Capital Reporting Company In Re: ULP PEIS Public Hearings 04-24-2013

BEFORE CHIP CAMERON, FACILITATOR

IN RE: U.S. Department of Energy Draft Uranium : Leasing Program Programmatic Environmental Impact: Statement Public Hearing.

> Telluride, Colorado Wednesday, April 24, 2013

PURSUANT TO NOTICE to all parties in interest, the above-entitled matter came on for public hearing on Wednesday, April 24, 2013, commencing at 7:04 p.m. at 725 West Colorado Avenue, Telluride, Colorado before Candice F. Flowers, Certified Shorthand Reporter.

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| 1 | PROCEEDINGS | |
|-----|--|--|
| 2 | MR. CAMERON: Good evening, | |
| 3 | everyone. I'm Chip Cameron and I would like to | |
| 4 | welcome you to the Department of Energy's public | |
| 5 | hearing on the Draft Uranium Leasing Program, | |
| 6 | Programmatic Environmental Impact Statement. And | |
| 7 | we are going to try to limit the use of acronyms | |
| 8 | tonight, but for obvious reasons, one that we will | |
| 9 | be using is PEIS, and you are probably going to | |
| 10 | hear that a number of times and probably want to | |
| 11 | use it yourself tonight. | |
| 12 | It's my pleasure to serve as your | |
| 13 | facilitator for tonight's meeting; and in that | |
| 14 | role, I will try to help all of you have a | |
| 15 | productive meeting tonight. I'm a private | |
| 16 | contractor working for Argonne National Lab, which | |
| 17 | is located in Chicago. And they are supporting the | |
| 18 | Department of Energy in the preparation of this | |
| 19 | draft PEIS. | |
| 20 | I just want to go over a few logistics of | |
| 21 | tonight's meeting so that you know what to expect. | |
| 22 | I want to tell you about the objectives for the | |
| 23 | meeting, the agenda for the meeting, and then just | |
| 24 | go over some simple ground rules that will help us | |
| 2.5 | to have a maduative mosting tonight | |

1 In terms of the objectives, there are two objectives. The first one is to give you information on what's in the draft PEIS, and in a 3 few moments, Ray Plieness, who is right here, from 5 the Department of Energy will be giving you an 6 overview presentation on the PEIS. The second and most important objective 7 is to hear from you, to listen to you, your 8 9 recommendations, your concerns, your advice on the 10 alternatives and potential impacts that are discussed in the PEIS. The Department has also 11 12 requested written comments on the draft PEIS. 13 comment period has been extended from May 16th to 14 May 31st. 15 Hopefully, tonight's presentation by the 16 Department and the discussion that you might have had with the Department representatives and their 17 18 experts by the posters before the meeting started 19 and after the meeting, hopefully that will help 20 you, that will enlighten your written comments. 21 But I just want to emphasize that anything that you 22 say tonight will carry as much weight as written 23 comments, and you are free to do both: 24 tonight and submit a written comment. There's a 25 sign-up sheet out front for anybody who wants to

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4 talk tonight. We are taking a transcript of the 2 Candice is our court reporter tonight, 3 and that transcript will be available to the 5 public. 6 The agenda tonight is pretty 7 After Ray gives you an overview, straightforward. we are going to go straight to public comment, to 9 the people who signed in tonight. And what I'm going to do is I'm going to be operating up here, I 10 11 will use this microphone, I will call your name, 12 and if you could come down to the mic and introduce 13 yourself, give us your affiliation, if appropriate. 14 And we have you facing away. Usually we 15 have you facing to the audience, but we need to 16 make sure that Candice -- she needs to see you 17 talking to make sure that we get a true transcript 18 of the meeting, so that's the way we are going to 19 do that. 20 The Department and its experts are going 21 to be available by the posters after the meeting to 22 answer any questions you have either about the PEIS 23 process or any of the information that's in the 24 And we are doing that by the posters because PEIS.

there's a lot of information there and the

- 1 Department may want to refer to some of that
- 2 information when they are answering your question.
- 3 When you go out there after the meeting,
- 4 if you see the people who have the name tags on, if
- 5 you have a question or if you want to talk about
- 6 something, just ask one of them. And if they can't
- 7 answer the question for you, they will get the
- 8 right person to answer the question.
- 9 Some simple ground rules for the meeting
- 10 is we want to make sure we hear from everyone
- 11 tonight, so I'm going to ask you to follow a
- 12 four-minute guideline in your presentation. And I
- 13 will let you know when you are getting close to
- 14 four minutes so that you can sum up for us. If you
- 15 have more to say, you can amplify through a written
- 16 comment tonight.
- 17 Secondly, I wanted to tell you that the
- 18 Department is here to listen carefully to your
- 19 comments tonight. They are not going to be
- 20 responding to your comments after you give them
- 21 tonight, but they will listen carefully and they
- 22 will be evaluating all of your comments as they
- 23 prepare the final PEIS.
- We are scheduled to end at 9:00 tonight,
- 25 but we will stay until we hear everybody who has

