

IN RE: PUBLIC COMMENT PERIOD
Scoping Meeting on 09/02/2020

1 In Re: Public Comment Period

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3

4 SCOPING MEETING COMMENT PERIOD

5 DATE OF RECORDING: SEPTEMBER 2, 2020

6

7 PERSONS RECORDED:

8 Jacqueline Boltz

9 Fana Gebeyehu-Houston

10 Marylia Kelley

11 Jonathan Oldfather

12 Patrice Sutton

13 Loulena Miles

14 Carl Anderson

15 Scott Yundt

16 Robert Gould

17 Charles Marker

18 Tina Darmohray

19 Inga Olson

20 Phyllis McDonald

21 Grant Bakewell

22

23

24

25

1 MS. BOLTZ: As we mentioned, now we will move into the
2 public comment portion of our meeting, which is being
3 recorded. I will now read into the record, for verbatim
4 transcription, my introductory remarks for the Scoping
5 Meeting.

6 This portion of our meeting is officially designated as
7 a Scoping Meeting for the Site-Wide Environmental Impact
8 Statement for Lawrence Livermore National Laboratory. This
9 meeting is being held online and on the telephone on
10 September 2, 2020, using Webex. It is being held to receive
11 oral comments on the scope of the Lawrence Livermore
12 National Laboratory SWEIS. There will be no exchange of
13 questions and answers. We are commencing the public comment
14 portion of this meeting at 9:29 p.m. -- I'm sorry; 6:29
15 p.m., and are scheduled to adjourn at 8:00 o'clock p.m.
16 Pacific Time.

17 Each speaker will have up to 3 minutes in order to
18 maximize the number of people that have the opportunity to
19 provide oral comments. This comment period was preceded by
20 a presentation by NNSA's SWEIS Document Manager Ms. Fana
21 Houston. She will also represent the NNSA in listening to
22 and accepting your comments.

23 For the record, my name is Jacqueline Boltz. I've been
24 asked by the NNSA to serve as the moderator for this
25 meeting. As previously mentioned, this portion of the

1 meeting is being recorded, and the recording will be used to
2 produce a verbatim transcript of oral comments received
3 tonight. The transcript will be included in the NNSA's
4 record of these proceedings and in the draft SWEIS.

5 As a reminder, if you're using Webex and would like to
6 make a comment, please use the Raise Hand function to join
7 the list of speakers. If joining the meeting by phone, you
8 can dial star 3 to raise your hand and also to unraise your
9 hand. To maintain your place on the list, please leave your
10 hand raised until you have made your comment. If you are
11 having technical difficulties, you can call Webex technical
12 support at 1-866-779-3239 or enter a question in the Q&A box
13 for the Webex producer to provide assistance. Please note
14 comments cannot be submitted via the Q&A box.

15 We'll now begin the formal comment period, which is your
16 opportunity to provide a statement on the scope of the
17 SWEIS. I will recognize speakers in order and will try to
18 identify 3 speakers at a time -- the current speaker and the
19 next 2 -- so that you'll have some warning before you are to
20 speak. When it's your turn to speak, I will unmute your
21 line and you will hear a beep, and you can begin speaking.
22 Please state and spell your name and affiliation, if
23 appropriate. If you have a written copy of your comments or
24 written document you'd like to submit, send it in via e-mail
25 or postal mail using the addresses that have been provided

1 and will be provided later in the presentation or in the
2 meeting. Each comment will be considered equally by the
3 NNSA. You may submit comments by e-mail or U.S. mail any
4 time until the close of the comment period on October 6,
5 2020. There is no limitation on the number or length of
6 comments an individual may submit. Please remember the time
7 limits of 3 minutes per speaker and focus your comments on
8 the scope of the SWEIS. When you have 30 seconds remaining,
9 I will signal to you to summarize your comments as quickly
10 as possible.

11 So let me take a look at our list. We have our first
12 speakers. Carl Anderson will be the first speaker who will
13 be followed by Marylia Kelley and then Jonathan Oldfather.
14 So, let me just -- give me one moment. And I will unmute
15 Mr. Anderson -- Mr. Anderson? If you do have a headset with
16 a mute on it, you may need to unmute yourself. Mr.
17 Anderson, I'm going to unmute your microphone again. If
18 you're not --- if you would not like to make a comment right
19 now, you can unraise your hand by clicking the hand button.
20 Mr. Anderson?

21 Okay. All right. We'll move to our next speaker,
22 Marylia Kelley, who will be followed by Jonathan Oldfather
23 and then Patrice Sutton. Marylia Kelley?

24 MS. KELLEY: Yes. I'm Marylia Kelley. M-a-r-y-l-i-a K-
25 e-l-l-e-y, Livermore resident and Executive Director at Tri-

1 Valley CAREs. We will provide additional written comment.
2 I appreciate the 15-day extension, but I'm still commenting
3 under protest because the public comment period is still too
4 short. It should be extended 120 days from the notice.
5 This public meeting falls too soon after its announcement on
6 the NNSA website, and it is too poorly and tardily noticed
7 in the local media to meet the standard for "encouraging
8 public involvement" that's stated in the NNSA Federal
9 Register notice. And I do ask that a second public meeting
10 on scoping be held during an extended -- further extended
11 public comment period.

12 I'm going to focus my spoken remarks on the following
13 section in the Federal Register notice. "Proposed changes
14 are expected to include changes to material risk,
15 administrative limits and radiological bounding accident
16 scenarios." In the context of the National Environmental
17 Policy Act, a site will do analysis when they are raising
18 limits in one way or another for how much weapons-grade
19 plutonium, for example, can be used, handled, experimented
20 with or stored onsite. So, I noticed in the presentation
21 that it was said that you decreased plutonium limits or
22 planning to decrease plutonium limits from the Superblock.

23 As I understood in context, that's from the 2005 SWEIS
24 limits. Those limits were extremely high. At that time,
25 Livermore had enough plutonium on site for about 300 nuclear

1 weapons. And that limit was effectively changed when
2 Livermore massively failed the security force-on-force drill
3 and lost its Category I, II special nuclear material status
4 and only has Category III status. So, it is at least
5 exceedingly unclear whether you are seeking to raise the
6 limit from what it is currently operationally. And I would
7 suggest that the way that this was stated leaves that open
8 and suggests that that is the intention.

9 So, a significant answer to the question of why now can
10 be found in the final supplement analysis for plutonium pit
11 production of the Los Alamos Lab in New Mexico, which was
12 publicly released today. On page 21 of the final SA, you'll
13 find a chart that states that the Los Alamos Lab will be
14 shipping plutonium to Livermore Lab for "material testing"
15 as an integral...

16 MS. BOLTZ: 30 seconds, please.

17 MS. KELLEY: Oh, no way. Of its pit production. So,
18 this suggests that it's going to be raised. I'll just make
19 the legal point here, which is that the proposed action to
20 raise plutonium limits, which -- or change plutonium limits,
21 which is central to the SWEIS under the law, is a connected
22 action to the various NEPA processes that NNSA has underway
23 to support plutonium pit production. So, that crosswalk and
24 the definition of material testing must be clearly defined
25 in the SWEIS. And the Federal Register Notice of August 5th

1 must be updated, it's deficient as its section on
2 relationship to existing and other NEPA analysis doesn't
3 include any mention of the LLNL pit production supplement
4 analysis that plans for...

5 MS. BOLTZ: If you could please wrap up your comments.

6 MS. KELLEY: -- and therefore relies upon Livermore Lab
7 doing material testing to support LLNL's program of record.
8 So, I will submit more in writing, but there are some very
9 serious questions of the plutonium limits that are being
10 proposed, the buildings that are involved, whether the
11 shake-and-bake facility in Building 334 is involved in
12 materials testing and...

13 MS. BOLTZ: Thank you. Thank you. You're 4 minutes
14 now. We need to move on --

15 MS. KELLEY: -- and more. Thank you.

16 MS. BOLTZ: Thank you. Our next speaker is Jonathan
17 Oldfather, who will be followed by Patrice Sutton, and then
18 Loulena. Mr. Oldfather?

19 MR. OLDFATHER: Yes. Can you hear me?

20 MS. BOLTZ: Yes.

21 MR. OLDFATHER: Okay. My comments will be short. I
22 appreciate you having this meeting, but I think that the way
23 you set it up with the short comment period is particularly
24 unfair. And I think it's really a shame. First off, I want
25 to make sure that you break no laws in what you're doing.

1 And the U.N. non-proliferation treaty signers, which
2 includes the U.S. of course, quote, "Declare their intention
3 to achieve at the earliest possible date the cessation of
4 the nuclear arms race and to undertake effective measures in
5 the direction of nuclear disarmament." New weapon
6 development is incompatible with these goals and the intent
7 of the nonproliferation treaty. A scope of this EIS should
8 include the alternative of no development of any new nuclear
9 weapons systems. The cessation of all work on new nuclear
10 weapons system design and development should be considered.

11 Plutonium experiments at the Lawrence Livermore site and
12 Site 300 that are not directly related to the determination
13 of the viability of nuclear weapons currently in the arsenal
14 should stop because they violate the NPT. The scope should
15 also include whether plutonium experiments should cease at
16 the NIF facility, as they result in contamination and
17 releases. And if they are intended to facilitate
18 development of the new nuclear weapons systems, they violate
19 the NPT.

20 The notice of intent states there exists 55 new facility
21 construction projects and 65 discrete projects. Each of
22 these projects should be subject to the criteria. Does it
23 involve a new nuclear weapons system or is it solely for the
24 stewardship of the existing nuclear arsenal. All projects
25 that succeed in the narrowest sense the stockpile

1 stewardship role of the lab should not proceed as they
2 violate the NPT and are unlawful. The second point I'd like
3 to make is to minimize hazards and do no harm. All research
4 using plutonium at the lab and Site 300 is too dangerous,
5 especially in light of past security and safety failures at
6 these facilities for the highly populated areas where these
7 facilities exist. The scope of the SWEIS should include the
8 alternative of moving, when possible, these activities to a
9 less populated area.

10 MS. BOLTZ: You have 30 seconds.

11 MR. OLDFATHER: The scope of the EIS should include
12 lowering the threshold for the release of plutonium and
13 tritium during operations at LNL and Site 300 by an order
14 of magnitude in order to protect the citizens of the Bay
15 Area and the rest of California. Increase your funding for
16 environmental remediation and safeguards to protect local
17 people and work on non-proliferation, which is one task that
18 I see that you are having your -- on what the lab spends
19 money on, but most of it is for nuclear weapons. And I
20 don't know how much of that because it's classified as new
21 nuclear weapons systems, but I think they're wrong.

