonight, has served for approximately two decades as a community representative on the SSFL interagency work group overseeing the cleanup of the site and the SSFL advisory panel that oversees health

1 studies of the affected workers and neighboring  
2 communities.

3 SSFL is heavily contaminated from decades of rocket  
4 and reactor testing, sloppy practices, improper waste  
5 disposal, spills, and releases. We are here focused on  
6 NASA's portion of the property, Area 2, and NASA's section  
7 of Area 1. Decades of gross violation of fundamental  
8 environmental rules led to contamination of soil,  
9 structures, groundwater, and surface water. Indeed, the  
10 Draft EIS discloses NASA's testament that its prior  
11 practices led to contamination of half a million cubic  
12 yards of soil alone.

13 Contaminants include various extremely toxic dioxins,  
14 PCDBs, numerous heavy metals, TCE, and other volatile  
15 organic compounds, perchlorate and other hazardous  
16 materials. Perchlorate is a component of solid rocket  
17 fuels that disrupts human development, has been found to  
18 have mitigated off-site and contaminates a third of the  
19 wells of Simi Valley monitored for it.

20 Half a million gallons of TCE, a carcinogen, were  
21 dumped directly into the ground and now contaminate  
22 groundwater. TCE has also mitigated off site. Annual  
23 monitoring reports for surface water contamination show  
24 rain carrying off toxic materials off site at levels  
25 exceeding health-based benchmarks hundreds of times in

1 recent years.

2 A study of the UCLA School of Public Health found  
3 elevated cancer rates/death rate among both nuclear  
4 workers and the rocket workers from exposures to these  
5 toxic materials.

6 Another study by UCLA found that rocket testing had  
7 led to off-site exposures to hazardous chemicals by  
8 neighboring population at levels exceeding EPA standards.  
9 A study performed for the Agency for Toxic Substances and  
10 Disease Registry found elevated cancer rates in the  
11 off-site population associated with proximity to SSFL.

12 The remarkable fact about NASA's Draft Environmental  
13 Impact Statement on the cleanup of the toxic contamination  
14 at its portion of SSFL is that there is almost nothing in  
15 the EIS about toxic contamination. Just a few sentences.

16 Hundreds of pages are spent trying to scare people  
17 about a few trucks per hour that will be needed to  
18 transport the waste to an appropriate waste disposal  
19 facility. Far fewer trucks than were going in and out of  
20 the facility for decades. But virtually not a word about  
21 the toxic contamination that necessitates the cleanup.  
22 This is the fundamental flaw that must be corrected.

23 The Draft EIS identifies the impacts of cleaning up  
24 the contamination, but it is essentially silent on the  
25 impacts of not cleaning it up. The no-action alternative,

1 unquote, you focus on matters on which the scheme of  
2 things are small and leave unaddressed this tremendous  
3 amount of contamination your sloppy environmental  
4 practices created.

5 The Draft EIS creates an impression of an agency that  
6 signed a legally binding agreement to clean up toxic mess  
7 it made but is now trying to get out of the solemn  
8 commitments entered into.

9 SCFS's recommendations, thus, are: Provide extensive  
10 detailed description of the contamination NASA's poor  
11 practices created over decades; identify in detail what  
12 the site characterization has found as to the contaminants  
13 are found in what concentrations and what areas and in  
14 each environmental medium; give us solid details about the  
15 groundwater contamination; tell us about each violation or  
16 exceedence of surface water discharges leaving the site  
17 with contaminants above benchmark; detail which dioxins  
18 have been found in what concentrations, in what soil, and  
19 to what depth; and the same for all the toxic materials  
20 found.

21 An EIS about toxic cleanup that is silent about toxic  
22 materials is misleading and unscientific at best. Not  
23 cleaning up the toxic contamination would result in  
24 perpetual releases of contaminants from the site.  
25 Whenever the wind blows, carrying suspended and

1 resuspended toxic materials to the communities nearby,  
2 whenever the rainfall, surface runoff will continue to  
3 carry hazardous materials off site at levels that are  
4 deemed unsafe.

5 As to the impacts of cleaning up -- No. 2, as to the  
6 impacts of cleaning up, very much manageable in the scheme  
7 of things, require A, the use of natural gas or  
8 electric-powered trucks so as to reduce particulate and  
9 greenhouse gas emissions;

10 B, disperse the trucks among the several available  
11 routes, which should result in only two or three trucks  
12 per hour, per road, and only in primary working hours.  
13 This is trivial given the large number of trucks that have  
14 gone in and out during the years of operation and still do  
15 for the existing cleanup.

16 Letter C, use on-site soil wherever possible for  
17 regrading the cleaned up areas. There should be no need  
18 for off-site soil. But if there is some such need, use,  
19 for bringing in soil, the otherwise empty trucks that are  
20 going to the site to pick up waste, reducing further the  
21 number of trips mentioned.

22 Letter D, use in situ treatment wherever possible.  
23 The Draft EIS makes it clear that this could reduce the  
24 soil removed and the truck trips by a huge amount, in  
25 order of a third. Use on-site treatment to the maximum

1 extent possible.

2 No. 3. But at the end of the day, the toxic  
3 contamination is so much of a health problem, including to  
4 neighboring communities, irrespective of eventual end use  
5 of SSFL itself because of the contamination otherwise  
6 would keep mitigating off site, the full cleanup is  
7 scientifically and environmentally mandatory.

8 A few trucks an hour, not dissimilar to what has gone  
9 on in the facility anyway, is just a red herring to divert  
10 the attention from the massive contamination of this site  
11 and the need to clean it up.

12 Now to finish. NASA signed a legally binding  
13 administrative order on consent, AOC, committing to clean  
14 up its contamination to background. NASA should fully  
15 live up to its commitments. It contaminated this site in  
16 the middle of these communities and promised to fully  
17 clean it up. It must meet its promises fully and without  
18 equivocation. Thank you.

19 BONNIE KLEA: I'm Bonnie Klea, a former worker. I do  
20 appreciate the previous statements. He said a lot of what  
21 I was going to say, and I won't say it. Instead I'll turn  
22 in my draft.

23 But I worked there in the '60s and '70s, and I had  
24 terrible health effects from my job. I had cancer, as  
25 well as most of the workers. And I've been in touch with

1 many of the NASA workers, and they have lung cancer,  
2 they're dead, or they have COPD and they can't walk  
3 anymore. So I'm telling you that the health effects are  
4 serious, and they're serious to the community.

5 We had periods of times where every single test stand  
6 was running 24 hours a day, every day of the week, and the  
7 emissions went on the ground and they went in the  
8 community. Wherever the wind would blow would be the  
9 emissions. And now we have findings in Simi Valley of  
10 perchlorate in their wells. And we have -- where I live  
11 in West Hills, we have several census tracts that, in  
12 three different studies, show where I live exactly has a  
13 higher rate of bladder cancer by 50 percent. And that's  
14 also mirrored in the workers. Lung cancer is No. 1 up  
15 there, and bladder cancer is No. 2.

16 So you can't just leave it up there. Okay. And for  
17 those people who think that you could just fence it or  
18 cover it, it can't be done. It has to be removed. And we  
19 can't leave the mess for future generations. And needless  
20 to say, I support the cleanup. I support the AOCs. NASA  
21 made this mess and profited from it. Take the test stands  
22 down if there's contamination underneath.