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signed up to speak tonight, even if that's after 2 9:00. 3 Just in terms of some administrative details, you probably know this already, but the 5 restroom, if you go out that door, they are down 6 the hallway to your right. And the standard announcement that we always make in terms of 7 emergency exits, there is one right there and there 8 is one right over there. 10 And with that, let me introduce Ray 11 Plieness, who is the document manager for the 12 Uranium Leasing Program PEIS, but he's also the 13 hearing officer for tonight's hearing. 14 And, Ray, I will put this in here for you 15 and you can take it away. 16 MR. PLIENESS: Thank you, Chip. First, I would like to welcome you all here. I 17 18 know a lot of you are spending your personal time 19 and we have spent a lot of time on this PEIS. 20 about a 1200-page document with a lot of 21 information. It's missing one major component, and 22 that's public input. And the reason we are here 23 tonight is to continue that process, because it 24 requires a thorough and in-depth review by the

public to help us make it better and to make the

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best informed decision we can. We were in Grand Junction, Colorado on 2 Monday night, Montrose last night, we are here, of 3 course, tonight, and then we will be going to Telluride tomorrow. 5 6 AUDIENCE MEMBER: You're in 7 Telluride. Naturita. 8 MR. PLIENESS: Excuse me. We're going to leave from here and go down to 10 Naturita. 11 This is an overview of our presentation 12 We're going to talk about the purpose and 13 need for the agency to evaluate this, the proposed 14 action, the uranium leasing background, some of the 15 history of this program, talk about the cooperating 16 agencies that are assisting us and have assisted us 17 and will continue to assist us, consultation with the U.S. Fish and Wildlife Service, the five 18 19 alternatives that we have evaluated, and I'll try 20 to differentiate for you what differences there are 21 between those alternatives, and then we'll talk 22 about the preferred alternative and, most 23 importantly, the next steps. 24 The purpose and need of this particular

program -- the purpose and need for agency action

- 1 is to implement basically two laws: The Atomic
- 2 Energy Act as well as the 2005 Energy Policy Act.
- 3 Within that we need to evaluate the existing
- 4 program and determine the future course of the
- 5 uranium lease program.
- The proposed action is just that. It's
- 7 two things: First and foremost, does this program
- 8 continue and, if it does continue, under what
- 9 management structure and approach do we take to
- 10 continue the program.
- 11 The lease program started back in the
- 12 1940s. The first program was in 1948 and it went
- 13 on to 1962, and then we had another 20-year program
- 14 from '74 to '94, another extension of that program
- 15 in '96 to 2008. These are the historical
- 16 activities. Those leasing programs provided about
- 17 8 million pounds of uranium, 41 million pounds
- 18 basically of vanadium, with a royalty payment of
- 19 \$65 million. The royalties for this particular
- 20 program, we have both an annual royalty, which is
- 21 paid whether there's any mining or not, and we also
- 22 have a production royalty if there is mining
- 23 activity that actually happens on the lease tracts.
- 24 The current program, which started in --
- 25 actually, under an environmental assessment in

- 1 2007, has 31 lease tracts. 29 of those lease
- 2 tracts are actually leased at this point. Eight of
- 3 those tracts have mines on them; actually nine
- 4 mines on eight tracts. And two additional lease
- 5 tracts are currently inactive and will remain so
- 6 indefinitely.
- 7 The lease tracts basically follow along
- 8 Highway 141, south of Gateway, north of Egnar.
- 9 Most of you live here so you are more familiar with
- 10 that than I. I lived in Grand Junction for 22
- 11 years, but you probably know this area much better
- 12 than I.
- One of the things I wanted to say: If
- 14 anybody is not sure where these are at, we have Ed
- 15 Cotter here that works for us with our contractor,
- 16 and while they are easy enough to see on a map,
- 17 they're not that easy to find in the field. So he
- 18 may be able to give you some pointers if you are
- 19 interested in them.
- The current program is in a stay status.
- 21 After we published the notice of intent to proceed
- 22 with the PEIS, the U.S. District Court of Colorado
- 23 came up with two orders in a lawsuit, which the
- 24 plaintiffs had alleged DOE's 2007 PEA -- which was
- 25 the Programmatic Environmental Assessment at that

- 1 time -- and the FONSI violated NEPA and the
- 2 Endangered Species Act.
- 3 The Court ordered on October 18, 2011 a
- 4 stay of all lease activities. In February, after a
- 5 request from DOE, they allowed activities to happen
- 6 that assured protection of public health, if there
- 7 was anything on the lease tracts on the nine mines,
- 8 as well as any requirements that the state has for
- 9 vegetation control and other activities that are
- 10 not related to moving forward with any mining or
- 11 other activity, other than protection of human
- 12 health and the vegetation.
- One of the things that we have worked
- 14 very hard on is coordination and communication with
- 15 the federal, state, county as well as our American
- 16 Indian tribal governments in developing this draft
- 17 PEIS. As cooperating agencies, they give us input
- 18 and expertise in their area of the field that they
- 19 manage, as well as can see the draft ahead of time
- 20 and provide comments.
- On the federal side, we have spent a lot
- 22 of time with the Bureau of Land Management as well
- 23 as the EPA organization out of Denver, the regional
- 24 office.
- 25 In the state of Colorado, three primary

- 1 entities have been involved: The Department of
- 2 Transportation; Reclamation, Mining and Safety as
- 3 well as the Colorado Parks and Wildlife. The
- 4 transportation people have been critical, as this
- 5 program evaluation would include a fair amount of
- 6 transportation. The Reclamation, Mining and Safety
- 7 group manages all mining within the state,
- 8 including mines that are on these lease tracts, if
- 9 and when that happens. And then, of course, the
- 10 Parks and Wildlife and protection of wildlife
- 11 interests throughout the area.
- Mesa County, Montrose County as well as
- 13 San Miguel and San Juan Counties have actively
- 14 participated in the draft PEIS, and five Indian
- 15 tribal entities have also participated.
- As a requirement of Section 7 under the
- 17 Endangered Species Act, any federal agency is
- 18 required to evaluate its impact on endangered
- 19 species for any action they undertake. We have
- 20 been in informal consultation with the Fish and
- 21 Wildlife Service for about a year. We looked at
- 22 all of the issues identified within the lease
- 23 tracts. We assumed we would have 19 mines going at
- 24 the worst case at any given time. All of our
- 25 evaluations are based on that worst case.