22 MS. BOLTZ: Okay.

23 MR. OLDFATHER: Let me stop.

24 MS. BOLTZ: Thank you for your comment. Our next
25 speaker is Patrice Sutton, followed by Loulena, and then

1 Scott Yundt. And as a reminder, once you've made your
2 comment, you can click the hand button to unraise your
3 hands. Thank you. Patrice Sutton?

4 MS. SUTTON: Hi. I'm Patrice Sutton. I'm a public
5 health professional and I'm chair of the Environmental
6 Health Committee at San Francisco Bay Physicians for Social
7 Responsibility. And my comments are on behalf of SF Bay
8 PSR.

9 So I have two issues. I want to talk about the process,
10 which has already been addressed, and I want to talk about
11 public health. The process is woefully short. I'm giving
12 these comments under duress in the sense that really the
13 process that you've created is not really compatible with
14 the import of what you're doing with the SWEIS in terms of
15 public health. And there is a great need to extend the
16 public comment period to accommodate, to be commensurate
17 with the import of what you're doing.

18 My second concern is the public health harms that are
19 unaddressed by the scope of the SWEIS. So, there is a long
20 history documenting the immense threat that nuclear weapons
21 pose to public health and human existence. The American
22 Public Health Association, the World Health Organization are
23 just two of the many voices of public health professionals
24 who determined it is not possible for a country to win or
25 survive a nuclear war or that such an -- that such a war

1 would kill millions of people, both directly and indirectly,
2 and such a war cannot be limited geographically. Scientists
3 have modeled the potential conflict involving no more than a
4 few hundred nuclear weapons, similar to the size used in
5 Hiroshima, and the resulting global environmental damage
6 would threaten the food supply and lead to mass starvation
7 worldwide.

8 The U.S. has over 40,000 hazardous waste sites for
9 nuclear weapons waste and the cleanup cost so far is 41.1
10 billion. And basically these are timeless exposures given
11 the long-lived nature of this. So, the current SWEIS is
12 willfully blind to this history, ignores the unmet needs of
13 this legacy of environmental destruction, and it
14 extinguishes the immense harm to the public health that's
15 implicit of -- into the mission of the lab from public
16 review and comment.

17 Specifically, as you already mentioned in your
18 presentation, you basically are -- had this concern about
19 the aging infrastructure and historical under-funding, and
20 you preclude alternatives that would actually -- that you
21 say you will not consider reasonable -- you -- what -- it is
22 an unreasonable alternative to consider the complete closure
23 and decontamination and decommissioning of Livermore Site
24 300. You may think it is unreasonable, yet this is really
25 the only alternative that is consistent with human health

1 and survival. And as health professionals, we strongly
2 state our concern that precluding life and health-affirming
3 alternative analyses from the scope of the EIS is
4 antithetical to the purpose of NEPA.

5 Further, you talk about how the infrastructure is
6 historically underfunded. This is so inconsistent with the
7 historical record. The U.S. spent between 1945 and 1996 5.5
8 trillion on nuclear weapons and related programs. The
9 expenditure exceeded all other categories of government
10 spending during this period, except for the nonnuclear
11 national defense and social security. According to the U.S.
12 Congressional Budget Office, the U.S. plans to spend an
13 estimated 1.2 trillion on..

14 MS. BOLTZ: You have 30 seconds, please.

15 MS. SUTTON: So, okay. So, all of that money. So,
16 first of all, the SWEIS is wrong in what it's saying about
17 funding. And secondly, that money could go to public health
18 and real needs of people. You could address major
19 deficiencies in the U.S. and global public health
20 infrastructure, access to healthcare. COVID has revealed
21 all of these problems with our society. And so, we request
22 that the SWEIS provide the basis inclusion for under-funded
23 in the name of transparency. And we, in summary, feel the
24 intellectual underpinnings of the SWEIS are what is
25 antiquated, and we ask that the scoping of the SWEIS be

1 afforded due public process, that it permit real alternative
2 visions consistent with the reality and history of what
3 nuclear weapons have brought in terms of health and human
4 suffering. And alternatives, allow alternatives to national
5 security...

6 MS. BOLTZ: If you could wrap up your comments, please?

7 MS. SUTTON: And provide alternatives to national
8 security, allow that, that are based on the real needs of
9 the people you serve. Thank you.

10 MS. BOLTZ: Thank you for your comment. Our next
11 speaker will be Loulena, followed by Scott Yundt, and we'll
12 go back to Carl Anderson. Loulena?

13 MS. MILES: Can you hear me?

14 MS. BOLTZ: Yes, go ahead.

15 MS. MILES: Okay. Thank you. And my name is Loulena
16 Miles. And I live within the affected environment, the 50-
17 mile radius of Livermore Lab. And so, I have several points
18 tonight. One of them is that I believe the SWEIS should
19 consider an alternative where there is no plutonium at
20 Livermore Lab. I also think there should be a study of a
21 lab that is a green lab, that does not have any weapons
22 development capabilities on site. And two, there should be
23 a serious look at the complex, the Department of Energy
24 complex and see where there is redundancy, because Livermore
25 Lab has a lot of redundancy that is expensive and

1 unnecessary. And as is obvious by looking at Maps, Google
2 Maps, you can see that the Livermore Lab has the public
3 housing community right up to the edge of the laboratory,
4 and it is no place for nuclear radioactive materials or this
5 type of work.

6 So, the dangers are just too great. It's too hard to
7 defend. It's too expensive. This has all already been
8 hashed out in lots of documents that are public records put
9 out by the lab when the plutonium amounts were lowered. And
10 so, that all should be looked at very seriously in the SWEIS
11 as to whether any nuclear materials, special nuclear
12 materials should be allowed at the lab. Also, the SWEIS
13 should look at closing Site 300.

14 That high-explosive testing range is right next to the
15 Tracy Hills development. The population has just exploded
16 in that area. There are people who are just trying to, you
17 know, have housing. They could barely afford to live in the
18 Bay Area otherwise, so the urban sprawl has extended. And
19 that is no place to have open-air testing with radioactive
20 materials, depleted uranium, tritium. And so, the SWEIS
21 really needs to study whether that should -- whether they
22 can close Site 300 and look at where there is redundancy
23 within the complex. The Public Comment Period should
24 absolutely be extended. Thank you for the small extension,
25 but really at least 30 more days for a total of 45 days. We

1 have been battling wildfires in addition to COVID, and Site
2 300 itself had to be evacuated during this time, those
3 communities surrounding Livermore Lab. And then, Tracy have
4 been affected directly by these wildfires, and this is the
5 last thing on their mind. And so, really, I believe that
6 the study shouldn't even occur until the coronavirus
7 emergency is over and people can actually think and comment
8 on these things. And ---

9 MS. BOLTZ: You have 30 seconds.

10 MS. MILES: Okay. There should be more effort made to
11 notify the public that the lab has said, in many documents,
12 that 50-mile radius that's the affected community, the
13 affected environment, so people within a 50. There needs to
14 be more efforts made. And so, I'd like to see in the record
15 how much -- what efforts have been made, and I'd like more
16 efforts be made to notify the public so that they can
17 participate in these hearings, and ideally after the COVID
18 emergency is over.

19 Finally, I want to note that I object to the concept
20 that this is stewardship, that nuclear weapons are for
21 defensive matters when really the United States has been,
22 for many years, now pushing the envelope on nuclear weapons
23 design and development, and that is also feeding into a
24 global nuclear arms race. And it's illegal, and
25 illegitimate, and it's immoral, and it threatens all life on

1 earth. So, thank you for taking the time to hear my
2 comment, and I hope we can also have one additional public
3 hearing before the scoping period is over.

4 MS. BOLTZ: Thank you for your comment. The next
5 speaker is Scott Yundt, followed by Carl Anderson, and then
6 Robert Gould and Charles Marker. And if you're calling in
7 on the phone and would like to make a comment, you can dial
8 star three to raise your hand. Scott Yundt is next.

9 MR. YUNDT: Hi, can you hear me?

10 MS. BOLTZ: Yes. Go ahead.

11 MR. YUNDT: Hi. First, I wanted to ask the agency and
12 echo the previous comments requesting an extension to the
13 public comment period on the scoping process. I think a
14 total of 120 days during a pandemic, wildfire season,
15 election season is more than reasonable, and would put us at
16 an extension of to until early December. So, I would -- I
17 respectfully request that.

18 Next, though I'm pleased that this process is taking
19 place and believe it's long overdue, I also wish to point
20 out the poor timing given the upcoming election. As was
21 said in the presentation from the agency, this process and
22 the potential projects that are being proposed are based on
23 the 2018 nuclear posture review that was issued by the
24 current administration. However, if a new administration
25 takes over in January 2021, then this -- these proposals and

1 therefore this document could be made moot by the new
2 administration's nuclear posture review. So, thus I suggest
3 that the NNSA postpone this process by at least a year till
4 2021 when there will be a new nuclear posture review from a
5 new -- a new administration potentially. To do otherwise
6 could be a massive waste of taxpayer and -- time and the
7 public's time and the agency's time.

8 Next, I just wanted to mention that the notice of intent
9 notes that the proposed operational changes are going to
10 include a change to the material at-risk administrative
11 limits and radiological bounding accident scenarios. I want
12 to echo Marylia Kelley's comment to say that seeing a change
13 is very vague. What kind of change? An increase or
14 decrease? It makes it very hard for the public to
15 contemplate the scoping document and what the potential
16 issues in the EIS could be. They would be totally opposite
17 if it was to decrease the material at risk and the
18 administrative limits rather than to increase them.

19 So, please make that clear in a revised notice of
20 intent. And that should also result in an expanded public
21 comment period. The EIS must specify how, if it is an
22 increase, this is going to be connected to other agency
23 actions at other sites. For example, the existing pit
24 production proposal at other NNSA sites including Los Alamos
25 and Savannah River site. And it should specify what

1 specific weapon designs and weapon programs these increases
2 to the administrative limits are connected to.

3 MS. BOLTZ: You have 30 seconds.

4 MR. YUNDT: For example, are they connected to the W87.
5 The NOI -- the notice of intent also notes that the NNSA
6 identified more than 110 access facilities to be
7 decontaminated. And I request that details of these
8 facilities, like size and sources of contamination, be made
9 clear, and the system for prioritizing their D&Ding be made
10 clear. And I suggest that the risk to public health be the
11 priority. Finally, I urge the lab to include an alternative
12 that includes closing Site 300. And I want the EIS to
13 mention the ongoing Superfund activities at the lab. And
14 there should be an alternative that includes speeding up the
15 current Superfund cleaning -- cleanup activities at both the
16 main site and Site 300. Thank you.