23 Don't leave the mess behind in our community for  
24 innocent generations. We have a moral duty, for what we  
25 know, to take care of it before future generations are

1 born and wander up there and don't know what the hazards  
2 are. Thank you.

3 SARAH STONE: Hi. My name is Sarah Stone. I live at  
4 the bottom of Fox Canyon. And I'm within sight range of  
5 the trucks. I'm assuming they would be going up and down  
6 Woolsey as one of the possible exit routes off of that  
7 site.

8 And my concern is, to mirror what Brian said a minute  
9 ago, he laid out all the facts, but we live in a -- that  
10 neighborhood is very windy and there's lots of dust that  
11 already is blowing around. A lot of that dust ends up in  
12 my house and on my back porch and all around our  
13 neighborhood. And that's just normal. That's just the  
14 way it is. We live in an area that's decomposed  
15 sandstone, and that sandstone breaks down to small  
16 particles of dust. And that dust, every time there's  
17 wind, it blows around.

18 And so my concern is that when I hear that there's  
19 going to be -- I forgot the numbers -- 80,000 trucks going  
20 up and down, and there was some mention earlier when you  
21 were talking about the impact that there would be  
22 particulate matter in the air. That would be an impact, a  
23 significant impact, on the neighborhood.

24 That particulate matter that's going to be flying  
25 around as all of this stuff is being dug up that Brian

1 expressed what was in that particulate matter, that's  
2 going to be in my living room and my kids are going to  
3 breathe it. So that's my -- what are you guys going to  
4 do? How are you going to keep that particulate matter  
5 from ending up all over the neighborhood with particulates  
6 and whatever all is in there? Because for the next few  
7 years that's what I'm going to be breathing. And that's  
8 my concern.

9 DORRI RASKIN: Hi. Dorri Raskin, Rocketdyne Cleanup  
10 Coalition. And I appreciate Brian, who spoke so  
11 eloquently, and everything that he had to say. And I  
12 think what was lacking in this report are reports from  
13 Southern California Federation of Scientists, UCLA, and  
14 other agencies that discusses the toxic effect on people's  
15 health -- on workers and people's health. And I think  
16 this is really important.

17 For the people that have cancers, my friends -- my  
18 friend who was young and his brother walked around the  
19 site, and he got cancer and he died. I mean, how could a  
20 parent -- a parent is always going to think about that son  
21 that has -- who died before the parent. And that's really  
22 difficult.

23 For my friends who live below the site who got  
24 thyroid cancer, breast cancer, leukemia, we're talking  
25 about people's health, and the site needs to be completely

1 cleaned up to AOC standards. And please use what UCLA  
2 says about what happened to the workers who got sick and  
3 who died. I have a friend who worked at the site, and he  
4 has cancer. And this is very important.

5 And this is what was missing from your presentation.  
6 Thank you.

7 CHRIS ROWE: I'm Chris Rowe, and I live in West  
8 Hills. I have for 35 years. There's so much to address,  
9 but I'll try to -- I have a lot of unanswered questions as  
10 a result of the Draft Environmental Impact Statement, but  
11 I haven't had time to read it all.

12 This project is very complicated because it does not  
13 fall under just one agency or jurisdiction. Based on the  
14 March 2013 NEPA/CEQA handbook, I believe that there are  
15 two leads for this project, a NASA lead for the federal  
16 parties, the U.S. Government property, and DTSC as the  
17 lead agency for the State of California.

18 Furthermore, the NASA Draft EIS only considers the  
19 impact of NASA's actions on the approximately 450 roughly  
20 of 2850 acres of Santa Susana Field Laboratory site and  
21 not the cumulative impact of the work that is necessary  
22 for Boeing and the Department of Energy to complete. This  
23 is why we not only need a full-site Environmental Impact  
24 Report done by DTSC, sooner than later, but we need to  
25 consider the full impact of all these projects on the

1 local communities.

2 When DTSC does their EIR for Santa Susana, they will  
3 have to consider a Boeing cleanup based on health risk and  
4 a cleanup standard to a suburban residential standard and  
5 a NASA and DOE cleanup based on the AOC. Just how is this  
6 going to work?

7 Why did NASA sign an agreement that is not based on  
8 health risk when, in my opinion, most of the statements  
9 from local community members are regarding their fears of  
10 off-site risk.

11 We need to understand if all three responsible  
12 parties will be taking the same route, the NASA DES refers  
13 to protecting children. I thought that you also had to  
14 consider the location of senior facilities and hospitals  
15 when you were looking at the impact of emissions.

16 Now we also have to consider the Santa Ynez Band of  
17 Chumash have taken action to consider all of the Santa  
18 Susana site as sacred lands. What does that mean in terms  
19 of how the site is cleaned up? What are their intentions  
20 for future use? Do they want the test stands to remain in  
21 place or do they want all evidence of the United States  
22 Air Force and NASA activities to be removed?

23 Yesterday it was mentioned, the use of water, how  
24 valuable water is. We're in a drought period. And then  
25 we look at the fires nationwide. And how could we use a

1 lot of water to both clean up this site and to revegetate?  
2 The impact of energy use. Where are you going to get the  
3 energy for the equipment that you're running if you're  
4 treating soils on site? For example, is that going to be  
5 from sources of coal?

6 The sensitive receptors -- again, I mentioned the  
7 nursing homes -- the environmental justice communities  
8 that I was reading about, a lot of those are Canoga Park  
9 and Chatsworth from what I saw on Route 27. I need a  
10 better map. I have to look more closely at that. But I  
11 doubt if those Canoga Park and Chatsworth people that live  
12 along there are at this meeting today or are reading that  
13 document. And yet all these trucks are going to impact  
14 those environmental justice communities.

15 The reality is I don't believe that we're going to be  
16 able to get this done by 2017. I ask you again,  
17 previously a question, and so now this is a statement. We  
18 need a toxicologist to be looking at these documents. We  
19 need an epidemiologist to discuss the impact of both the  
20 cleanup of this site versus the amount of trucks that are  
21 taking this soil. What is that impact on our local  
22 communities?

23 And the soil on the site is compacted. The more that  
24 we dig, the more that there will be airborne. When we had  
25 the Camarillo Springs fire recently, there were 28,000

1 acres burned. Similar contaminants -- dioxins and other  
2 contaminants that are formed from burning are similar to  
3 what is on the Santa Susana site today, but yet the  
4 contaminants on the site are in the soil because it's  
5 become hardened over time. Whereas those -- that ash, we  
6 were breathing that.

7 In my opinion, and I'm not a doctor, but I have a  
8 background in health, I think that those risks from the  
9 fire are more dangerous to us, fires all over our area,  
10 than what the current -- I'm talking about today --  
11 off-site impacts are. The risk to my community, in my  
12 opinion, from reading these documents and attending these  
13 meetings, will become greater the more you dig. The more  
14 that you expose of the bedrock, you will be exposing more  
15 of the naturally occurring uranium thorium.

16 And finally, I just want to say, when terms are  
17 used -- I'm sorry, I didn't catch the exact term that the  
18 gentleman from the concerned scientists used -- meltdown,  
19 a partial meltdown -- usually when you use a term in  
20 science, first you define that term and then you explain  
21 what is the impact of that action. That's what a  
22 scientist does.