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1 And in this particular case, we developed a biological opinion that evaluated our impact on the wildlife. We find that the determination is 3 not likely to adversely affect most species or their critical habitat. In our BA draft and in the 5 final, we -- it's also stated in the final BA, but in our draft PEIS, you will see a statement on the fish for the Colorado River that says we also did determine that we were not going to affect them in 10 an adverse way. 11 We have changed that determination and 12 our BA is being resubmitted to the Fish and 13 Wildlife Service, because the Fish and Wildlife 14 Service has determined that anything above .1 15 acre-feet of water depletion from the upper 16 Colorado River is indeed an adverse impact to the 17 endangered fish species. In our particular lease 18 tracts, the worst year for our estimate is 19.1 19 acre-feet, which is well above that, so we will be 20 going to formal consultation with the Fish and 21 Wildlife Service starting next week. 22 Within the PEIS, we basically took 14 23 environmental resources and areas to evaluate from 24 human health to air quality to acoustic 25 environment, analyzed each one of those with the

- 1 data we had from our specific sites as well as
- 2 other data that we can garner from other mining
- 3 operations, both internal to the U.S. as well as
- 4 some stuff from international areas. We tried to
- 5 get the most conservative information we could in
- 6 our evaluation to come up with what are the impacts
- 7 or potential impacts that could occur from those
- 8 actions that we have identified in the PEIS.
- 9 Additionally, we evaluated cumulative
- 10 impacts. I use the term -- you evaluate your
- 11 additional impact to the entire environment. It
- 12 might be the straw that broke the camel's back.
- 13 Even if you had very little impact, it might just
- 14 be too much on a resource area. It takes into
- 15 account the existing, current as well as past, and
- 16 reasonably foreseeable actions within an area.
- 17 We used a 50-mile radius around the lease
- 18 tracts, so all actions that we could reasonably see
- 19 that will happen there or are currently happening,
- 20 we added our impacts on top of that to evaluate the
- 21 cumulative impacts as well as evaluation of
- 22 measures that could minimize those impacts.
- 23 Those are resource areas such as
- 24 compliance actions, requirements by federal, state,
- 25 or local laws, and then we call them mitigation

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- 1 measures. Those are things that we put into
- 2 existing leases or they could be added to the
- 3 leases to ensure additional actions in regulation
- 4 of our leases. And then best management practices,
- 5 those things that the industry does as a general
- 6 practice and should be assumed that they would
- 7 happen in this case as well.
- 8 I think Table 5.1, if you are not
- 9 familiar with that, identifies those mitigation --
- 10 those measures that would mitigate these impacts,
- 11 and it's a pretty important table to be comfortable
- 12 with because I think it helps understand some our
- 13 evaluation.
- 14 The five alternatives: Alternative 1, I
- 15 stated I think in Montrose, is basically the no
- 16 mining option. We would reclaim the existing mines
- 17 and we would hold the leases in abeyance basically
- 18 within DOE.
- 19 Alternative 2 is very similar to
- 20 Alternative 1, except once we reclaim the mines and
- 21 any disturbances from the lease tracts that were
- 22 associated with our leases, we would petition to
- 23 return those to BLM, to the public domain. If BLM
- 24 and DOE accepted that, they would go back to the
- 25 public domain and they would operate the 25,000

- 1 acres in accordance with their multipurpose
- 2 resource management plans. So I can't say that
- 3 wouldn't include mining; I can just say it wouldn't
- 4 be our decision.
- 5 Alternative 3 would return to July 2007
- 6 when we had 13 existing leases and allow those to
- 7 proceed for ten years or for a reasonable period
- 8 past that.
- 9 Alternative 4, our preferred alternative,
- 10 would continue the lease program for 31 leases for
- 11 a period of ten years or a reasonable period after
- 12 that. The difference between Alternative 4 and 5
- 13 is a timing issue. The 31 leases that we proceeded
- 14 with, 29 of which are existing leases, started in
- 15 2008. This particular alternative would indicate
- 16 that they would have the original ten-year period,
- 17 but the program would end after that. So by 2018,
- 18 we would have to either evaluate another document
- 19 or we would have to stop the program. So
- 20 Alternative 4, you start ten years now.
- 21 Alternative 5, you started your ten years back in
- 22 2008.
- 23 Does that make sense? Do you understand
- 24 the difference? Okay, thanks.
- DOE's preferred alternative is

- 1 Alternative 4, as I mentioned. The assumed
- 2 evaluation assumes 19 mines would be operating in
- 3 the peak year for that particular alternative. The
- 4 number of mines that were operating in 1980 at the
- 5 peak of the uranium production in this area was 20
- 6 mines on the lease tract, so we assume 19. The
- 7 maximum that we have ever seen is 20.
- 8 So what are the impacts as we evaluated
- 9 them? The impacts are generally negligible to
- 10 moderate. Alternative 1 and Alternative 2 would be
- 11 reclamation. While those alternatives would be
- 12 less impactive, they would have impacts as well.
- 13 Alternatives 3, 4, and 5, which would include
- 14 mining or could include mining, those alternatives
- 15 would be more, and 3 would be less than 4 just by
- 16 the number of mines that could be operated. And 5,
- 17 actually, in our evaluation is the highest impact
- 18 alternative, because if it's productive to mine,
- 19 the period is very short and they would go very
- 20 fast to try to get the ore out of the ground.
- 21 Cumulative impacts, again, were in a
- 22 range of negligible to moderate with the overall
- 23 contribution of the uranium lease program to be
- 24 minor compared to the cumulative for all activities
- 25 within the region. With the implementation of