17 MS. BOLTZ: Thank you for your comment. Our next
18 commenter is Carl Anderson, who I believe is on the phone.
19 I'm going to unmute your line. He'll be followed by Robert
20 Gould and Charles Marker. Mr. Anderson?

21 MR. ANDERSON: My name is Carl N. Anderson of Oakland,
22 California. I will attempt to confine my minutes to the 3-
23 minute window. Even with severe compression, I expect 4 or
24 5 minutes will be needed. I contest NNSA's decision to hold
25 a single meeting using Webex events. It doesn't meet the

1 minimum conditions for public comment. A friend of mine
2 recently tried to participate in the meeting convened by
3 NNSA using this technology. Her experience was really bad.
4 And I can add my experience has been really bad within the
5 past half hour.

6 Shortly after, she and I had to participate in a
7 different meeting, which also involved NNSA. But for this
8 other meeting the results were mutually satisfactory. The
9 successful meeting was on July 9. I do not expect tonight's
10 session to be successful like the July 9 meeting. In the
11 U.S. Constitution, the First Amendment specifies the right
12 of the people peaceably to assemble and to petition the
13 government for a redress of grievances. In that spirit
14 redress must include, among other things: One, the public
15 comment period must be extended to 120 days from publication
16 of the notice of intent on August 5, 2020. Two, a second
17 online public meeting or an in-person meeting must be set
18 for the Livermore Lab Site-Wide Environmental Impact
19 statement scoping process later this fall. Three, the
20 second public meeting must be publicized well in advance of
21 the date it will be held. And four, NNSA and Livermore Lab
22 must advise me of any actions they are taking or not taking
23 on these points.

24 If time is granted, I will describe why the July 9
25 meeting was successful. That meeting involved LLNL

1 personnel, a local government and my friend and me. One,
2 the particular LLNL personnel had met with us in person on
3 multiple prior occasions. Two, there is mutual respect
4 between the members of the public, that is her and me, and
5 the specific personnel of Livermore Lab and local government
6 -- not agreement on some points, that's too much to expect,
7 but we understand and respect each other's point of view.
8 Three, we agree on some other points. Four, issues at hand
9 were rather simple. Five, there was no need for graphics,
10 Flash Player, et cetera. Six, there was no need to impose
11 time limits. We could say what needed to be said. Seven,
12 she and I participated by telephone, avoiding any other
13 reliance on Webex. There was no need for passwords and a
14 support person made sure we were logged on.

15 MS. BOLTZ: You have 30 seconds please.

16 MR. YUNDT: Others used Webex by computer -- I'm almost
17 done -- but not us. Webex is suitable for those with
18 administrative support, preexisting Webex experience and so
19 forth. It is much less suitable for the public in general.
20 These features differ from tonight's event. End of
21 statement.

22 MS. BOLTZ: Thank you for your comments. Again, if
23 you've already made a comment, if you would click the same
24 icon you used to raise your hand to unraise it. And you can
25 also dial star 3 on the phone to unraise your hand. Again,

1 if you are on the phone, have not made a comment and are in
2 interested in speaking, you can dial star three to raise
3 your hand.

4 Our next speaker will be Robert Gould, followed by
5 Charles Marker. Robert Gould?

6 MR. GOULD: Can you hear me?

7 MS. BOLTZ: Yes. Go ahead.

8 MR. GOULD: Okay. My name is Dr. Robert Gould. I worked
9 for over 30 years as a pathologist at Kaiser Hospital in San
10 Jose. And for the last 8 years I've been an Associate
11 Adjunct Professor at the UCSF School of Medicine within the
12 Program on Reproductive Health and Environment. I'm
13 speaking today for -- as president of the San Francisco Bay
14 Chapter Physicians for Social Responsibility. We represent
15 hundreds of health professionals seeking to protect the
16 health of our patients and communities here throughout the
17 planet for the ever-present dangers of nuclear weapons by
18 moving towards their abolition as quickly as possible.

19 I want to support the demands for extending the time
20 period to 120 days, and I would amend that further by
21 supporting Mr. Yundt's call for suspending it for much
22 longer and past the election.

23 Beyond those issues, we at PSR have fundamental
24 objections to imposed limits on public comments and
25 discourse, whereby our ability to call for complete closure

1 and decontamination and de-commissioning of Livermore Site
2 or Site 300 to most speedily eliminate the existential
3 threat of nuclear weapons is considered from the onset in
4 the SWEIS as unreasonable. Despite our civilization's
5 imperative need to fully address our climate emergency,
6 present and future pandemics that are undermined by
7 continuing programs in modernizing and making more -- our
8 nuclear arsenals even more lethal, tremendous squandering of
9 our resources for such destructive end.

10 As such, we register our opposition to the entire nuclear
11 weapons program of which Lawrence Livermore plays such a key
12 role for which our government will be spending anywhere from
13 an estimated of 1.2 to 1.6 trillion dollars over the next 30
14 years, translating to approximately 4 to 6 million dollars
15 every hour over the same period.

16 From that starting point, recognizing the Orwellian
17 presets that you have proposed for our comments, PSR opposes
18 any expanded operations defined under the proposed action
19 alternative and would call for maximally achievable reduced
20 operations apparently allowed to be considered under the no-
21 action alternative.

22 We recognize at the heart of the proposed proposal for
23 expanded operations is the 2018 Nuclear Posture Review that
24 calls for costly new generation of nuclear weapons,
25 facilitated by proposed LLNL life extension programs

1 involving currently unclear modalities to test and maintain
2 nuclear weapons.

3 As such, we regard especially dangerous Livermore's
4 designation as being the lead lab for the development of the
5 novel W87-1 warhead, which itself will require new plutonium
6 core unlike anything in the stockpile or in storage. That
7 would require expanded plutonium bomb core production at the
8 Savannah River site in South Carolina and Los Alamos Lab in
9 New Mexico.

10 We note as well that NNSA and Livermore Lab were seeking
11 to utilize the process to increase the amount of nuclear
12 bomb grade plutonium that the lab will be authorized to
13 handle, use in experiments and store at its main site
14 Livermore, raising the dangers of future potential
15 contamination of local environment, superseding prior legacy
16 contamination, including groundwater aquifers that have
17 caused the main site in Site 300 to be designated Superfund
18 sites posing threats to public and environmental health for
19 decades to come...

20 MS. BOLTZ: You have 30 seconds.

21 MR. GOULD: Overall, we at PSR have fundamental questions
22 about the alleged purposes of U.S. Nuclear Weapons Program,
23 claiming to ensure that the nation's nuclear deterrent
24 remains safe, secure, and reliable. While we understand
25 that any remaining lethal weapons in our stockpile need to

1 be guaranteed to be able to avoid dangerous situations well-
2 documented in command and control, we know that there are
3 significant safety issues and accidents that can involve our
4 stockpiles and delivery systems that will put our own
5 population at significant risk, whose safety would reside in
6 eliminating these weapons once and for all.

7 We must take responsibility for not obfuscating the fact
8 that when we refer to reliability, what we're really talking
9 about with not employing the usual new speak of our nuclear
10 weapons establishment, that we're really talking about
11 increasing our weapons ability to decimate our human
12 civilization, even through the direct targeting of
13 populations or through the delayed impacts of expected
14 nuclear winter and global malnutrition that could follow
15 even limited nuclear dangers. Anything that...

16 MS. BOLTZ: If you could please wrap up your comments.

17 MR. GOULD: I'm finishing right now...

18 MS. BOLTZ: Okay.

19 MR. GOULD: Anything that moves speedily to speedily
20 eliminate global nuclear arsenals with international
21 collaborative efforts, starting with our own national
22 commitment to disarmament and halting our plans for
23 additional, more lethal weapons anticipated in the SWEIS is
24 our only reasonable alternative to the manifold dangers
25 inherent to all plans to continue our suicidal nuclear age at

1 the peril of the future of our civilization. Thank you.

2 MS. BOLTZ: Thank you for your comments. Our next
3 commenter is Charles Marker. Mr. Marker?

4 MR. MARKER: Hello, my name is Charles Marker. We live
5 directly across from the lab on East Avenue. Can you hear
6 me?

7 MS. BOLTZ: Yes. Go ahead.

8 MR. MARKER: We live directly across from the laboratory
9 on East Avenue, I mean on Greenville Road, I'm sorry, on
10 Greenville Road. And during the last 3 to 5 years, the
11 noise pollution from the lab has gone up dramatically.
12 You've built a new building that has large air circulation
13 ducts, and there are a bunch of other things that have made
14 the noise pollution where we live much worse. And so, we're
15 interested in what you plan to do to mitigate that,
16 especially as you undertake 55 new projects and all that
17 goes along with that to make sure that you don't negatively
18 impact the quality of life of your neighbors. I give back
19 the rest of my time.

20 MS. DARMOHRAY: Oh, well I'll take a little of it. I'm
21 Tina Darmohray. I'm --

22 MR. MARKER: Wife.

23 MS. DARMOHRAY: -- wife of Charles Marker, and I also
24 live across the street at Greenville. And I do want to
25 thank the laboratory for at our request turning off the air

1 intake on one of the most egregious buildings during our
2 daughter's emergency COVID wedding in our backyard so that
3 we would be able to hear the ceremony and people talking.
4 So, we appreciate that help. But look forward to sustained
5 mitigation for the noise pollution in the area by the
6 laboratory. Thank you.

7 MS. BOLTZ: Thank you for your comment. We've reached
8 the end of the list of speakers that have indicated they
9 would like to speak. And if there's anyone else who would
10 like to make a comment, please click on the hand button to
11 raise your hand. Again, that's shown on the participant
12 panel on your screen. If you're on the phone, you can dial
13 star 3 to raise your hand and indicate you'd like to make a
14 comment, and we'll recognize you by un-muting your line.

15 Okay. Again, if there are any commenters who have not
16 made a comment or any attendees who would like to make a
17 comment who have not already spoken, please dial star three
18 if you're on the phone, or raise your hand using the
19 toolbar, I'm sorry, on your panelist window. And if you've
20 already spoken and would like an additional 3 minutes,
21 please raise your hand and we will recognize you in just a
22 moment after we make sure there's no one who has not had an
23 opportunity to speak.