23 There is no sodium reactor experiment. It was not on  
24 NASA's property. It's no longer there, and according to  
25 the federal EPA, there is no way we can show any evidence

1 today of one discrete incident. So while there are some  
2 radionuclides in Area 4, that should not be addressed on  
3 the NASA EIS, in my opinion. But that's what is used to  
4 create alarm in my community. Thank you.

5 ANTHONY ZEPEDA: My name is Anthony Zepeda. I am an  
6 attorney. I reside in Winnetka in the shadow of the  
7 extensive contamination NASA has created on the hill. I'm  
8 also a member of the Board of Directors for Committee to  
9 Bridge the Gap, on whose behalf I'm appearing today.

10 Bridge the Gap has been involved in matters related  
11 to the Santa Susana Field Laboratory since 1979 when it  
12 helped publicly disclose the partial reactor meltdown that  
13 had been kept secret for the previous two decades. Bridge  
14 the Gap worked ever since for the cessation of dangerous  
15 activities at the site, public health studies of the  
16 impacts of the contamination on workers and on the  
17 neighboring communities, and full cleanup of the  
18 pollution.

19 For decades NASA acted in a grossly inappropriate  
20 fashion in terms of environmental stewardship of the site.  
21 Hundreds of thousands of gallons of TCE were dumped  
22 directly on the soil and from there contaminating vast  
23 swaths of groundwater. Huge amounts of perchlorate, a  
24 rocket fuel component, contaminated soil and groundwater.  
25 PCBs, dioxins, a witch's brew of heavy metals and various

1 volatile organic compounds all were dumped and spilled  
2 into the soil.

3 Open air burning of toxic materials, hundreds of  
4 barrels, led to toxic plumes that fell out over wide areas  
5 of soil. All of the contaminated SSFL -- all of this  
6 contaminated SSFL but also spread off site to neighboring  
7 communities. The site is a toxic mess.

8 In 2010, after years of resisting its cleanup  
9 obligations, NASA finally entered into a lengthy binding  
10 administrative order on consent to clean up all of the  
11 contamination it created on its part of SSFL that it could  
12 detect. In essence, the commitment is to return the site  
13 to its natural condition before NASA polluted it.

14 This agreement was widely supported by the community.  
15 Thirty-seven-hundred comments in favor of the agreement  
16 came in compared to an opposition from a handful of  
17 people. You may have heard from a small minority today,  
18 but it's critical that you remember that the AOCs went  
19 through two public comment periods and, by a ratio of more  
20 than 100 to 1, the AOCs were strongly supported.

21 Nevertheless, there have been some concerns that NASA  
22 signed the AOC with its fingers crossed behind its back  
23 and it would try to break out of the legally binding  
24 agreement it executed. NASA, however, has repeatedly  
25 stated formally that it is committed to its full

1 obligations under the AOC. This community will hold NASA  
2 to its promises.

3 The Draft EIS is being performed under the National  
4 Environmental Policy Act, or NEPA. There are a number of  
5 aspects of the Draft EIS which do not appear to be in  
6 conformance with NEPA and which raise questions as to  
7 whether some at NASA are working at cross purposes to the  
8 agency's commitment to its AOC obligations.

9 The most puzzling aspect of the Draft EIS is its  
10 virtual complete silence about the very core of what it is  
11 to examine, the toxic contamination of the site, which  
12 needs to be cleaned up. It acts as though the only issues  
13 to examine are what are in fact the ancillary impacts that  
14 would exist if there were nothing toxic at all about the  
15 pollutants NASA's irresponsible actions over decades  
16 spilled and released.

17 It almost looks as though some at NASA are trying to  
18 scare some in the community into giving NASA cover to  
19 break its agreement. This would be a violation of NEPA,  
20 which requires a dispassionate review of environmental  
21 impacts. But by talking endlessly about trucks and being  
22 completely silent about toxic contamination with the  
23 dioxins, PCBs, VOCs, heavy metals, perchlorate, a straw  
24 man is being set up.

25 If NEPA bars anything, it is the misuse of an EIS as

1 a straw man. NASA heavily contaminated this site. It  
2 poured contaminants directly into the ground and  
3 groundwater. It dusted the site and neighboring areas  
4 with airborne depositions of pollutants. It used  
5 contaminated water to quench rocket test engines, causing  
6 the contamination to be spread and fall out over wide  
7 areas from the resulting contaminated stream.

8 NASA was a bad environmental steward. It has now  
9 promised that it has got religion and will responsibly  
10 clean up the contamination it created. The Draft EIS in  
11 its current form does not demonstrate that this is the  
12 case. The EIS needs to be rewritten to disclose the full  
13 toxic contamination of the site in as much detail as has  
14 been used for the ancillary issues it focuses on instead.

15 Diversionary and misleading discussion should be  
16 avoided. For example, the endless discussion of trucks  
17 while one is silent about dioxin and perchlorate and PCBs  
18 is a sign of an agency failing to follow NEPA  
19 appropriately. The EIS has something like 53 trips per  
20 day will occur to haul off contaminated soil if there is  
21 no on-site treatment and 34 trucks if there is, occurring  
22 over a nine-hour workday.

23 These are frankly trivial numbers, four to six an  
24 hour, and if you, as you should, have the trucks alternate  
25 routes among the several identified in the EIS, we are

1 talking then about one to two trucks per hour, per road.  
2 This is trivial. Why NASA focuses on it in the EIS rather  
3 than on the contamination is difficult to comprehend in  
4 terms of environmental law.

5 The EIS should identify how many trucks are currently  
6 coming in and out of SSFL and how many coming in and out  
7 during all the years of operation. Certainly the cleanup  
8 truck trips is a small fraction of what has occurred to  
9 date. And yes, one should focus on successful on-site  
10 treatment where possible.

11 The EIS admits that the contaminated areas are  
12 largely areas where the natural vegetation was long ago  
13 removed and buildings constructed on graded land. This  
14 cleaning -- thus, cleaning the contamination would have  
15 limited effect on vegetation and animals, which should be  
16 revegetated in any case after remediation, leaving flora  
17 and fauna to be contaminated with dioxins, PCBs, heavy  
18 metals, et cetera. Of course, this makes no sense.  
19 Cleanup will help nature as well.

20 Last page. The EIS asserts that a fraction of an  
21 acre of soil may need to be cleaned up near the Burrow  
22 Flats cave paintings. It's hard to conceive that NASA  
23 contained contaminated soil inside a cave, and surely that  
24 isn't what you are claiming. But in any case NASA knows  
25 full well that under the AOC NASA does not have to clean

1 up to background anything that could result in damaging a  
2 recognized Native American artifact. The EIS should make  
3 crystal clear that there will be no impact on the cave and  
4 the AOC expressly exempts cleanup that could impact such  
5 an artifact.

6 NASA, in the Draft EIS, raises the question of not  
7 demolishing numerous contaminated NASA structures on the  
8 site such as test stands. This makes no sense. They are  
9 a center of contamination. The soil underneath them is  
10 contaminated. One cannot clean up the soil as required  
11 under the AOC without removing the test stands and other  
12 structures. If NASA really wishes to consider not  
13 demolishing these structures, it needs in the EIS to  
14 identify how it will clean up the contaminated soil  
15 beneath them.