- 1 compliance measures, we would find that between
- 2 best management practice, mitigation measures, and
- 3 those compliance measures, the ULP activities would
- 4 be minimized and would be in compliance with all
- 5 federal, state, and local laws.
- 6 So as I mentioned earlier and Chip
- 7 mentioned earlier, we are here to listen to your
- 8 comments, because we can do all the evaluations and
- 9 have technical differences as well, but what we
- 10 need to do is hear from the public on what they
- 11 think.
- 12 We started this process back on June 21,
- 13 2011, and we are now at the point where public
- 14 comments are available or ready to be accepted up
- 15 to May 31st. After that, we would issue a final
- 16 PEIS. We anticipate that happening sometime at the
- 17 end of this fiscal year -- actually, calendar year,
- 18 sometime in the December time frame, and a final
- 19 record of decision. So if you are familiar with
- 20 the NEPA process, that's really when the final
- 21 decision is made, that record of decision. And
- 22 that we anticipate happening sometime before March
- 23 of 2014.
- So at this point, I will hand it back to
- 25 Chip to start the public process.

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18 1 Chip, anything else I should bring to attention? 3 MR. CAMERON: No. I think we are ready to go to public comment. 5 We have two representatives from the Telluride Town Council with us tonight, and I'm 7 going to start with them, with Chris Myers and Bob Saunders, and then we are going to go to Shauna 8 9 Palmer, Randy Parker, and Jennifer Parker. 10 And, Chris, if wouldn't mind coming up 11 here. 12 CHRIS MYERS: Can we start with Bob? 13 MR. CAMERON: Are we starting with 14 Bob? Okay. All right. 15 BOB SAUNDERS: First of all, I would 16 like to say I'm for Alternative 1. And also I have a couple of photographs here. Is there a way to 17 enter those into the record or ... 18 19 MR. PLIENESS: Yes. 20 BOB SAUNDERS: I'll get to those in 21 a second. 22 There's so much wrong with the nuclear industry and uranium, in general, it's hard to know 23 24 where to start. Uranium, when processed, is one of 25 the most toxic substances on the planet. We have

- 1 so many substances on the planet that are polluting
- 2 our environment already, and yet we continue to
- 3 mine and process uranium which has the potential of
- 4 polluting our planet for a much longer time than
- 5 most other substances.
- A couple of examples: Since 1946, the
- 7 U.S. Navy dumped 55-gallon drums of nuclear waste
- 8 near the Farallon Islands, some 30 miles off the
- 9 California coast near San Francisco. They simply
- 10 threw the 55-gallon steel drums over the side of
- 11 the ships. When the drums failed to sink, which
- 12 was most of the time, they used the drums for
- 13 target practice and shot them full of holes,
- 14 letting water in and nuclear waste out.
- This went on until the 1990s. It was
- 16 estimated that almost 50,000 drums were dumped near
- 17 the Farallons alone and many hundreds of thousands
- 18 of drums in about 50 sites in the oceans. The U.S.
- 19 was not alone in this. Russia, China, Japan, New
- 20 Zealand, and most of the European countries are
- 21 also culprits.
- In Fallujah, there has been a huge
- 23 increase in birth defects, infant mortality,
- 24 childhood cancers, and all cancers. It has been
- 25 reported there has been a fourfold increase in all

- 1 cancers since Fallujah was attacked in 2004.
- 2 There's been a twelvefold increase in childhood
- 3 cancers. Infant mortality is four times higher
- 4 than in Jordan and eight times higher than in
- 5 Kuwait. There has been a thirty-eight-fold
- 6 increase in leukemia, ten times the normal rate for
- 7 breast cancer, significant increase in lymphoma and
- 8 brain tumors as well.
- 9 There has also been a noticeable drop in
- 10 the male birthrate since 2004, suggesting that
- 11 genetic damage from radiation exposure is more
- 12 prevalent in male than female fetuses. There was a
- 13 similar drop in the male birthrate after the
- 14 bombing of Hiroshima.
- 15 In Fallujah, this has been attributed to
- 16 the use of depleted uranium and ammunition used by
- 17 the U.S. military. There have been many people
- 18 exposed to radiation, both from the attacks and the
- 19 aftermath when scavengers went into the battle
- 20 fields to retrieve any metal that might be of
- 21 value.
- Here in this country, there are many
- 23 examples of cancer and other illnesses related to
- 24 exposure to uranium and other radioactive
- 25 substances. There was a huge toxic spill on the