24 Okay. So, Ms. Marylia Kelley would like to speak again.
25 I'm going to un-mute your line. Okay.

1 MS. KELLEY: Thank you. I just want to follow up on the
2 plutonium limit, which as I understand, I'll repeat again,
3 may be reduced from the 2005 SWEIS that may in fact and will
4 be increasing from the practical limit that we have today,
5 and its connection to plutonium-pit production. And I have
6 been looking at what material testing may involve. And it
7 may involve larger amounts of plutonium production than the
8 far lesser role of "analytical chemistry" that have been
9 discussed for LLNL in prior documents.

10 My review of documents so far suggest that material
11 testing is a broad term of art, not having the tiny sub-
12 ground limits associated with analytical chemistry
13 operations for pit production. So, setting aside the
14 question of whether Livermore should do analytical chemistry
15 or not for material testing is entirely different, and must
16 be really well-defined in the SWEIS. It is a connected
17 action.

18 So here are some questions: What is the detailed
19 crosswalk between Livermore plutonium production activities,
20 pit production activities and the plutonium limits being
21 sought? What buildings are involved? Does the term
22 material testing include any shake-and-bake tests in
23 Building 334, the hardened engineering test facility, or
24 other buildings? I believe materials testing involves
25 pretty large quantities, and you do things like, you know,

1 at what temperature or under what pressure does it crack,
2 things like that. This is very serious in terms of hazard.
3 What does it mean for Building 331, the main plutonium
4 facility given its well-known vulnerabilities?

5 What about Building 331 where a part of that building is
6 now devoted to actinide research in plutonium activities for
7 the NIF?

8 And someone else asked a question that I had, which is
9 NIF right now conducts experiments, as far as I know, with
10 plutonium 242. Would any of these changes enable larger
11 quantities? Would any of these changes enable weapons-grade
12 plutonium i.e., plutonium 239 to be used at the NIF?

13 Regarding the question of larger tritium releases that
14 were allowed in the 2005 Site-Wide Environmental Impact
15 Statement for NIF, this needs a lot of analysis. And I'm
16 extremely concerned because historically tritium has been
17 poorly handled at Livermore Lab, and 2 of the 3 biggest
18 accidents that I found in the world happened at Livermore
19 Lab with tritium.

20 And it is air-borne, it rains out, it affixes into
21 plants. This requires some real analysis. This requires,
22 even for me to comment on it, some more information about
23 what kinds of limits for plutonium are you discussing, what
24 kind of limits for tritium are you discussing.

25 There is much more. I will do written comments. But I

1 wanted to at least say that part of my verbal comment had to
2 be left out. Thank you.

3 MS. BOLTZ: Thank you very much. Again, if anyone else
4 would like to make a comment, who has not spoken or who has
5 already spoken and would like to add to their comments, you
6 can raise your hand using the Raise Hand tool as shown on
7 the screen. If you're calling in by phone only, you can
8 dial star three to raise your hand. We will be on the line
9 until 8:00 o'clock. So, you do have an opportunity to make
10 comments up until that time.

11 Okay. So, we have heard from everyone on the list at
12 this point. And as I mentioned, we will stay on the line
13 until 8:00 o'clock in case anyone does join the call and
14 would like to make a comment before the meeting ends. As a
15 reminder, you may continue to submit comments by e-mail or
16 postal mail until the end of the comment period, which, as
17 Fana announced earlier, has now been extended until October
18 6.

19 I'm going to advance -- to the slide that shows the
20 information about how to submit comments again by e-mail at
21 llnlsweis@nnsa.doe.gov. Again, that's
22 llnlsweis@nnsa.doe.gov. Or you can mail your comments to
23 Ms. Fana, that's F-a-n-a, Houston, H-o-u-s-t-o-n, NEPA
24 Document Manager, NNSA, Livermore Field Office, P.O. Box
25 808, L as in Livermore, L-293, 7000 East Avenue, Livermore,

1 California 94551-0808.

2 And I do see, I believe Ms. Kelley has raised her hand
3 again, let me just double-check and see if she has any
4 additional comments to add.

5 MS. KELLEY: Thank you. I was going to follow up
6 offline, but since we have time, I'll ask it on the record.
7 In the past, Tri-Valley CAREs has requested, and of course
8 Janis as you well know, received informal briefing where
9 there can be Q&A and there can be discussions and there can
10 be questions answered.

11 So for the record, and very formally, before the close of
12 the public comment period, I would like to request that Tri-
13 Valley CAREs have an offline, you know, not a NEPA public
14 hearing process, but an offline meeting with Livermore Lab
15 to discuss this and to ask some questions that can be
16 answered that will help us guide us and comments in general.

17 And again, this has happened in the past during SWEIS
18 processes, and happened in the past during NEPA processes,
19 and happened in the past for non-NEPA reasons as well. It's
20 standard operating procedure. A little more difficult in
21 the time of COVID.

22 I would also like to propose if you are able to send you
23 a Zoom link, which is so much easier than Webex. And,
24 however, if it must be Webex, I can comply. Thank you.

25 MS. BOLTZ: Thank you for your additional comments.

1 Again, we will be on the line for another 45 minutes until
2 8:00 o'clock p.m. If anyone else would like to make a
3 comment or add to their comments, please dial star three if
4 you're calling in on the phone, or raise your hand using the
5 raise hand button on the panelist window. In the meantime
6 we will stand in recess until there are any additional
7 speakers or until 8:00 o'clock.

8 And again, I will advance the slide to show the --
9 otherwise, you can submit comments through October 6th
10 rather than the date that's shown on the slide. And thank
11 you again for your participation and comments. Again, you
12 can submit comments until October 6th, and we will be here
13 until 8:00 o'clock p.m. if you'd like to stay with us,
14 otherwise you can leave the meeting by clicking the red X at
15 the -- on the toolbar at the bottom of your screen, which is
16 on the right of the toolbar.

17 I think Fana would like to add an additional piece of
18 information.

19 MS. GEBEYEHU-HOUSTON: Hi, Jackie. Thank you for
20 acknowledging me. I want to remind everybody that although
21 the public scoping period closes on -- currently closes on
22 October 6th, we can consider comments that are sent after
23 the close of the announced comment period to the extent
24 possible on the scoping. So, during the period because it
25 is scoping, for whatever reasons someone misses that

1 deadline, please submit your comment anyway because we can
2 consider scoping comments to the extent practical even after
3 the October 6 date. Thank you.

4 MS. BOLTZ: Thank you, Fana. And I do see we have a
5 couple additional people who have indicated they would like
6 to speak. Jonathan Oldfather, if you'd like to add to your
7 comments, I'll un-mute your line.

8 MR. OLDFATHER: Thank you. I just wanted to reiterate
9 that a question-and-answer session would be much more
10 helpful than this one because of the vague -- the vague
11 nature of the information that has been submitted in the
12 notice of intent. It's kind of difficult to really get an
13 idea as to what Livermore Lab wants to do.

14 And if we had a better idea of that, if we knew what the
15 plans were, beyond that you want to build a bunch of stuff
16 and you want to decommission a bunch of buildings, et
17 cetera, and increase or decrease it's -- as has been pointed
18 out, it's been difficult to tell whether it's going to be a
19 decrease of the administrative limits and/or decrease and
20 increase of the limits of release of hazardous materials
21 whether they be plutonium or tritium or any other materials
22 that may be part of the processes that occur, it would be
23 helpful if we could get some questions answered about that.
24 And that there was a little bit more, perhaps the EIS will
25 provide more detail. But then, we aren't really talking

1 about the scope. And so, it seems rather vague here and we
2 would prefer to have more information about -- when I say
3 "we", I mean the public, I think we would prefer to have
4 more information about what is intended to happen.

5 MS. BOLTZ: Thank you for the feedback.

6 MR. OLDFATHER: Thank you.

7 MS. BOLTZ: And we have a caller on the line. I'll un-
8 mute your line and you'll hear a beep. If you could state
9 your name. Go ahead.

10 MR. ANDERSON: This is Carl Anderson again.

11 MS. BOLTZ: Okay.

12 MR. ANDERSON: The basic problem is that my computer's
13 microphone was not talking to Webex. And the Webex support
14 person could not offer any useful help. And there was no
15 tutorial on how to get Webex to work. But I did realize
16 that I have the telephone backup and I even have my cell
17 phone charger with me, I'm using a computer that I don't
18 normally use, which has a more up-to-date operating system
19 because I expected that Webex would fail on my computer at
20 home, which has an old operating system, and therefore an
21 old web browser. I thought those would be comments that you
22 should hear.

23 MS. BOLTZ: Thank you very much for your feedback and
24 your comment. Marylia Kelley has raised her hand again.

25 I'll un-mute you now.

1 MS. KELLEY: I just want to second what Jonathan said.
2 One of the differences, and I've been thinking about this,
3 as this meeting has unfolded, one of the differences of
4 doing the process that I see happening now and the usual
5 process is that -- LLNL and DOE and NNSA usually have some
6 sort of a poster session and an hour set aside before the
7 public hearing for members of the public, elected officials,
8 any stakeholder to come and browse the posters and ask
9 questions and get information. And that then informs the
10 comments that are made at the public hearing as well as the
11 comments that are formulated in writing and submitted later.

12 And I think we're all, at least in the stakeholder side
13 of the screen here, we're all feeling keenly that lack of a
14 poster session, that lack of ability to get information,
15 have a Q&A talk. You know, we used to get to talk one-on-
16 one, but at least talk in a group and get questions
17 answered. So, in addition to my request for a briefing for
18 Tri-Valley CAREs, I would like to request a public poster
19 session, and thank you.

20 MS. BOLTZ: Thank you for your comment. Again, if
21 there's anyone on the line who has not spoken or who would
22 like to add their comments, you can raise your hand by
23 clicking the icon as shown on the slide. If you're on the
24 phone, you can dial star three to raise your hand. Okay.
25 Again, we will be here until 8:00 o'clock p.m. You may

1 submit comments through the end of the comment period on
2 October 6, 2020. As Fana mentioned, comments received after
3 that end date will be considered to the extent practicable.
4 So, if you are unable to meet the deadline, please go ahead
5 and submit your comments, and we will do our best to
6 consider it in the development of the draft SWEIS.