16 Furthermore, it just isn't realistic to leave them in  
17 place. The health and safety risks and insurance  
18 liability problems of rusty, falling down iron hulks being  
19 left for people to hurt themselves on makes no sense.

20 I have more comments, but it's in writing. I'll  
21 incorporate them.

22 BETSEY LANDIS: I'm here representing -- oh, my  
23 name's Betsey Landis. I'm with the California Native  
24 Plant Society. I got mixed up in this because I am the  
25 expert on *astragalus brauntonii*, and NASA, if you have it

1 there, you're not talking about it, and I want it  
2 protected. So there you go.

3 But I'm much more interested because I have quite a  
4 background in contamination from sitting on Solid Waste  
5 Management Committee for 15 years. And I've looked --  
6 I've worked -- I'm in the stake group, so we have worked  
7 really hard, DOE and DTSC have worked extremely hard  
8 taking soil samples all over their site. I don't see any  
9 of that here. And NASA, you're scientific. It really  
10 hurts not to see you doing a detailed study of the soil to  
11 give us facts about what contamination is where.

12 I also say it's totally false to say that if you have  
13 three contaminants in one section you can't take them out.  
14 Yes, you can. The problem here is you think you have to  
15 have it all out by 2017. What we need here is a  
16 mitigation change, a mitigation that says that the AOC  
17 condition is that you have your schedule in place and how  
18 you're going to do these things and layer them so that  
19 over time you can mitigate on site, because it makes a lot  
20 more sense for the health of the people around not to  
21 disturb the soils any more than you have to or remove the  
22 vegetation, because you have a lot of wind coming through  
23 there. Constant problem for the people that live around  
24 it.

25 So I would suggest -- one of your proposed

1 mitigations was to land farm, which means if you dig up  
2 the soil take it somewhere else on the site, pile it up,  
3 and let all the volatile organics just disseminate into  
4 the air, I guess. Then you put it back. I would say if  
5 you've looked at that site, those plants, those native  
6 plants, are encroaching on every bare area. They are  
7 already mitigating.

8         What you need to do is to work with bioremediation,  
9 phytoremediation, fungi. There's a lot of things that  
10 work. It's a very active site. Unfortunately, they're  
11 kind of slow so they don't know they're supposed to be  
12 done by 2017.

13         If you want to maintain the integrity of the site,  
14 the integrity of its history, ancient history, whether you  
15 have a remnant of present history that's safe to leave  
16 there, that would be neat, but we have this unusual site  
17 that has a great deal of integrity of everything.

18 Vegetation, Native American history, people history. And  
19 it is a major fauna linkage and migratory pathway and  
20 resting spot for a number of -- a broad number of animals  
21 and insects. So you haven't covered that at all.

22         I want to put in more comments. I haven't had a  
23 chance to read the entire document yet, but -- I don't  
24 believe in standing here and reading stuff. So -- but I  
25 would say that your major mitigation you have yet to do is

1 to change the AOC so you can do the job properly. Thank  
2 you.

3 BARBARA JOHNSON: My name is Barbara Johnson, and I'm  
4 a veteran of this cleanup of Rocketdyne. I've lived in  
5 the area since 1970. I had breast cancer in 1990 with no  
6 visible markers, and I can't help but believe that I have  
7 been affected.

8 Also, Simi Valley has the highest incidence of breast  
9 cancer in California and has the largest support group for  
10 autism and has exceptionally large cases of thyroid  
11 problems and cancer.

12 I've been on the Santa Susana Field Lab work group  
13 since its inception. I also was on the panel of an  
14 extensive health study of mortality of badged workers, was  
15 done by UCLA through DTSC, which showed a significance of  
16 those workers who died from various cancers.

17 After years of indiscriminate contamination, it is  
18 imperative that this land be cleaned to background levels  
19 as agreed upon in the AOCs. Let's not muddy the waters  
20 with scenarios for end use. First and foremost you owe it  
21 to the populace, past, present, and future, to clean to  
22 background. EIS should only look at Alternative 1, clean  
23 to background.

24 Significant impacts can never be as invasive as what  
25 has taken place in the past. I urge you to use all means

1 to clean to background. And I would like to say that I  
2 certainly endorse with Brian Lindquist and Anthony Zepeda  
3 have said. Thank you.

4 BRUCE ROWE: Bruce Rowe. It seems like clean to  
5 background is a mantra. And I think that the site should  
6 be cleaned on the basis of health risk, current health  
7 risk, not on the basis of proposed things, actual things,  
8 and supposed things that happened in the past.

9 So there needs to be epidemiologists who study this.  
10 There needs to be toxicologists. There needs to be  
11 studies of what the current risk is. Anecdotal comments,  
12 suppositions have no place in scientific analysis. Thank  
13 you.

14 TEENA TAKATA: Teena Takata. I have a lot of  
15 concerns about the limited alternatives presented in the  
16 DEIS. The public comment -- and it's referred to in the  
17 DEIS -- the public comment was quite supportive of looking  
18 at multiple alternatives, and they have magically  
19 disappeared. And the Council on Environmental Quality and  
20 Barbara Boxer have sided, rather than looking at NEPA and  
21 CEQA, which I think are more the governing law in the  
22 matter. So I'm concerned by that.

23 I also don't understand why NASA is issuing this  
24 document by itself. Virtually every significant decision,  
25 particularly relating to cultural resources, DTSC is

1 controlling all the decisions. How can we have a  
2 decision-making document with no input from DTSC?

3 We don't know today what a historic structure is that  
4 might be preserved because, after all, it's not an  
5 artifact. I don't think we can possibly call it an  
6 artifact. And we don't know what DTSC will eventually do  
7 with any of the Native American cultural resources.

8 I was on a PPG committee that DTSC hosted that met  
9 every month or two in 2010. They told us during those  
10 meetings, because we asked, that CEQA would be considered  
11 as part of the AOCs. We have been looking at a report  
12 issued by NASA's Inspector General who says that NASA will  
13 not even consult with DTSC on CEQA matters until winter of  
14 2015. By the time a preliminary consultation happens that  
15 says DTSC probably won't have an EIR out until 2017.  
16 That's when you're supposed to have it all cleaned up. It  
17 makes no sense whatsoever.

18 And so someone else suggested that the 2017 date  
19 didn't make a lot of sense, and I think the evidence in  
20 the record is quite supportive of that. It doesn't make  
21 sense. The cart is far in front of the horse.

22 And there were people here that talked about how the  
23 AOC should be followed, and yet -- they talk about if the  
24 soil is contaminated it must be removed, and yet they were  
25 talking about in situ remediation. So I'm not quite

1 understanding that.

2       Anyway that's my comment.

3       DIANA DIXON-DAVIS: My name is Diana Dixon-Davis, and  
4 I am a demographer/epidemiologist. So I'm looking at this  
5 as a scientist, and I have some questions.

6       First, most of the testimony from the Union of  
7 Concerned Scientists and Bridge the Gap, et cetera, has  
8 been, as you noticed, they use the past tense. There used  
9 to be this. There used to be that. There were health  
10 risks. This is the problem. I, as a scientist, say this  
11 DEIS applies to the NASA property as it exists now.