- 1 Navajo reservation near Church Rock which dumped
- 2 huge amounts of radioactive waste into the Rio
- 3 Puerco. The Navajo nation is still feeling the
- 4 effects of that exposure and higher cancer rates
- 5 and other associated diseases.
- 6 The one photograph there is a billboard
- 7 seen outside of Tomb City alerting uranium workers
- 8 that home nursing was available at no cost. The
- 9 other photo is a glass top table on my deck. It is
- 10 a clear glass top table. It is covered with dust
- 11 from a storm the likes of which we get here in the
- 12 San Juans. The dust is picked up west of here and
- 13 deposited in the mountains. There are already
- 14 uranium mines in the west end of our county that
- 15 could be contributing to the dust you see in this
- 16 photo. We are right downwind from the source.
- 17 Is it possible to tell if the dust comes
- 18 from the mines? Maybe not. Is it worth the risk
- 19 to open up more mines in the west end? Absolutely
- 20 not.
- 21 The uranium industry, by and large, has
- 22 been a terrible polluter in the past and the
- 23 present. The Cotter Mill in Cañon City is a
- 24 perfect example of the industry's lack of
- 25 conscience when it comes to the pollution they

- 1 create. The Schwartzwalder mine in Jefferson
- 2 County, Colorado is an example of a mine that is
- 3 polluting the groundwater which runs into Ralston
- 4 Creek and then Ralston Reservoir, a source of
- 5 drinking water for Denver and Arvada. The CDPHE
- 6 and the EPA seem either unwilling or unable to hold
- 7 the owners of the mine and the mill accountable for
- 8 the ongoing health hazard they are creating.
- 9 Why am I bringing these statistics to
- 10 you? Because it starts here. It starts with the
- 11 DOE. It starts with you. Any further development
- 12 of the uranium industry starts with you. The
- 13 permits you issue allow the pollution of our
- 14 environment to continue. The permits you issue
- 15 allow more of the kind of disease that I have
- 16 described to continue.
- There are many new and developing sources
- 18 of green and renewable energy that are coming
- 19 online that will allow us to continue to live the
- 20 lifestyle we are accustomed to without the cost to
- 21 life and environment that the nuclear industry
- 22 brings along with it. It's time to stop mining and
- 23 milling uranium now while we still have a chance to
- 24 save the environment that supports us and all the
- 25 people who will follow us. It starts here. It

- 1 starts with the DOE. It starts with you.
- 2 Sorry. I forgot to introduce myself.
- 3 I'm Bob Saunders, Mayor Pro Tem of Telluride,
- 4 although I'm speaking for myself. Thank you for
- 5 your time.
- MR. CAMERON: Thank you. Now we
- 7 will go to Chris. This is Chris Myers.
- 8 CHRIS MYERS: My name is Chris
- 9 Myers. I serve on the Telluride Town Council and I
- 10 have for three years, but I'm here tonight speaking
- 11 as a citizen. Given that the comment period for
- 12 written comments has until May 31st, it's likely
- 13 that the Telluride Town Council will issue formal
- 14 written comments and send those along shortly.
- 15 First, I would like to address some
- 16 broader issues, which I think Bob touched on.
- 17 First and foremost is that in 60 years of nuclear
- 18 industry in this country, we have failed as a
- 19 country politically and as citizens to ever come up
- 20 with a place for disposal of radioactive waste.
- 21 I'm absolutely flabbergasted that we are
- 22 considering increasing the supply of uranium in the
- 23 marketplace when we have failed miserably. Nobody
- 24 wants it in any of their communities, in their
- 25 backyard, so why are we even considering the

- 1 possibility of expanding supply in this country.
- 2 Two, in 2008, there was a general
- 3 accounting office report that basically looked at
- 4 the revenues generated by the oil and gas industry
- 5 by leases and royalties and also looked at those
- 6 royalties and leases, lease income, generated by
- 7 the hardrock mining industry and found them
- 8 woefully inadequate based on the 1872 mining law.
- 9 There was a Congressional initiative that
- 10 has still failed to try and change that situation,
- 11 but there's potentially hundreds of millions of
- 12 dollars of royalties that are not secured by the
- 13 mining of uranium and other hardrock minerals,
- 14 which is basically taking away the legacy and
- 15 royalties from future generations in this country.
- 16 So I don't think that we should be even exploring
- 17 more extraction of hardrock minerals until we
- 18 figure out how we can better sustain income for the
- 19 public.
- Three, on national security, there's no
- 21 guarantee that this uranium that is mined is going
- 22 to serve the United States. Quite likely, it could
- 23 be mined by foreign countries and exported to other
- 24 nations. How does that benefit the national
- 25 security? The Atomic Energy Act and the DOE

- 1 policies before to manage the Uranium Leasing
- 2 Program was for national security. These lands
- 3 were isolated and maintained after World War II for
- 4 the benefit of the U.S. people and the government.
- 5 That seems to be missing from this discussion.
- Four, recently the Town of Telluride was
- 7 trying to appeal to the Colorado Department of
- 8 Public Health and Environment to protect the
- 9 Telluride environment and San Miguel County. They
- 10 were looking at permitting -- which is still in the
- 11 permitting process -- the first uranium mill to be
- 12 approved in 25 years 55 miles upwind from
- 13 Telluride.
- 14 In order for Telluride to protect its
- 15 environment and the health of our community, we are
- 16 having to spend our own dollars to conduct a
- 17 baseline study to establish a baseline for
- 18 radionuclide presence in fugitive dust or in our
- 19 water supplies here in this part of our county.
- 20 Why are we doing that, and the CDPHE, our state
- 21 government, is not doing that? Is the federal
- 22 government prepared to help us protect our
- 23 environment, should this program go forward with
- 24 the leasing of these public lands? I don't believe
- 25 so, and I don't have the confidence in what's been