7 And I have another commenter, Inga Olson. I'm going to
8 un-mute your line.

9 MS. OLSON: Thank you. Yes, I wanted to ask if the
10 public comment period could be extended 120 days from the
11 original date. I know its 45 days. And also, if we could
12 have another meeting, another virtual meeting where we could
13 make public comments in the fall. I just found out about
14 this meeting recently. And I am the primary caretaker for
15 my mother who her daycare has been cancelled just like
16 children, you know, with COVID-19, so it's really -- it's
17 really like a jam-packed time to try to be able to do the
18 research that I want to do to make, you know, intelligent
19 comments. I mean I think it's -- these are serious changes
20 that are being proposed by the lab. And I think regardless
21 of the time, more time would be helpful. But particularly
22 in terms of these times, and then with the fire and all has
23 sort of decreased mobility and being able to take care of
24 things. So, I feel like it would be really important in
25 order to give the community, you know, a robust

1 representation in terms of what we care about to allow us
2 more time. Thanks very much.

3 MS. BOLTZ: Thank you for your comment. Oops, sorry. I
4 believe I was muted. Thank you, Ms. Olson, for your
5 comments. If you've raised your hand again...

6 MS. OLSON: Yeah, I just wanted to say that I really had
7 difficulty getting into the Webex application. And I tried
8 to do it not have to use it but I wasn't able to go, you
9 know, use a different method. But in using Webex it -- you
10 know, I'm not sure I'm seeing everything there is to see.
11 And anyway, I had a number of problems with it. So, I just
12 found that Zoom is so much easier.

13 MS. BOLTZ: Okay.

14 MS. OLSON: Thanks.

15 MS. BOLTZ: All right. Thank you for your comment. And
16 Marylia Kelley, just a clarifying question, you had
17 mentioned a virtual or a poster session. Did you mean a
18 virtual or an in-person session?

19 MS. KELLEY: It kind of depends on additional extension
20 of the public comment period and what we're going to face in
21 the fall. But to be honest, I was thinking that it would
22 probably need to be virtual, and sort of realizing how much
23 I missed that, and what an important part of the whole
24 public hearing process that was when we had that whole hour
25 to browse and ask questions and talk to people and get

1 answers in advance. I think doing it virtually, I'm not
2 sure if an hour would be enough because you don't have
3 multiple people all at the same time that you can ask, you
4 know, Person A, Person B because it's poster, the subject
5 matter expert. But something like that virtual, we're all
6 getting really, really creative in what we can do in virtual
7 reality these days. And I think it's a really important
8 missing part of the process. So, I'd like to see it happen
9 fairly soon. And that would mean virtual and probably any
10 time in 2020, if I'm guessing, means virtual.

11 MS. BOLTZ: Okay. Thank you for that additional
12 information.

13 MS. KELLEY: Sure.

14 MS. BOLTZ: And Inga Olson, I'm not sure if you had your
15 hand raised from your previous comment, if you had an
16 additional statement. I am going to unmute your line just
17 to make sure that you didn't have anything else to add.

18 MS. OLSON: I didn't have anything additional. Thank
19 you.

20 MS. BOLTZ: Okay. Thank you. Okay. Again, we are on
21 the phone or on the line here for about another 30 minutes.
22 If anybody else would like to make a comment, you can raise
23 your hand by -- just put the slide up with the directions on
24 how to do that, clicking the icon on your screen. If you're
25 not seeing the panelist icon, you can click the

1 participants' button to open that up, and then you should
2 see the hand at the bottom of that panel.

3 If you're on the phone, you can dial star three to raise
4 your hand. And again, you can submit comments until October
5 6, 2020, using the information shown on the screen, the e-
6 mail and the mailing address. And again, if your comments
7 are received after the end date, they will be considered to
8 the extent, particularly since this is scoping. We are
9 looking for your input and hope to receive comments from any
10 of you.

11 And again, thank you for joining us this evening. We
12 will be on the line until 8:00 p.m. Pacific. If you'd like
13 to leave the meeting, you can click the red X on the
14 toolbar. We'll stand in recess and keep an eye out for any
15 additional individuals who would like to make a comment
16 between now and the end of the meeting.

17 And for those of you still on the line, we will be on
18 this meeting until 8:00 o'clock p.m. Pacific. If you are
19 interested in making a comment on the scope of the Lawrence
20 Silvermore National Laboratory Site-Wide Environmental
21 Impact Statement, please indicate that by raising your hand
22 or dialing star three if you're on the phone. And we
23 appreciate your attendance this evening. If you'd like to
24 exit the meeting, you can do that by clicking the red X in
25 the toolbar that you should see at the bottom of your

1 screen. Thank you.

2 Let's see. A caller on the phone has raised their hand.
3 I'm going to unmute your line. If you could identify
4 yourself, state your name and then provide your comment.

5 MR. ANDERSON: This is --

6 MS. BOLTZ: Go ahead.

7 MR. ANDERSON: This is Carl Anderson again. And there
8 being time, I will not have to stumble over myself in terms
9 of being able to reread my statement at a more reasonable
10 pace. My name is Carl N. Anderson of Oakland, California,
11 and I will skip the bit about minutes of window. I contest
12 NNSA's decision to hold a single meeting using Webex events.
13 It doesn't meet the minimum conditions for public comment.
14 A friend of mine recently tried to participate in a meeting
15 convened by NNSA using this technology. Her experience was
16 really bad. And as I added earlier, my experience tonight
17 was also bad. Shortly after, she and I had to participate
18 in a different meeting which also involved NNSA, but for
19 this other meeting the results were mutually satisfactory.
20 The successful meeting was on July 9th. I do not expect
21 tonight's session to be successful like the July 9 meeting.
22 In the U.S. Constitution, the First Amendment specifies the
23 right of the people peaceably to assemble and to petition
24 the government for a redress of grievances. In that spirit,
25 redress must include among other things; one, the public

1 comment period must be extended to 120 days from publication
2 of the notice of intent on August...

3 MS. BOLTZ: Mr. Anderson, go ahead.

4 MR. ANDERSON: Okay. Thank you. The public comment
5 period must be extended to 120 days from publication of the
6 notice of intent on August 5, 2020. Incidentally, did you
7 notice that August 5, 2020, is one day off of the 75th
8 anniversary of the bombing of Hiroshima? Two, the second
9 online public meeting or an in-person meeting must be set
10 for the Livermore Lab Site-Wide Environmental Impact
11 Statement scoping process later this fall. Three, the
12 second public meeting must be publicized well in advance of
13 the date it will be held. And four, NNSA and Livermore Lab
14 must advise me of any action they are taking or not taking
15 on these points.

16 If time is granted, I will describe why the July 9th
17 meeting was successful. That meeting involved LLNL
18 personnel, a local government, and my friend and me. One,
19 the particular LLNL personnel had met with us in person on
20 multiple prior occasions. Two, there is mutual respect
21 between members of the public, that is my friend and me, and
22 the specific personnel of NN -- LLNL and local government,
23 not agreement on some points. That's too much to expect.
24 But we understand and respect each other's points of view.

25 Three, we agree on some other points. Four, issues at

1 hand were rather simple. Five, there was no need for
2 graphics, Flash Player, et cetera. At some point I did a
3 testing and there was an option to do a Flash Player and
4 that worked.

5 Six, there was no need to impose time limits. We could
6 say what needed to be said. She, my friend, and I
7 participated by telephone, avoiding any other reliance on
8 Webex. There was no need for passwords. And the support
9 person made sure we were logged on. Other used Webex by
10 computer but not us. Webex is suitable for those who with
11 administrative support, pre-existing Webex experience and so
12 forth. It is much less suitable for the public in general.
13 These features differ from tonight's event.

14 So that is my statement read at a more reasonable pace.
15 Thank you for allowing me do so in a way that would not have
16 me stumbling over things and have your people trying to
17 transcribe -- the person who does the transcribing will be
18 able to do that much more easily from what the way I just
19 reread my statement.

20 MS. GEBEYEHU-HOUSTON: Thank you. Thank you for the
21 comment.

22 MS. BOLTZ: Yes, thank you. Sorry, I was on mute.
23 Again, we have about 15 minutes remaining in the public
24 meeting. If anyone else would like to make a comment, you
25 can do so by raising your hand or by dialing star three if

1 you're on the telephone. I see that Inga Olson has raised
2 her hand. I will unmute your line, Ms. Olson.

3 MS. OLSON: Oh, thanks again. I just wanted to comment
4 and say that I think that this, you know, meeting is, I
5 think would be better attended if there had been more notice
6 in advance. Just wanted to make that point. And so, if you
7 are able to extend the comment period and have a virtual
8 meeting later at a later date, in the fall, if you could,
9 you know, send out a notice, you know, in advance, way in
10 advance, it would be really helpful because then those of us
11 who are interested could try to circulate that, you know,
12 announcement to people that we know would be concerned. I
13 think that you'll get, you know, many more people. So,
14 thank you.

15 MS. BOLTZ: Thank you. Just to clarify, do you have
16 additional methods that you suggest using?

17 MS. OLSON: Well, you know, organizations that follow
18 these types of actions, you know, they have mailing list and
19 they inform the community. So, I would, you know, probably
20 try to get it out to any organization that, you know, is a
21 stakeholder and commonly comes to participate in these kind
22 of things. Also, I think like, you know, a notice in the
23 newspaper, you know, some -- I don't know if you did that or
24 not, but I think that would be really helpful because a lot
25 of people do notice it that way.

1 MS. BOLTZ: Okay. Thank you. There were notices in
2 four of the local papers multiple times..

3 MS. OLSON: Is it possible -- I -- you know, is it
4 possible, would be in the East Bay and also in the San
5 Francisco area? Were they in those papers?

6 MS. BOLTZ: The East Bay Times was one of them, yes.

7 MS. OLSON: Yeah, I was thinking about more of a --
8 yeah, also a major paper.

9 MS. BOLTZ: Okay. Thank you for that input.

10 MS. OLSON: Like The Chronicle. Yeah, thank you for
11 asking.

12 MS. BOLTZ: Again, we have about 10 minutes. If anyone
13 else would like to make a comment, please indicate that by
14 raising your hand or dialing star three if you're on the
15 telephone. Again, you can also submit comments by e-mail or
16 by postal mail. And those details are posted on the screen
17 currently. The presentation and other materials are
18 available on the NNSA NEPA website. I'm sorry, NNSA NEPA
19 Reading Room website. I will give you that web address in
20 just a moment. Again, you can find the presentation and
21 other project information on the NNSA NEPA Reading Room,
22 that is at [https://www.energy.gov/nnsa/nnsa-nepa-reading-](https://www.energy.gov/nnsa/nnsa-nepa-reading-room)
23 [room](https://www.energy.gov/nnsa/nnsa-nepa-reading-room), that's n-e-p-a, -reading, r-e-a-d-i-n-g, -room, r-o-o-
24 m. And that the presentation and an overview factsheet are
25 both available in English and Spanish on that webpage. I

1 see Phyllis McDonald has raised her hand. I am going to
2 unmute your line now.