12       So I am asking the following questions about where I  
13 see deficiencies in the current EIS. I did comment  
14 yesterday, but these are some extensions to those  
15 comments.

16       First, I think you need to define clearly the  
17 definition of agricultural cleanup in terms of the -- you  
18 can use 170, 250, or 456 chemicals. I've been sitting in  
19 on STIG. I'm a member of the STIG group. I'm a member of  
20 the PPG group. And we've seen pages and pages of  
21 chemicals. And you can choose whatever group you consider  
22 the most indicative of the levels of contamination.

23       But you'll find every one of these levels of  
24 contamination as DTSC and, I think, the federal government  
25 also used, to define what is called agricultural cleanup,

1 what is called rural residential, urban residential, and  
2 parkland. That would be at one table.

3 Another table would be the same chemicals showing the  
4 current level of each of those chemicals as measured  
5 throughout the site, with the realization that different  
6 parts of the site have different levels of these  
7 chemicals. So that needs to be outlined. Maybe it's just  
8 a big spot map with globs all over it, but it will explain  
9 where there are areas that need cleaning up, where there  
10 are areas that could be capped, where there are areas that  
11 could be soil remediate. There's a whole bunch of ways to  
12 treat different levels.

13 Secondly, I'd like to see a table with each of these  
14 chemicals, which ones have had actual epidemiologic  
15 studies or toxicological studies done showing at what  
16 level a toxic result is there.

17 For instance, people get all scared about radiation.  
18 But if you have a cigarette and you smoke one cigarette,  
19 you are getting several (indiscernible) of radiation in  
20 every cigarette. And none of us are willing to remove all  
21 the dirt in our house because somebody smoked a cigarette  
22 and threw it in the backyard.

23 We have to look at what is a reasonable level of  
24 contamination, one that has actually health effects. And  
25 this is what I consider the major deficit in this study is

1 that it does not define the level of health effects of the  
2 current conditions at the lab. It talks about past stuff.  
3 We cannot change the past. We only can look at what's  
4 going on now and go into the future. And whether it's  
5 cost effective to spend millions of dollars cleaning  
6 things up that perhaps are not contaminated to the level  
7 that they can do anything negative to us, such as a  
8 cigarette thrown out in the backyard of your house.

9 And then lastly, and this just came up yesterday, I  
10 think there needs to be a protocol in all the DEIS,  
11 throughout all the earth moving to test for Valley Fever.  
12 Valley Fever is a fungus. It's in all of our soils every  
13 time soil is disturbed in this area. Earthquakes do it,  
14 ground movement, grading, whatever. The fungus goes into  
15 the air and people get sick. And Valley Fever is a rather  
16 serious disease and cannot be easily treated or easily  
17 even detected.

18 So I think there needs to be a protocol in the DEIS  
19 that says the Valley Fever fungus will be tested for in  
20 all excavation sites on an ongoing basis.

21 Those are just extensions to my comments from  
22 yesterday. Thank you.

23 HAL HELSLEY: Hal Helsley, a interested party. I  
24 have real concern in that as you take and run these haul  
25 trips, your truck, I noticed, has tarps on it, but it's

1 still emitting dust. Are you taking and expanding the  
2 contaminated area to all of these haul routes by that  
3 movement of that material?

4 There are techniques that can be used to cap and  
5 cover, to seal the material there. We have materials you  
6 can add to soil that basically makes it a cement cover.  
7 And at that point it can be kept in location, and we don't  
8 have to contaminate other areas with the dust that is  
9 moving from the site.

10 If you follow some of those trucks on the roadways as  
11 they travel 60 miles an hour down, you're getting dust  
12 moving out of that haul bin. So I have concerns with  
13 that.

14 The other -- I had a tour of the area, and there was  
15 a national park personnel there looking at some of the  
16 stands. We have a piece of history here that is a  
17 scientific basis for one of the greatest accomplishments  
18 of man on Earth. And to take and to totally demolish  
19 that, where you don't have contaminants within the steel  
20 itself, I think this is something that should be preserved  
21 for our children in the future, just as we need to  
22 seriously preserve the materials that were left by the  
23 Chumash or the other Indians or maybe other parties in  
24 front of the Chumash. They may not be the only ones.  
25 They happen to have the voice at the moment and that

1 preservation needs to be taken seriously.

2 There's talk about demolishing, not on this site, but  
3 the Boeing current administrative building. I don't think  
4 it's in a contaminated zone. It seems to me it would make  
5 a very fine visitors center. It could save the public a  
6 great deal of money. Thank you.

7 JOHN LUKER: Hi there. Boy, where shall I start?  
8 John Luker. I'm a local resident and vice president of  
9 the Santa Susana Mountain Park Association, but I am not  
10 speaking for them at this particular time.

11 I've been involved in this for about eight years.  
12 I've been a troublemaker ever since I started, and it  
13 looks like I'm not going to stop within that capacity. I  
14 started reading the EIS, and about two pages into the  
15 executive summary I figured out what I was going to say.  
16 This DEIS is incredibly flawed. It needs to be sent back  
17 and redone completely. There needs to be more  
18 alternatives.

19 The biggest flaw is not NASA's fault. The reason why  
20 this EIS is the way it is, is because they have been  
21 compelled to do it by these AOCs and the political forces  
22 behind them. These AOCs put a remedy in front of  
23 deliberations for cleanup. You're supposed to look at  
24 alternatives, and the decision makers get a full range of  
25 idea so they can make an informed decision. And you're

1 supposed to come up with the remedy after you have looked  
2 at all the alternatives.

3 We have put the cart before the horse. The AOCs  
4 provide that remedy, and now we're looking at one  
5 alternative and this is just completely not sufficient.

6 I'm brought to the NASA IG report. On Page 10 they  
7 make three just incredible statements. NASA committed to  
8 an excessive and unnecessarily costly cleanup. Wow.  
9 \$120 million more than it really needs to be.

10 NASA's remediation plan commits the agency to a  
11 cleanup standard not based on risk to health. So we don't  
12 care how many people are getting cancer. All we want to  
13 do is meet that number. You know, less costly  
14 alternatives exist. You can get the same effect at less  
15 cost by not cleaning up to background.

16 Okay. Those -- this report details out a corrupt  
17 process where political and lobbying forces have gotten  
18 the upper hand. Now, this archaeology that I was talking  
19 about earlier is a prime example. I personally had  
20 conversations with Rick Brausch, Dan Hirsch, and members  
21 of the work group.

22 And they all assured me in 2010, before these  
23 documents were signed, that my archaeology was safe. All  
24 archaeology was protected under these agreements. And  
25 ever since that date, I've been trying to get DTSC to

1 clarify those statements and they have not. And now I'm  
2 finding out that it's actually pretty much the opposite of  
3 what Mr. Brausch and what Mr. Hirsch were telling me.

4 Mr. Brausch, in November of 2010 had a PowerPoint  
5 presentation. And I would urge DTSC to look at that  
6 again, because in that PowerPoint presentation he  
7 represented the AOCs as protecting archaeological  
8 artifacts/sites. And then when we found the AOCs, when  
9 they were finally submitted and approved, yeah, they took  
10 out the word "sites." It's not the way things are  
11 supposed to be done.