- 1 demonstrated to me by our state government.
- 2 Addressing the PEIS specifically: A,
- 3 water. Water is the new gold in the wild west.
- 4 Civilizations rise and fall based on water
- 5 supplies. When I was reading outside -- and I need
- 6 to read more deeply into the PEIS -- I saw a figure
- 7 of 8 million gallons per year used for Alternative
- 8 5. There was no such figure for Alternative 4, but
- 9 it was said to be similar. I would love to know
- 10 where that number is coming from; where that water
- 11 is coming from. It's a critical issue. That is
- 12 the mineral we should be preserving for the
- 13 economies and the people of this region. I will
- 14 come back to some other issues with water as it
- 15 relates to climate change.
- It doesn't appear that the PEIS addresses
- 17 the changing climate issues. Though there are some
- 18 parcels which I completely object to that are
- 19 immediately adjacent to the shores of the Dolores
- 20 River, meaning that there's virtually an
- 21 impossibility of protecting our watershed from
- 22 contamination, but when you have lease parcels that
- 23 appear in an arid environment and we're getting
- 24 more and more violent events that create
- 25 flash-flooding -- the 100-year events seem to be

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- 1 more like 25-year events now. I think we are
- 2 basing data on the effect in terms of weather
- 3 impacts and rainfall patterns -- it's old. We need
- 4 to be revising that and looking at what is
- 5 currently affecting our weather patterns.
- 6 Third, in terms of the reclamation of
- 7 Alternatives 1 or 2, it seems to sound pretty awful
- 8 that there is going to be dust disturbance and
- 9 invasive weeds, and I'd like to see that if we are
- 10 going to be looking at reclaiming in Alternatives 1
- 11 and 2, which are the two that I would favor at this
- 12 point, is that I would like to see a thorough study
- 13 done because maybe some sites don't need to be
- 14 touched, if there aren't issues there.
- 15 MR. CAMERON: Chris, I'm going to
- 16 have to ask you to sum up for us now.
- 17 CHRIS MYERS: Terrific. I have two
- 18 last points.
- 19 On endangered species, just in brief, in
- 20 hearing -- I heard in informal consultation with
- 21 the Fish and Wildlife that there's not likely to be
- 22 adverse effects, I support that you are revising
- 23 your BA, and I hope we get new data on the
- 24 endangered species.
- 25 E, I was frustrated to read about the

- 1 socioeconomic impacts. They seem to have been
- 2 written in a vacuum. It says refer to the land use
- 3 impacts. They don't reflect a geographic study and
- 4 examination of our region. I think that's
- 5 sufficient to say, but given the billion-dollar
- 6 impact of our economy in this region that's based
- 7 on recreation and a state that has one of the
- 8 strongest renewable energy economies in the
- 9 country, I think we need to be looking at this
- 10 very, very differently.
- 11 Thank you.
- MR. CAMERON: Thank you very much
- 13 for your specific comments, and we are going to
- 14 hear from Shauna. This is Shauna Palmer coming up.
- 15 SHAUNA PALMER: Shauna Palmer, area
- 16 resident, property owner, and taxpayer. Thank you
- 17 for this opportunity to comment.
- 18 Some quick questions that I jotted down.
- 19 I'm not asking for answers right now, but when I
- 20 heard your presentation, I'm just curious to hear
- 21 why the County prefers Alternative 1 to Alternative
- 22 2. Not that I'm questioning it; I just -- it would
- 23 be great to hear.
- 24 The two lease tracts that will remain
- 25 inactive indefinitely, I'm curious on what basis

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- 1 you say that. How do we know we can count on that.
- 2 Another question, 1 acre-foot versus 19
- 3 acre-foot, if I heard that right. You decided that
- 4 it actually would impact. That's quite a
- 5 significant oversight. And I have a feeling that
- 6 that's an example of one of the reasons that the
- 7 Department earns some scepticism from the public
- 8 that you serve, those of us that you work for.
- 9 Just to make a point about that.
- 10 The cumulative impacts are considered --
- 11 they are considered in this and I'm wondering,
- 12 really, because even if the State Health Department
- 13 doesn't -- and I realize there's jurisdictional
- 14 issues there, but that's another issue I'm
- 15 skeptical about.
- Negligible cumulative impacts, that some
- 17 of them were considered negligible? Uranium mining
- 18 impacts are negligible compared to other impacts
- 19 like recreation? To me, that's a Twilight Zone
- 20 kind of thing. I'm showing my age here with that
- 21 older TV show. But just some of the things you
- 22 guys say, I just do not understand how it could
- 23 possibly be true.
- But mostly I wanted to just say that I
- 25 would echo that the uranium/nuclear industry is

- 1 like a dinosaur, and the United States is behind
- 2 even the major economies and countries, even of
- 3 Europe, in switching. We say we want to switch,
- 4 but we have not paid attention; we are not living
- 5 our words. The federal government could be leading
- 6 that, including the Department of Energy. You guys
- 7 could be heros in leading us; instead, we are being
- 8 dinosaurs.
- 9 The huge risks -- I think this sums it
- 10 up. I mean, there are numerous things. It
- 11 undermines the alleged goal of switching to
- 12 sustainable energy. It hurts national security
- 13 because, like Chris said, it can go to foreign
- 14 countries. It could be used against us, including
- 15 the barium mill permit that was given. His
- 16 contacts are mostly, from what I've read, with
- 17 other countries.
- 18 It also could be used against us, even if
- 19 it goes into just nuclear power, because our
- 20 nuclear power plants are not even adequately
- 21 protected for security reasons, either from
- 22 terrorism or even from natural events. They tend
- 23 to be, it seems like, built on earthquake faults.
- We also used to hear that nuclear power
- 25 was cheap. That's only true if you do not include