3 MS. McDONALD: Hello?

4 MS. BOLTZ: Hello, go ahead.

5 MS. McDONALD: Thank you. My name is Phyllis McDonald.
6 I became aware of this through Tri-Valley CAREs, and I sent
7 in a request for 120-day comment period. As I listened to
8 the proposed plans, I'm a little terrified. It's
9 practically in our backyard. I think it's really important
10 to have transparency so that people know what's going on.
11 And I really feel this process really needs to be slowed
12 down. Thank you.

13 MS. BOLTZ: Thank you for your comment. Reverend --
14 just one moment. We have a Reverend Grant Bakewell has also
15 raised their hand. I'll unmute you. Go ahead.

16 MR. BAKEWELL: Thank you. I'd also like to echo the
17 earlier request to extend the comment period also in light
18 of the fires that came very close to -- here in California
19 to Site 300. And I should think that would be a reason for
20 pause, if not an extension, so that people in the area as
21 well as those of us who live up in Sacramento can further
22 send in a letter or make a comment. And my other question
23 was, is there any length requirement or limitation on
24 sending in a text? I don't want to send in a lot but is
25 there a certain maximum in terms of a comment that is

1 acceptable at this point?

2 MS. BOLTZ: No, there is not.

3 MS. GEBEYEHU-HOUSTON: No.

4 MR. BAKEWELL: Thank you.

5 MS. BOLTZ: Thank you.

6 MS. GEBEYEHU-HOUSTON: If I could -- if there are no
7 other commentators in line right now, I can clarify a couple
8 of items that were brought up during the comment period in
9 short order and to sort of just direct people back to the,
10 some portions of the presentation, if that's all right, if
11 we have time.

12 MS. BOLTZ: Sure.

13 MS. GEBEYEHU-HOUSTON: Okay.

14 MS. BOLTZ: Go ahead.

15 MS. GEBEYEHU-HOUSTON: Yeah, so I just wanted to clarify
16 in the presentation on the slide that I have -- on the
17 increasing and decreasing list, so I just wanted to clarify
18 on the Proposed Action slide we -- changes to tritium
19 emissions limits and administration limits for plutonium and
20 accident scenarios and/or public comment, but that was
21 vague. And so, I wanted to clarify from my script or that
22 from my comments that I said that we would be proposing an
23 increase in tritium emissions limits and a decrease in
24 plutonium limits for those two. And...

25 MS. BOLTZ: Which slide number was on it, I can pull

1 that up?

2 MS. GEBEYEHU-HOUSTON: The slide number is going to
3 escape me. It was the one on the proposed alternative. The
4 overview was the next one, I think. Proposed actions,
5 correct. Under operational changes. I just want to direct
6 people that perhaps when we do the posted slides we can put
7 a clarification -- we will consider putting a clarification
8 bullet in there that does address and make more clear and
9 more consistent with my comments during the presentation.
10 So, I appreciate the feedback on that. So, I will do that -
11 - we will do that. And I did want to also clarify there was
12 one comment, I think from Ms. Miles, about the open-air
13 testing, and I did want to clarify that the open-air testing
14 at Site 300 is high-explosives, so -- exclusively. So, that
15 was all. Thanks for that.

16 MS. BOLTZ: Thank you, Fana. Again, we just have a
17 couple minutes left remaining in the published time for the
18 scoping meeting. If you'd like to make one last comment,
19 you can raise your hand or dial star three on the phone.
20 And as we've mentioned, there are other ways to submit your
21 comments. You can mail them in or e-mail them in. There is
22 no limit on the length of the comment or the number of
23 comments that you submit. You can do that by sending them
24 to the e-mail and address posted here on the screen
25 llnlswis@nnsa.doe.gov, or by mail to Ms. Fana Houston, H-o-

1 u-s-t-o-n, NEPA Document Manager, NNSA, Livermore Field
2 Office, P.O. Box 808, L like Livermore, L-293, 7000 East
3 Avenue in Livermore, California, 94551-0808. And it looks
4 like we have heard from all of our commentators. Go ahead.

5 MS. GEBEYEHU-HOUSTON: Hi, this is Fana. I just wanted
6 to thank everybody again for your thoughtful comments.
7 We'll take them under advisement. And of course comments in
8 writing are always appreciated both by e-mail and mail. And
9 just to stress again that although the comment period
10 currently closes on October 6th, if for whatever reason you
11 think you have missed that deadline, please continue to
12 submit your comments on scoping. It's an important part of
13 the process. So, thank you again.

14 MS. BOLTZ: Okay. Thank you, Fana. And just as Fana
15 said, thank you all again for your participation and your
16 comments this evening. We will go ahead and conclude this
17 meeting. This concludes the scoping meeting for the
18 Lawrence Livermore National Laboratory Site-Wide
19 Environmental Impact Statement. This meeting is adjourned
20 at 7:59 p.m. Thank you again for joining us. If you'd like
21 to exit the meeting you can click the red X on the toolbar
22 or hang up your phone. Thanks again for your participation.

23

24 (WHEREUPON THE MEETING WAS CONCLUDED)

25


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CERTIFICATE OF TRANSCRIBER

I, WINJOY VIJAYAN, do hereby certify that this transcript was prepared from audio to the best of my ability.

I am neither counsel for, related to, nor employed by any of the parties to this action, nor financially or otherwise interested in the outcome of this action.

September 17, 2020



DATE

WINJOY VIJAYAN

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**In Re: Public Comment Period
Scoping Meeting on 10/05/2020**

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In Re: Public Comment Period.

_____ /

AUDIO RECORDING

DATE OF RECORDING: Monday, October 5, 2020

PERSONS RECORDED:

- Jacqueline Boltz
- Fana Gebeyehu-Houston
- Robin Jones
- Susan Goodman
- Marylia Kelley
- Phyllis McDonald
- Inga Olson

1 MS. BOLTZ: Now we will move into the public
2 comment portion of our meeting, which is being recorded. I
3 would remind you that if you're using Webex and would like to
4 make a comment, please use the raise-hand function to join
5 the list of speakers. Once you've raised your hand, please
6 leave it raised in order to maintain your place on the list.
7 You only need to click the button once to raise your hand,
8 and you can see on the screen how to do that.

9 I will now read into the record for verbatim
10 transcription my introductory remarks for this scoping
11 meeting. This portion of our meeting is officially
12 designated as a scoping meeting for the Site-Wide
13 Environmental Impact Statement for Lawrence Livermore
14 National Laboratory. This meeting is being held online and
15 on the telephone on October 5, 2020, using Webex. It is
16 being held to receive oral comments on the scope of the
17 Lawrence Livermore National Laboratory, SWEIS. There will be
18 no exchange of questions and answers.

19 We are commencing the public comment portion of
20 this meeting at 6:31 p.m., and are scheduled to adjourn at
21 7:30 p.m. Pacific Time. Each speaker will have up to 3
22 minutes in order to maximize the number of people that have
23 the opportunity to provide oral comments. This comment
24 period was preceded by a presentation by NNSA's SWEIS
25 Document Manager, Ms. Fana Gebeyehu-Houston. She will also

1 represent the NNSA in listening to and accepting your
2 comments.

3 For the record, my name is Jacqueline Boltz. I've
4 been asked by the NNSA to serve as the moderator for this
5 meeting. As previously mentioned, this portion of the
6 meeting is being recorded, and the recording will be used to
7 produce a verbatim transcript of oral comments received
8 tonight. The transcript will be used -- I'm sorry, will be
9 included in the NNSA's record of these proceeding and in the
10 draft SWEIS.

11 If you would like to make a comment during this
12 meeting, please use the raise-hand feature on the Webex
13 webpage or application as shown in the screen. If you don't
14 see the panelist list or participant list, please click
15 "Participants" in the bottom-right-hand of the screen. And
16 for those of you joining us only by phone who would like to
17 make a comment, you may dial star 3 to raise your hand. If
18 you have a written copy of your comments, or if you have a
19 written document you'd like to submit, please send it by e-
20 mail or postal mail using the address as shown on the screen.

21 Each comment will be considered equally by the
22 NNSA. You may submit comments by e-mail or U.S. Mail anytime
23 until the close of the comment period on October 21, 2020.
24 And again, comments received after that date will be
25 considered to the extent practicable. There is no limitation

1 on the number or length of comments an individual may submit.
2 If you are having technical difficulties during the meeting,
3 please call Webex technical support at 1-866-779-3239, or
4 enter a question in the Q&A box. Please note that comments
5 cannot be submitted via the Q&A box.

6 Remember the time limit and please focus your
7 comments on the scope of the SWEIS. When you have 30 seconds
8 remaining, I'll signal to summarize your remaining comments
9 as quickly as possible. We'll now begin the formal comment
10 period, which is your opportunity to provide a statement on
11 the scope of the SWEIS. I'll recognize speakers in the order
12 that they have raised their hands, and will try to recognize
13 three speakers at a time; the next speaker and then the two
14 that will follow, so that you'll have some warning before you
15 are to speak.

16 When it's your turn to speak, I will unmute your
17 line, you will hear a beep and you can begin your comment.
18 Please state and spell your name and affiliation, if
19 appropriate. Please spell your name to ensure the transcript
20 is accurate. We'll now take a look and see if we have any
21 raised hands. It looks like our first speaker will be Robin
22 Jones, who will be followed by Susan Goodman, and Marylia
23 Kelley. Robin Jones, please go ahead.

24 MS. JONES: Good evening. My name is Robin Jones.
25 R-o-b-i-n J-o-n-e-s, and I live in Manteca. I'm speaking

1 with you this evening because I'm very concerned about the
2 NNSA addressing the upcoming Site-Wide Environmental Impact
3 Statement for the continued operation of Lawrence Livermore
4 National Lab and Site 300 high-explosives testing range near
5 Tracy, California. As stated on the Department of Labor
6 website, more than 2,000 current and former employees have
7 applied to the Department of Labor for compensation for
8 serious illness, including cancer, believed to have been
9 caused by on-the-job exposures to radioactive and toxic
10 materials.

11 The SWEIS must consider worker health and safety.
12 Further, the document must analyze past worker exposures when
13 contemplating further operations with these potentially
14 deadly materials. Do you have plans to analyze how workers'
15 health will be affected if there is an expansion of the use
16 of these potentially deadly materials? I think that's very
17 important for the public to know.