12 I believe that there's been a lot of  
13 misrepresentation about these AOCs. I believe that NASA's  
14 got to stand up and start pointing out how these things  
15 have been misrepresented. I think DTSC needs to come out  
16 and start making some clarifications on things. I think  
17 we've all got to sit down and look at the IG report.  
18 Everyone wants to ignore it. But just because you want to  
19 ignore it and you don't want to acknowledge it and NASA  
20 just doesn't want to touch the thing, doesn't mean that  
21 its conclusions are not true.

22 I've heard a lot of things from Committee to Bridge  
23 the Gap that are absolutely not true. And if you'd like  
24 to talk with me afterwards, I'll be more than happy to  
25 show you proof of that stuff. It's really bad when an

1 out-of-district special interest comes in here and foists  
2 its values on everybody else.

3 I would very much like you guys to look at reason.  
4 I'd like you to look at a reasonable cleanup level. And  
5 so far as the community goes, I think the vast majority of  
6 the community that I have talked to want two things:  
7 preservation of the site for habitat, cultural, and  
8 historic reasons, and a reasonable cleanup. Nobody  
9 doesn't want a cleanup. Nobody wants to clean this up to  
10 less standards than suburban residential.

11 The 2007 consent order is fully protective of human  
12 health and the environment, and I urge you guys to dump  
13 the AOCs in favor of the 2007 consent order. Thank you  
14 very much.

15 DAWN KOWALSKI: Hello. Dawn Kowalski, and I'm a long  
16 time hoper of a cleanup. I represent the Susana Knolls  
17 Homeowners' Association too, they're 500. I'm a Board  
18 member there. There are 500 homes in the community there.

19 Mr. Luker, I know, has done some incredible  
20 photography work for Boeing. I know he's very -- you  
21 know, talks a lot with Boeing. My main thing here is we  
22 need to clean up this site. And I say thank you, NASA.  
23 Thank you, DOE, signing the AOCs. They may be costly, but  
24 when it's all done and said and we get a beautiful park up  
25 there, because Boeing says they will do that and hopefully

1 you will hold off and give us the land for park.

2 We will have a wildlife corridor. We will have a  
3 beautiful park where we can all go with our children and  
4 grandchildren and not fear contamination. And that's why  
5 we need it cleaned up to background. We don't want things  
6 capped, because we want a beautiful park.

7 As far as the test stands are concerned, the shuttle  
8 came to L.A. It would be really meaningful to have those  
9 test stands down with the shuttle. They could be taken  
10 down and reconstructed there if deemed unpolluted, and I  
11 think that would be an absolutely great place for it. And  
12 then the museum can take the liability, because if it was  
13 left in a park we'll have, you know, very scary situations  
14 with children climbing with it, I'm sure. That would be  
15 the first thing I would have done as a kid.

16 As far as the trucks, the cleanup has been going on  
17 with Boeing for years. And I think if you talk to any  
18 Woolsey Canyon resident they could tell you that they've  
19 seen many, many trucks. We protested outside Rocketdyne  
20 when they were shipping mixed waste to Buttonwillow, and  
21 the trucks were coming out much faster than six an hour,  
22 let me tell you.

23 So also, when you do calculate, if you put the  
24 soil -- keep some of the soil and do in situ, it would  
25 seem that that would reduce your trucks. I think you said

1 to 34 in a day rather than 50 something if I remember  
2 rightly.

3 As far as the archaeological site, I, too, believe  
4 that the AOCs will provide you some discretion and not  
5 rummaging through sites. Also, I'm pretty sure that there  
6 is a Native American expert that is present during all of  
7 the demolition, so I'm sure that you will be well guided  
8 in that area. And I'm sure when you went before to build  
9 your buildings and do your test stands that you probably  
10 disturbed a hell of a lot of stuff then, which is  
11 unfortunate, but I'm sure that there's been a lot of  
12 damage already done on site, to the Native American site.

13 Off-site contamination. Well, we know we have  
14 off-site contamination. Not all yours, because some of  
15 it's radiological contamination off site. We have -- Sage  
16 Ranch has TC. That's probably yours. Brandeis has  
17 radioactive and chemical contamination from the fallout  
18 that went down there. That was probably part yours.  
19 Boeing did buy it back as a buffer zone, so maybe that's  
20 now -- it's on site, but it was off site.

21 The Simi Valley wells have perchlorate, so that's  
22 rocket testing. So we assume that could well be you. And  
23 Runkle Ranch has strontium, so that probably isn't you.

24 Environmental justice. That was an interesting quote  
25 you had there, because you mentioned children and trucks.

1 You didn't mention children with retinal blastoma, cancer  
2 of the eyes. They can never see. You know, there are  
3 other problems other than the trucks, and we who live  
4 directly below the site in our community, we are concerned  
5 with the wind blowing, with the contamination that comes  
6 off site. There are some people who come and they talk  
7 very, very cleverly to you, and they're much more learned  
8 than I am, but they don't live -- they might live in  
9 Encino or whatever. They're not directly under you where  
10 we are.

11 The water that comes down Black Canyon runs right  
12 through neighbors' houses. The water that comes through  
13 my yard comes off the mountain. I'm a cancer survivor.  
14 I'm not blaming anyone. I don't know where I got my  
15 cancer from, breast cancer. It's gone now, 19 years gone.  
16 Hooray. But, you know, there are a lot of people in the  
17 community who suffer from cancer, and they don't know  
18 either. No one can go after anyone for cancer. It just  
19 happens. But let's make sure that other people don't have  
20 to go through it, because believe me, when you get that  
21 diagnosis, and I'm sure there are many people in this room  
22 who have had it, you feel like a fricking semi's hit you  
23 and run you over. So let me tell you that.

24 So I think that's kind of about all I can say. You  
25 know, I just hope that you continue strong, clean up your

1 site. I commend you for staying with the AOCs, and please  
2 continue to the end. I know there are other people who  
3 have different opinions, but you have signed it, and I say  
4 hooray for you for doing that. And I'm looking forward to  
5 a clean site. Thank you.

6 JACQUIE YOUNG: Hi. I'm Jacquie Young, and I am with  
7 the West Hills Neighborhood Council, was elected as a  
8 Board member. And I'm speaking as a stakeholder in this  
9 area. I am from West Hills, and I don't want to  
10 misconstrue that.

11 My major concern is that, as far as I'm concerned,  
12 there are no alternatives given except to come down and go  
13 through communities that did not create this mess and  
14 they're stuck with it. And I don't think that's fair.

15 I don't know what the fair solution is, but I thought  
16 when we were studying alternatives we were really studying  
17 alternatives. And now, the only alternative seems to be  
18 trucks. And I don't find that an acceptable alternative.  
19 I don't find it acceptable because I think it wasn't --  
20 contamination wasn't created in Los Angeles County. It  
21 was created in Ventura County, and therefore it should be  
22 not in Los Angeles County where you're taking your trucks.

23 I think your trucks should replace any wear and tear  
24 on roads caused by the trucks. And I think the trucks are  
25 going to be a quagmire. I really do. I am concerned

1 about the traffic. I'm concerned about the senior  
2 facilities and the schools and the hospitals that are in  
3 the way of this traffic.