- 1 adequate, cost-effective analysis of true security
- 2 and cleanup, which the industry knows it has not
- 3 done. Nuclear power is clean. That's even a boqus
- 4 argument.
- 5 But when you really look at the bottom
- 6 line, the huge risks, dangers, and costs of the
- 7 uranium/nuclear industries are well known by the
- 8 informed. They are so well known that the industry
- 9 would have collapsed -- this is what I have read
- 10 extensively -- would have collapsed if not for its
- 11 success at lobbying for taxpayer moneys, low-cost
- 12 government loans, if not outright investments, and
- 13 programs like the Superfund site and the programs
- 14 that take care of uranium miners after they have
- 15 lost their health.
- 16 MR. CAMERON: And, Shauna, could you
- 17 wrap it up.
- 18 SHAUNA PALMER: Okay. So in other
- 19 words, taxpayer subsidies are necessary to prop up
- 20 this industry because the private sector does not
- 21 adequately invest or even insure the nuclear
- 22 industry and the toxic sites that are left behind,
- 23 and you don't have a plan to do that yet. I think
- 24 it's insanity, frankly, to continue.
- 25 MR. CAMERON: Thank you, Shauna, for

- 1 those comments. We are going to go next to Randy
- 2 Parker and Jennifer Parker.
- RANDY PARKER: As a year-round
- 4 resident of Ridgway, Colorado, I'm very concerned
- 5 about the Department of Energy's proposed leasing
- 6 of public lands for uranium exploration and mining.
- 7 There are better choices that will not adversely
- 8 affect the citizens of Western Colorado, their
- 9 health, their water, their air, their economy, than
- 10 increased uranium development.
- 11 The inherent boom/bust cycle of the
- 12 uranium industry has failed to provide any
- 13 long-term economic gain to our region. In fact,
- 14 the history of uranium mining in this region has
- 15 been a legacy of waste and radioactive
- 16 contamination that continues to burden the
- 17 taxpayers of this region and the state of Colorado.
- I noted the 65-million-dollar figure that
- 19 was generated as revenue from these leases. That
- 20 pales in comparison to the \$1 billion the taxpayers
- 21 of the state of Colorado have paid to clean up the
- 22 nuclear industry.
- 23 The future of Western Colorado and the
- 24 Telluride and Ridgway region, in particular, is
- 25 based on agriculture, conservation, recreation, and

- 1 tourism, all of which will be threatened by
- 2 increased uranium exploration and development.
- 3 The PEIS, by limiting its scope to a
- 4 50-mile buffer region surrounding the lease tracts,
- 5 fails to adequately analyze the cumulative effect
- 6 of increased uranium mining on this region. The
- 7 potential impacts of radioactive releases in
- 8 environmental contamination were not thoroughly
- 9 studied and were not considered in conjunction with
- 10 the impacts from mining on non-leased public land
- 11 in the region.
- The PEIS also failed to adequately
- 13 consider the cumulative effects of increased
- 14 uranium mining on the region's roads, bridges, and
- 15 rivers. Given the history of incomplete and
- 16 inconsistent uranium mining cleanup in this region
- 17 and in the industry as a whole, I urge the
- 18 Department of Energy to adopt a transparent process
- 19 that leads to a uniform, modern standard of
- 20 reclamation that returns all uranium mining areas
- 21 to their original condition.
- 22 Before any more public land is offered to
- 23 be leased for uranium mining, the Department of
- 24 Energy should put people to work reclaiming old
- 25 sites and cleaning up the past uranium legacy that

- 1 continues to haunt the region. It is totally
- 2 irresponsible to propose additional leasing of
- 3 public land for uranium development and mining
- 4 before the previously leased parcels are reclaimed.
- 5 Cleaning up old uranium mine sites will
- 6 create permanent jobs in the region which will
- 7 strengthen our economy and create jobs in our rural
- 8 communities. Once these disturbed areas are clean,
- 9 the Department of Energy can take advantage of the
- 10 recognized potential for solar energy in the leased
- 11 areas by developing renewable energy projects on
- 12 these sites.
- 13 Thank you for considering my comments.
- 14 MR. CAMERON: Thank you. Now we
- 15 will have Jennifer Parker.
- 16 JENNIFER PARKER: So many of the
- 17 people that have spoken before me have hit upon a
- 18 lot of my points, so I won't belabor them. But I
- 19 do have to say that my impression, and it is an
- 20 impression, of the uranium industry is that it's
- 21 dirty, dangerous, and deadly. We have so many
- 22 people in this area who are receiving help with
- 23 diseases that they have, with conditions that they
- 24 have and, like some of the people before me have
- 25 said, it seems insane to be even considering this.