18 In addition, the SWEIS must consider the latest
19 data from the U.S. Geological Survey on earthquake scenarios
20 in the Bay Area near the main site and the Central Valley
21 near Site 300. Both the main site and Site 300 are on or
22 very near earthquake faults. USGS has recently published
23 analyses that show greater earthquake intensity and other
24 damaging impacts, possibly liquefaction for the specific
25 areas of California. I do want to acknowledge that the NNSA

1 extended the public comment time frame. However, I would ask
2 that the public comment time frame be extended to at least
3 another 90 days because of this distressing time of a global
4 pandemic, state-wide fires and all the other additional
5 stressors affecting so many people at this time that make
6 public comments particularly challenging for citizens to
7 participate. I do appreciate the opportunity to speak this
8 evening, and I will leave it at that.

9 MS. BOLTZ: Thank you for your comment. Our next
10 speaker will be Susan Goodman followed by Marylia Kelley and
11 then Phyllis McDonald. Susan Goodman?

12 MS. GOODMAN: Good evening. My name is Susan
13 Goodman. I am a resident of Manteca, California. And as
14 Robin Jones just said, very concerned about the proposed
15 changes regarding the operation of Lawrence Livermore
16 National Laboratory and Site 300 explosive testing range near
17 Tracy, California. I am requesting that the NNSA address the
18 many concerns in the SWEIS. One of these concerns is the
19 impact on climate change. The SWEIS must analyze the
20 contributions of emissions to the global problem. Fires and
21 other extreme weather are a further concern regarding the
22 agency's decisions.

23 In August and September of this year 2020, Site 300
24 had to be evacuated due to the proximity of SCU Lightning
25 fire complex. We all know that these events are becoming

1 more frequent and more intense. The decision made by SWEIS
2 will serve as regulation for at least 15 years. It is
3 imperative that SWEIS consider the probability of extreme
4 weather and unhealthy air issues. Forward thinking is
5 critical. Question: Has there been or will there be an
6 analysis regarding the impact of emissions on climate change?
7 Any analysis must be current. The SWEIS should be looking at
8 alternative uses for the lab. Unclassified scientific
9 research would be much more in keeping with the needs and
10 concerns of the surrounding communities. The impact of
11 civilian research would be much more acceptable than the
12 impact of nuclear weapons research.

13 Question: Is there any current consideration for
14 alternative uses for Livermore Lab? Do you see any such
15 consideration in the near future? Again, this SWEIS will
16 government -- will govern activities at Livermore Lab for the
17 next 15 years or more. It is imperative that the agency
18 analyze safe alternatives. Thank you for the opportunity.

19 MS. BOLTZ: Thank you for your comment. Our next
20 speaker will be Marylia Kelley, followed by Phyllis McDonald
21 and Inga Olson. And as a reminder, if you're joining us by
22 phone and you would like to make a comment, you may dial star
23 3 to raise your hand. And once you have made a comment, you
24 can either click the hand button to unraise it or dial star 3
25 again to lower your hand. Marylia Kelley.

1 MS. KELLEY: Thank you. This is Marylia Kelley.
2 M-a-r-y-l-i-a K-e-l-l-e-y. And I will be submitting
3 extensive written comments, so I'm just going to discuss a
4 couple of overarching issues right now. I notice on the
5 slides that you proposed that it will have either -- that it
6 look -- that the SWEIS will look at a no-action alternative,
7 which is literally exactly what's going on today, or a
8 proposed-action alternative, which is literally the preferred
9 alternative what the laboratory and NNSA want to do in the
10 next 15 years. That's not adequate in terms of the scope of
11 the analysis and the SWEIS. There must be a reduced action
12 alternative and there must be an alternative that looks at
13 changes in programs over time and how that -- and analyzes
14 how that could or would be accomplished before any choice is
15 made at the end of the process.

16 I also noticed on the slides and in your
17 presentation that you discussed the tritium limits and the
18 emission limits being raised both at the National Ignition
19 Facility building and at Building 331, the tritium facility
20 in the Superblock. The tritium limits at Livermore Lab have
21 gone up several times both in terms of what's available in a
22 particular room as well as over -- slightly overarching.

23 And the tritium limits should not be raised.
24 Tritium is a problematic radionuclide at Livermore Lab.
25 There have been two accidents that released more than 300,000

1 curies of tritium, each accident at one time. The more
2 tritium that is used at the laboratory, the more tritium is
3 released into the environment.

4 I received a NEPO (phonetic) memo to file some
5 years ago when tritium activity was greater than it is now,
6 saying that the routine emissions not even called accidents
7 were equal to about 8,000 curies per year, which is an
8 accident anywhere else. So, ramping up activities with
9 tritium equals more emissions, equals potential health and
10 environmental impacts.

11 Also, I noticed in the presentation, if I wrote
12 this down correctly, that the decrease in the maximum amount
13 of plutonium isotopes in Building 332, the plutonium facility
14 in this Superblock, was being defined as less than -- if I
15 understand this correctly, less than the decision made in the
16 2005 Site-Wide Environmental Impact Statement Record of
17 Decision. And, of course, as we know, the lab failed the
18 security drill and there was a de-inventory after that. And
19 I believe I heard you defined it as "less than 300 kilograms
20 of fuel-grade equivalent that would be the new administrative
21 limit."

22 It's not clear because that's a different sort of
23 terminology and set of guidelines than the limits in the de-
24 inventory process, which by the way are site-wide. And so,
25 those things need to be compared. That 300 kilograms of

1 "fuel-grade equivalent" needs to be compared to what it means
2 in terms of the lower limits when the lab lost its CAT 1, CAT
3 2 security clearance.

4 Also, there needs to be an isotopic breakdown since
5 a variety of plutonium isotopes are used in that building, so
6 that the person reading the document can tell if you're
7 reducing some isotopes and raising others. So, there's a
8 whole lot of information about that that needs to be looked
9 at in the draft.

10 I also want to respond to the statement that you
11 will not look at a transfer of any missions, if I heard that
12 statement correctly. The truth is with -- over the history
13 of the nuclear weapons complex, and I've been doing this 37
14 years almost now, missions routinely have been transferred to
15 sites, in-between sites within the nuclear weapons complex.

16 Having to do with such things as some areas
17 becoming more urbanized, some areas having additional
18 dangers, I would offer fire danger in this category, there
19 needs to be a willingness and an actual analysis in the draft
20 environmental impact statement that some activities may in
21 fact be duplicative or may in fact be dangerous and not --
22 and should not be done in an urbanized environment which the
23 lab main site is and Site 300 is becoming very urbanized.
24 And there has to be an openness to look at both reducing
25 certain mission activities and transferring certain mission

1 activities in order for this to even be a valid site-wide
2 environmental impact statement process. And with that, I'll
3 yield back my time and provide detailed written comments.
4 Thank you.

5 MS. BOLTZ: Thank you for your comment. We'll look
6 forward to receiving your written comments. Our next speaker
7 is Phyllis McDonald, followed by Inga Olson. And again, if
8 you're joining us by phone and would like to make a comment,
9 please dial star 3 to raise your hand. Phyllis McDonald?

10 MS. McDONALD: Hello. My name is Phyllis McDonald.
11 P-h-y-l-l-i-s M-c-D-o-n-a-l-d. I live in Manteca,
12 California. I'm calling in because there are many proposed
13 changes by the National Nuclear Security Administration
14 regarding Lawrence Livermore Labs and Site 300 operations
15 which will seriously affect my community and surrounding
16 areas for the next 15 years.

17 One of my concerns is the proposal to increase the
18 size and weight of the open-air blasts at Site 300 by as much
19 as 10-fold per each blast and more than seven-fold annually.
20 These high-explosive detonations involve more than 100
21 chemically hazardous contaminants. Site 300 is one of the
22 most contaminated sites in the country, leaking multiple
23 chemical and radioactive contaminants into the soil and
24 groundwater aquifers. An alternative that foregoes outdoor
25 detonations with hazardous materials at Site 300 must be

1 analyzed in the Site-Wide Environmental Impact Statement.

2 What is the NNSA doing to address safe alternatives? And how
3 will this information be communicated to the public?

4 As residents of the Central Valley, we know that
5 prevailing winds, which are predominantly west to east most
6 of the year, will be blowing these hazardous and toxic
7 contaminants in the direction of our communities. These
8 blasts will degrade our air quality as well as threaten the
9 health and wellbeing of our residents and wildlife and impact
10 the economic progress of this area. Due to the seriousness
11 of this issue, I am taking it to the Manteca City Council for
12 their consideration and response.

13 We are aware that other communities and
14 organizations have expressed their concerns and protest to
15 the NNSA. We will continue to engage, including -- I will
16 continue to engage, including informing the populace through
17 media and other means of Livermore Lab's plan to pollute the
18 air we breathe at one of the most contaminated outdoor sites
19 in the country. Thank you.

20 MS. BOLTZ: Thank you for your comment. Our next
21 speaker will be Inga Olson. And as a reminder, if you've
22 made your comment you can click hand button to unraise your
23 hand. Thank you. Ms. Olson?

24 MS. OLSON: Yes. You had talked about the no-
25 action option and the proposed action, and I want to ask for

1 an alternative action that would increase the civilian
2 science at the laboratory and decrease weapons work. And I
3 make this proposal due to the dire changes that are occurring
4 with the climate, not only in California but the U.S. and the
5 world.

6 I believe that the lab's resources and staff are
7 needed to analyze and study and help come up with proposals
8 for to address climate change. And I also would like an
9 analysis about whether the lab is actually contributing to
10 climate change. But the long and the short of it is, I think
11 that the lab should focus more activities on civilian science
12 now and reduce its activities on weapons work.

13 Secondly, when the list of factors that --
14 different challenges that could happen at the lab with these
15 activities going on, I wanted to add one with the gun
16 violence and the dissension and violence in general happening
17 now in the U.S., I wanted it to be considered an employee
18 with a mental health problem who had security clearance
19 access to radioactive and toxic materials, that could be much
20 more serious than, you know, gun violence with access to
21 those materials. So, I would like that to be considered an
22 employee with mental health problems and if there is a
23 potential risk there.

24 Also, because of the earthquake at the -- that had
25 occurred at the lab previously that was fairly serious, I

1 know that the USGS has analyzed and stated that potential
2 impacts, earthquake impacts may be greater than they've
3 analyzed in the past. So, I want that to be thoroughly
4 evaluated, particularly in terms of those that new
5 information and new analysis that's coming out from the
6 United States Geological Society.