4 And I think -- I know that West Hills Hospital has  
5 not been concerned -- or not been contacted about what  
6 happens if there's a big spill or what happens if there's  
7 a big accident. Who's -- I'm concerned as a West Hills  
8 Neighborhood Council person that somebody's going to go,  
9 well, not my job. Not my job. Not my job. Well, who is  
10 responsible for the traffic that you're creating? Who is  
11 going to handle any kind of problems that -- out of how  
12 many trucks? Don't tell me there's going to be no  
13 accidents, no human error at all.

14 And I don't think there's even been a safety plan  
15 constructed. There has been one for on site, but how  
16 about off site? Don't we deserve a safety plan? And  
17 while we're talking about safety, how about risk to those  
18 people in the community that you're driving these trucks  
19 through? How about the Woolsey Canyon people and every  
20 place along Roscoe where people are going to be -- have  
21 possible risk? And if none of this dirt is contaminated,  
22 why are we taking it all out? I don't get that part at  
23 all.

24 So I'm saying that I don't think there are reasonable  
25 alternatives and it's a -- and one of the alternatives

1 should not be trucks down the mountainside. I think we  
2 need to look at the other alternatives that were suggested  
3 and look at them closely, and the EIS should have come up  
4 with that too.

5 I think it's very arbitrary to say 2017 when we've  
6 been dealing with this problem forever. And all of a  
7 sudden, oh, it's got to be done by X. I don't think it's  
8 got to be done by X. I don't think that's one of the  
9 alternatives that should have been chosen. Let me put it  
10 that way.

11 And I also think that we have a situation where we  
12 need money to back up if there's any kind of a problem  
13 with these trucks. We need money to -- some kind of a  
14 fund to be created, whether it's through insurance or  
15 through the City of Los Angeles or what. There needs to  
16 be a fund created to help people if they should have a  
17 problem. And I think that they should -- there is a risk  
18 to public health, and that should be evaluated. That  
19 should be part of the alternatives. Thank you very much.

20 HOLLY HUFF: Hi. My name's Holly Huff, and I'm here  
21 as a very concerned neighbor. I live in Simi Valley right  
22 now. I live on Black Canyon Road, which is the only road  
23 from Ventura County side that you can get to Rocketdyne.  
24 I've lived there for 41 years, and I became very involved  
25 in 1989 when they got busted and it all came out, and I've

1 been completely involved ever since.

2 And one of the goals -- the last goal that we had, we  
3 started the Rocketdyne Cleanup Coalition right at the  
4 beginning of 1989 when this first came up. And it was to  
5 stop the nuclear work, to get the health study done, and  
6 to get the place clean. So we got the first two done, and  
7 now we're trying to work for the rest of our lives to get  
8 the place clean.

9 But you guys did sign the AOCs, to my shock, to tell  
10 you the truth. When you guys were so -- everybody was so  
11 nuts about SB 990 being so bad, and then you guys all  
12 signed the AOCs. And it wasn't even us that made you --  
13 you know. It's very surprising. But you did.

14 And -- so anyway, I just wanted to say that, you  
15 know, prior to living over in the Knolls for 41 years, I  
16 moved to Chatsworth Lake, the neighborhood on the other  
17 side. And I moved in 1959. I moved in the month before  
18 the partial meltdown, and at that time Lake Manor, Plummer  
19 was the only road from L.A. County side to get up to the  
20 hill. So we got every bit of L.A. traffic. Cars --  
21 thousands of them.

22 I mean, somebody must know how many employees were up  
23 there at their heyday. There were thousands of employees.  
24 And trucks. And bringing up giant rocket engines that  
25 would take them the whole entire day to get it up Woolsey

1 Canyon. We stood on the -- we just sat -- stood out there  
2 getting our bus, you know, with all these trucks and  
3 everything that were going on in the '60s. Thousands of  
4 them.

5 So I mean, I feel sorry for everybody that's got a  
6 problem with the traffic, but it isn't new. There's been  
7 traffic because of that hill since the '40s.

8 So anyway, I think that your presentation was a  
9 little misleading. I think that, you know, you're worried  
10 about air quality now and damaging the road? Potholes?  
11 Emissions from the cars? I mean, this is a true concern,  
12 but I have to laugh with all the things that have been  
13 going on up there for the last 60 years. You're trying to  
14 please other people that don't know the history as much as  
15 I think I do.

16 You know, the children. The children's safety.  
17 Well, kids aren't going to be playing out in the street.  
18 And then everybody's concerned about the dust coming out  
19 of the trucks. Now, I am too. Are they -- is this a real  
20 problem? They're not sealed up? You're just throwing a  
21 tarp over the dirt and going down the freeway? You can't  
22 answer that; right?

23 Okay. Well, anyway, that's absurd. I mean, you  
24 know, I was thinking you just need like a big Tupperware  
25 truck. Just snap the lid on, you know. It's ridiculous.

1 I grew up at the lake. I moved to the Knolls. I  
2 grew flowers up at Sage Ranch for eight years right where  
3 the big lead contamination was all gutted. And in 2009 I  
4 was diagnosed with leukemia. I can't say that I got it  
5 from the site, but I happened to be there for everything.  
6 So I think I did.

7 The health issue's big to me, obviously. I don't  
8 even know if I'm going to carry some gene on to my  
9 grandchildren. So it's a very big concern to me. And it  
10 might be stuff that happened in the past, but the dirt's  
11 still up there. We know it is. I mean, we've seen places  
12 that have already been cleaned three times and it's still  
13 dirty. So we know it's dirty.

14 So my bottom line is that I want to see the best damn  
15 cleanup we can have and get. And I don't want the Indian  
16 artifacts ruined, and I don't want the oak trees touched.  
17 But I do want it clean. And if you could save a test  
18 stand and it would be clean, that would be great. But  
19 clean's No. 1 to me. And a park would be nice, but I  
20 would much rather just see a wildlife corridor personally.

21 So anyway, that's all I have. Thank you.

22 CHRIS ROWE: Chris Rowe again. I think that what I'd  
23 like to see is a picture. Yes, we know there were  
24 activities at Santa Susana. Today we're addressing NASA,  
25 but of course the United States Air Force occupied that

1 property and a lot of the TCE that went into the ground  
2 went under their auspices.

3 We need to look at the site. What were the  
4 activities there? What was released there 50 years ago?  
5 But in reality, what is there today? I think it needs --  
6 the picture needs to be painted better. For example, in  
7 2005 we had a major fire. Burned about 70 percent of the  
8 site. So you have a lot of dioxins and these types of  
9 chemicals there. But a lot of those chemicals have had to  
10 be remediated under ISRA.

11 And so what people have failed to see is -- we all  
12 have been told, people that are actively engaged, that  
13 Boeing, for example, were going to try to have all their  
14 structures removed by the end of this year. We know that  
15 there were a lot of violations of the NPDES permit around  
16 2005, 2006. Some of those from site activities, some  
17 probably from the burn.

18 But now we're under drought conditions. We just got  
19 the second quarter report for this year. I don't think  
20 that they actually even did any sampling water because  
21 there was no water second quarter for them to sample.