7 Also, over 2,000 employees have applied for
8 compensation and -- or their survivors, if they've already
9 passed away. And I'd like the SWEIS to analyze the causes
10 for those employees' illnesses or death in terms of the
11 workplace and to -- the SWEIS to ensure that the proposed
12 activities would not also cause harm to employees. I would
13 also like the SWEIS to consider the Nuclear Posture Review of
14 the next administration, which could be very different if
15 it's a different president, but also it could be very
16 different in terms of environmental changes that are
17 occurring in the U.S.

18 California has changed dramatically with wildfires,
19 but, you know, and Gulf States have changed dramatically with
20 hurricanes and events going on there. So, I think that the
21 SWEIS should consider any changes to the next Nuclear Posture
22 Review.

23 I'd also like the SWEIS to detail the scope and
24 time frame of the planned life extension program and also the
25 extent and qualities of the radioactive and toxic

1 contaminants that will be on site to accomplish those
2 activities.

3 I also wanted to comment on the expanded proposed
4 bomb blasts at Site 300, and I'd like those to be analyzed in
5 reference to similar activities occurring at other NNSA
6 sites. A thorough analysis and cost-benefit analysis needs
7 to be conducted about the need for a duplicative operations
8 happening whether that's necessary. I also would like an
9 analysis of what will the impact of new activities be on the
10 current radioactive and toxic contaminants in the sites -- at
11 both sites, in the soil, in the groundwater and in the
12 surface water. And that is it for right now. Thank you.

13 MS. GEBEYEHU-HOUSTON: Thank you for your comment.
14 I will defer to Jackie to see if there are any other comments
15 or questions.

16 MS. BOLTZ: Sorry, Fana; I was on mute.

17 MS. GEBEYEHU-HOUSTON: Okay...

18 MS. BOLTZ: I guess we've reached the end of our
19 list of speakers currently. If you would like to make a
20 comment again, you can raise your hand using the hand icon
21 that's at the bottom of the participant panel. You should
22 see that on the right side of your screen. And if you aren't
23 able to see the participants list, you should click the
24 participant icon which is at the bottom-right-side of your
25 screen. Again, if you're joining us by phone only and you

1 would like to make a comment, you can dial star 3 to raise
2 your hand. And as a reminder, you have two other ways to
3 submit comments. I'm showing this on the screen. You can
4 send them by e-mail to llnlweis@nnsa.doe.gov, that's the
5 recommended method. You can also send them by postal mail to
6 Ms. Fana Gebeyehu-Houston, that's F like Frank, a-n-a,
7 Gebeyehu-Houston, G-e-b-e-y-e-h-u-H-o-u-s-t-o-n, NEPA
8 Document Manager, NNSA, Livermore Field Office, P.O. Box 808,
9 L-293, 7000 East Avenue, Livermore, California, 94551-0808.

10 And again, the scoping period ends on October 21,
11 2020. Comments received after that deadline will be
12 considered to the extent practicable. And there's additional
13 project information and this presentation available on the
14 NNSA NEPA Reading Room website. That web address is
15 [https://www.energy.gov/nnsa/nnsa-](https://www.energy.gov/nnsa/nnsa-reading-room), N-E-P-A, -reading, R-e-a-
16 d-i-n-g, -room, R-o-o-m.

17 Again, if you would like to make a comment, you can
18 click the raise hand button or dial star 3 if you're joining
19 us on the phone. We will be on the line for about another 30
20 minutes until 7:30 p.m. to make a comment, you have until
21 that time to do so. And if you -- those who've already
22 spoken would like to add to their comments they can raise
23 their hand again.

24 MS. GEBEYEHU-HOUSTON: Jackie, I just want to take
25 a moment. This is Fana. I just want to take a moment to

1 respond to a few of the items that I think I can respond to
2 just from an administrative perspective at least. So, a
3 couple of things I just wanted to tell everybody. Typically
4 the time frame for an EIS does bridge the -- an
5 administration, so an EIS, typically based on the data that I
6 reviewed in our organization, takes between 3 to 4 years,
7 sometimes 5. And so, typically you end up bridging any
8 administration that you end up within. So, I offer that for
9 consideration and not as a rebuttal but just for
10 consideration.

11 I also want to assure everyone that a programmatic
12 description is usually a part of our SWEISs. So, you will
13 see a programmatic description within the SWEIS for both --
14 for all of the alternatives. I also heard some concerns
15 about being able to compare, and that is the, one of the
16 goals of a proposed action versus a no-action alternative is
17 to be able to compare affected environments and analyses
18 between the alternatives. So, no-action alternatives only
19 includes those things that have been approved for the coming
20 three years. So, I offer that also as just information.

21 And certainly based on what I heard in terms of the
22 affected environments and personnel and accident scenarios
23 would -- that in general would like to be analyzed, that the
24 scope of the EIS does usually include most of the affected
25 environments that I heard as well as the environment, safety

1 and health and personnel exposures.

2 Lastly, I just wanted to make sure that everyone
3 understands too that other government agencies are a part of
4 our comment, the people we reach out to for comment. So, we
5 not only reach out to the public but we, as a matter of NEPA
6 process, reach out to other government agencies for comment,
7 including other organizations within the Department of
8 Energy. So, again, offering that for information in response
9 to some of the comments that I heard and hoping that at least
10 provides a little bit more context. Thank you.

11 MS. BOLTZ: Thanks, Fana. We don't have anyone
12 else who has indicated that they would like to make a
13 comment. Again, I'll put the other methods of submitting a
14 comment information back on the screen. We will be on the
15 line until 7:30 p.m. Pacific. And I guess at this point
16 we'll just be in recess until and if anybody else indicates
17 they would like to make a comment. Again, if you're on the
18 phone and you would like to speak, you can dial star 3 to
19 raise your hand and we will recognize you to allow you to
20 make your comment. And for those who are joining us through
21 the Webex platform, you can raise your hand using the icon
22 that's on the right-hand side of your screen, at the bottom
23 of the participants' panel.

24 MS. GEBEYEHU-HOUSTON: So, I've reviewed the
25 comments a bit. And three more items I wanted to offer for

1 consideration to the public and the other commenters is that
2 there are at least two areas of the SWEIS that may be of
3 interest to you when it comes out, including accident
4 scenarios and intentional destructive acts which may cover
5 some of the areas that you have concerns about.

6 And then, also I want to encourage you to present -
7 - to include written comments, if there are specific
8 alternatives or data that you're expecting to see in it, I
9 would encourage you to -- to send in written comments or more
10 detailed information on those things, if available or if you
11 can. I also want to reiterate that if the deadline for
12 comments comes and you for some reason miss it, I encourage
13 you to still submit your comments. We can consider comments
14 after the close of the comment period to the extent
15 practicable. And so, even if you missed it by, you know, a
16 day or so, I encourage you to still send your comment in if
17 you have worked on it so that we can have the benefit of
18 having it.

19 And that's something we stressed on the first
20 public meeting, that for those of you that were not in the
21 first public meeting I think we should also make clear in
22 this case. So, send us your comments even -- especially on
23 scoping, if you missed the October 21st date. So, yeah, just
24 an additional note so that you can get the same benefit that
25 the first public meeting had of having that stressed.

1 MS. BOLTZ: Thanks, Fana. And the information to
2 submit comments by e-mail or mail is on the screen currently.
3 And again, if you would like to add to the comments that have
4 already been made, you can raise your hand using that hand
5 icon at the bottom of the participant panel or dial star 3 if
6 you're joining us by phone. We will be on the line for about
7 another 20 minutes until 7:30 Pacific to receive any
8 additional comments. And thank you all for joining us this
9 evening. If you do wish to exit the meeting, you can do that
10 by clicking on the red circle with the X in the control panel
11 at the bottom of your screen. Again, thank you for your
12 attention and for joining us this evening. We will be here
13 until 7:30.

14 And again, we have about 15 minutes remaining in
15 the meeting time. We will be on the line until 7:30 p.m.
16 Pacific. If you would like to make a comment between now and
17 the end of the meeting, you can raise your hand using the
18 hand icon as shown on the screen that's at the bottom of the
19 participants' panel. And if you're on the phone, you can
20 dial star 3 to raise your hand. And you can e-mail or mail
21 comments by the end of the comment period, which is currently
22 October 21st. Or if they're received after that date, they
23 will be considered to the extent practicable, so please go
24 ahead and submit them.

25 And again, there's additional project information,

1 including this presentation, found on the NNSA NEPA Reading
2 Room website which is [www.energy.gov/nnsa/nnsa-nepa-reading-](http://www.energy.gov/nnsa/nnsa-nepa-reading-room)
3 room. And if you would like to depart from the meeting, you
4 can click the X in the red circle at the bottom of the
5 screen. We will be on the line until 7:30. If you do leave
6 before that time, we'd like to thank you for your
7 participation and for your input into the scoping process for
8 the SWEIS. Thank you and stay safe.

9 And as we're nearing the end of the meeting time, I
10 just wanted to remind you of the different ways you can
11 submit comments following this meeting. The recommended way
12 is to submit them by e-mail. As you can see on the screen,
13 you can send them to [llnlsweis, S-W-E-I-S, @nnsa.doe.gov](mailto:llnlsweis,S-W-E-I-S,@nnsa.doe.gov) or
14 you can mail them to Ms. Fana Gebeyehu-Houston, that's F-a-n-
15 a G-e-b-e-y-h-u-H-o-u-s-t-o-n, NEPA Document Manager, NNSA,
16 Livermore Field Office, P.O. Box 808, L-293, 7000 East
17 Avenue, Livermore, California, and the ZIP Code is 94551-
18 0808.

19 Again, the scoping period ends on October 21, 2020.
20 Comments received after that date will be considered to the
21 extent practicable. And this presentation and other project
22 information are available on the NNSA NEPA Reading Room
23 website. That web address is <https://www.energy.gov>, that's
24 g-o-v, /nnsa/nnsa-nepa-reading-room. And again, I'd like to
25 thank everyone who joined us this evening for your

1 participation and your comments. This will conclude the
2 scoping meeting for the Lawrence Livermore National
3 Laboratory Site-Wide Environmental Impact Statement. This
4 meeting is adjourned at 7:30 p.m. Pacific Time. Thank you
5 again for your participation.

6 (WHEREUPON THE INTERVIEW WAS CONCLUDED)

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CERTIFICATE OF TRANSCRIBER

I, MURALIDHAREN K.V., do hereby certify that this transcript was prepared from audio to the best of my ability.

I am neither counsel for, related to, nor employed by any of the parties to this action, nor financially or otherwise interested in the outcome of this action.

October 20, 2020



DATE

MURALIDHAREN K.V.

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