22 So when people refer to these surface water runoff  
23 reports and things, we have to put them in perspective of  
24 what's been happening in the past few years. There has  
25 been a reduced number of violations.

1 I think that a lot of people -- this is a volume of  
2 information. And it needs to be simplified. I know  
3 there's executive summaries. But there's so much needed  
4 in the appendices. I really think that I'd like to see  
5 NASA come back. I'd like to see NASA come back with all  
6 the alternatives. I know many people want to clean up to  
7 the suburban residential standard with the end use being  
8 parkland.

9 And -- but we still need to look at all that because  
10 we aren't just looking at NASA's trucks. We are looking  
11 at all the trucks. And again, yesterday it was brought  
12 up, where are you going to get the back soil off site that  
13 meets the AOC requirements?

14 In terms of the health studies, people refer to the  
15 UCLA study on former employees. But there's a better  
16 study done by Boeing-United Auto Workers that looks at the  
17 history of that employee, from prior to working for  
18 Atomics International and after their work, done by  
19 Dr. Boyce, and it's much more comprehensive. And it  
20 doesn't show the same types of level of cancers and  
21 correlations that the UCLA study does show.

22 A third of us will get cancer at some time in our  
23 life. We know that as a fact. But just because someone  
24 has gotten cancer it doesn't mean that they got it from  
25 the site. I am not saying that someone didn't get it from

1 the site. I'm just saying that it's not possible to prove  
2 it.

3 But I think that we do, as I said earlier, need to  
4 look at the health studies and -- but we need to look at  
5 the site status today and the impact of the work that  
6 you're proposing under the AOCs, and I would like to see  
7 the AOCs renegotiated. Thank you.

8 BRIAN CARDOZA: Yes, good evening. My name is Brian  
9 Cardoza. I'm an attorney and resident of Bell Canyon.  
10 I'm kind of recent to these procedures, and I'm just now  
11 trying to get up to date on all that you've done.

12 And No. 1, I'd like to thank NASA for at least  
13 showing some interest in doing something at the site. But  
14 I do feel that there's an issue that has been overlooked.  
15 And in reviewing the EIR, I find fundamental flaws in  
16 terms of the limitations and the scope and the breadth of  
17 this particular project. And I want to shift a little  
18 attention away from the health concerns onto the  
19 environmental concerns.

20 As a resident of Bell Canyon, we are the neighbors to  
21 the south of this particular location. We do not appear  
22 to have been considered dually in terms of the  
23 environmental impacts of this project. There's a lot of  
24 discussion about what is taking place, what are the  
25 impacts within the NASA-administrated areas of project

1 site; however, these impacts are going to go well beyond  
2 the borders of this site and will affect the neighboring  
3 communities surrounding this particular site.

4 We are already -- we believe we are already feeling  
5 the effects of some of the water treatment activities that  
6 are taking place on the site. In reviewing the EIR, it  
7 notes that there are current pumping and treating  
8 groundwater activities that are taking place as we speak.  
9 It is further acknowledged that moderate negative local  
10 and long-term impacts on surface and groundwater quality  
11 are going to result from these activities.

12 Well, the question is, it's not enough to identify  
13 potential impacts, what are those impacts? What are we  
14 doing to understand? What are the long-term impacts of  
15 these activities?

16 We also recognize by the EIR, it's apparently  
17 admitted, that there can be changes to surface hydrology.  
18 Well, as a downstream owner of property of this site, what  
19 specifically will be the downstream change to hydrology,  
20 or the hydrological changes that can occur here?

21 I don't think that this report goes into any detail  
22 in terms of what are the impacts of that hydrological  
23 change. And we all know from California code and water  
24 law that if you alter the water hydrology and the flow of  
25 water, it can create major problems, major liabilities for

1 upstream owners. So there's a responsibility legally to  
2 make sure that you're not altering the flow and the  
3 content of water forces that could affect downstream  
4 owners.

5 Also, and I think it's critical in this EIR to  
6 understand the effect of the downstream owners because if  
7 you go beyond the boundaries of this location, you will  
8 understand and learn that we -- Bell Canyon has what I  
9 would call a vast and rich heritage in its natural  
10 resources.

11 The Chumash Indians cherished the Bell Creek that  
12 exists on that location. If it is dried up, if it is  
13 altered, if it is contaminated, you are ruining an  
14 environmentally sensitive area, of which there can be no  
15 remedy or recourse in the future. We have species of  
16 animals that will never return. We have birds that will  
17 never return, plant species.

18 So this Environmental Impact Study should address  
19 those long-term impacts on the neighboring communities,  
20 particularly Bell Canyon.

21 I further would comment that the report states that  
22 there is no critical habitat within the NASA-administered  
23 area of the project site. Well, whether or not that's  
24 true, I don't know; however, wouldn't it be relevant, to  
25 consider to the extent your activities are affecting

1 habitats downstream, whether there are critical habitats  
2 which you need to be cognizant of when you're performing  
3 these activities?

4 So I would submit that until there are valid, viable,  
5 and complete studies on the effects of the downstream  
6 property owners adjacent to this site that this EIR needs  
7 to be modified and address those concerns. Thank you.

8 (Next comment omitted at the request of the speaker.)

9 CARLA BOLLINGER: Carla Bollinger. I'm a member of  
10 the Santa Susana Mountain Park Association, participated  
11 in the public participation group, and I'm a resident of  
12 Woolsey Canyon.

13 A few years back we had a problem with someone  
14 illegally dumping and having dump trucks all day long up  
15 and down Woolsey Canyon. If you don't think that affects  
16 the area, you better think twice. It's serious. And I  
17 also ask this crowd, and NASA and everyone involved in  
18 this room with this process, to think about the immoral  
19 act of taking our dirt and dumping it on Kettleman or  
20 Buttonwood or any other place that's very poverty  
21 stricken. Why should we think it's okay to do that? It's  
22 immoral.

23 I think the best thing to do is to continue on with  
24 the remedial technological processes of cleaning it up,  
25 minimize whatever has to be moved, and I don't know if you

1 even know if you have all this worked out. Where are you  
2 going to move with all the 80,000 trucks? And thank you.  
3 I have other things, but I'll let this go.

4 CHRIS ROWE: Chris Rowe. I just want to state that I  
5 have personal communication with both the epidemiologist  
6 who did the retinal blastoma studies and with Dr.  
7 Morgenstern, who addressed them at the SSFL work group,  
8 that there is no way to correlate that illness with the  
9 Santa Susana Field Lab, yet alone do causation.

10 And so while I feel terrible for the parents and the  
11 children that have this tremendous illness, we cannot  
12 allow people who do not have the credentials to make these  
13 kinds of statements. So we need epidemiologists to be the  
14 ones who address them. Thank you.

15 (End of Public Comment Period.)

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I, LEE MILLER, AAERT CERT No. 417, do hereby certify:

That the foregoing NASA public comment meeting was taken before me at the time and place therein set forth; that the meeting audio was digitally recorded by me; and that the meeting was transcribed by me.

I further certify that I am neither counsel for nor related to any party to said meeting nor in any way interested in the outcome thereof.

IN WITNESS WHEREOF, I have hereunto subscribed my name this 11th day of September, 2013.

\_\_\_\_\_  
LEE MILLER, AAERT CERT-417

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