- 1 We have a stockpile of uranium that I
- 2 understand -- and I could be misinformed -- that
- 3 will last us 100 years. We also know that the
- 4 uranium in the ground is the safest possible place
- 5 for it to be. I would agree with my husband, which
- 6 doesn't happen very often, and that is that we
- 7 should reclaim the mining sites that we have,
- 8 putting people to work to do so, and then using
- 9 those areas, since they are already set aside, for
- 10 renewable energy. There is no question we have
- 11 plenty of sun in Colorado and plenty of wind.
- 12 Thank you.
- MR. CAMERON: Thank you, Jennifer.
- 14 We are going to go to Catherine Peterson next and
- 15 then to Paul Szilagyi.
- 16 CATHERINE PETERSON: I'm actually
- 17 thinking of moving closer, over to Norwood, to this
- 18 area, so I guess I should go to the other hearing
- 19 also in Naturita.
- 20 But it seems like in talking to you, it
- 21 feels like you are being held hostage, that when
- 22 you talk about your options, that you're like, oh,
- 23 well, we have to settle on something in the middle.
- 24 And when we talk about Option 2, it's like, okay,
- 25 well, if we don't do Option 1, Option 2 is going to

- 1 give us back to the BLM and who knows what they
- 2 will do. And that has an implicit threat to it,
- 3 like we can't choose that one.
- 4 So when we have 3 or 4, which, you know,
- 5 I don't know why we have to bargain when there are
- 6 like all these -- everything that everybody already
- 7 said. It's like we -- I mean, I don't know. Do we
- 8 have to bargain and do we have to support this
- 9 industry?
- 10 When we did the -- the environmental
- 11 impact statement talks about endangered species
- 12 animals, but it really doesn't talk about our
- 13 microclimate. And we -- when we talk about
- 14 biodiversity, we are not really going to know about
- 15 a bee or a butterfly or, you know, something that's
- 16 really being affected. So I don't think an
- 17 Endangered Species Act is really enough to say
- 18 that, you know, we looked at the impacts to the
- 19 animals.
- 20 So we can't have those trucks. In those
- 21 two alternatives, whether it's 80 trucks or 90
- 22 trucks or 60 trucks, you know, obviously our roads
- 23 can't do that. We can't have an accident on any
- 24 Colorado roads. I mean, that would be tragic. I
- 25 mean, we are dealing with environmental accidents

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- 1 everywhere. And we have, you know, Colorado to
- 2 think about and these -- it's an archaic industry.
- 3 So we don't want 3 or 4 because it doesn't really
- 4 deal with all the impacts of uranium mining, and it
- 5 seems like we shouldn't have to deal that way.
- No. 5, fast and dirty. That's also a
- 7 real threat, you know, that we don't -- you know,
- 8 boy, they are going to come in there and just do
- 9 whatever, so...
- 10 The social impacts, I agree. That's the
- 11 first thing I turn to. Okay. What do they talk
- 12 about the social impacts of mining. We know that
- 13 it's not art and culture and teachers and doctors.
- 14 It's a boom/bust economy. It's not going to bring
- 15 what we've -- it's not going to enhance our economy
- 16 here. So the social impacts really aren't covered
- 17 in that statement. I mean, it's like vague and
- 18 nonspecific and doesn't really talk about anything.
- 19 I agree mining uranium could affect our
- 20 national security. We really need to be thinking
- 21 about climate change and moving into the future. I
- 22 agree with everybody else that said that. I find
- 23 it hard that any -- you know, if Indian tribes have
- 24 any input, I hope for sure that they were saying,
- 25 listen, we've suffered enough and we're

- 1 recommending that you don't go any further with
- 2 uranium mines.
- 3 MR. CAMERON: And, Catherine, could
- 4 you sum up for us.
- 5 CATHERINE PETERSON: And that was my
- 6 last thing, the Indian tribes.
- 7 MR. CAMERON: Perfect.
- 8 CATHERINE PETERSON: Anyway, thank
- 9 you very, very much for coming here, and obviously
- 10 we need -- for our health and economic and
- 11 everything, we need Option 1. We need to like
- 12 squelch this whole thing.
- MR. CAMERON: Thank you, Catherine.
- 14 Now to Paul Szilagyi, and I hope that I'm
- 15 pronouncing that sort of correctly, and then we
- 16 have Mike Rozycki.
- 17 PAUL SZILAGYI: It's Szilagyi. It's
- 18 Hungarian. And I don't expect any claps when I'm
- 19 done, but I do thank you for welcome miners to your
- 20 territory. It's very nice that you put that up.
- I'm here for three hats today. I'm here
- 22 for myself, and most of my comments will be about
- 23 myself. I will also talk as an investor in a
- 24 mining company, a mining company that has no
- 25 interest in any of the leases that are under

- 1 discussion here today under the ULP, so I have no
- 2 dog in the hunt. And, thirdly, I come to you as a
- 3 board member of the Western Small Miners
- 4 Association.
- 5 And all of my hats wish to recommend the
- 6 DOE go forward with their preferred Alternative No.
- 7 4. The Western Small Miners will likely issue a
- 8 formal comment in support of this. For those of
- 9 you who don't know the organization, it was formed
- 10 a few years ago. It's to foster, you know, to
- 11 enhance and to promote mining and agriculture in
- 12 this area. It's to foster economic development,
- 13 which is probably number one and should be listed
- 14 that way. And it's also to ensure and promote
- 15 public health and safety.
- The majority of people that you are
- 17 talking about that are economically impacted, bread
- 18 and butter wise, providing for their family, live
- 19 here. They want it done safe. There's many
- 20 comments about the history and the legacy of
- 21 uranium mining. That would be like me saying I'm
- 22 going to go out and prepare a business plan with
- 23 multiple years of financial statements. I'm not
- 24 going to use a calculator, I'm not going to use a
- 25 computer, I'm going to use pens and pencils and

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- 1 adding machines.
- It's not the same world. Trust me. And
- 3 you need to look at the standards that we have to
- 4 meet at a uranium mine to even get a permit. I
- 5 would love to take any of you, if you really wanted
- 6 to know. That said, I'm not known for uranium
- 7 mining.
- 8 I'm known for hybrid electric vehicle
- 9 technology development, part of a group we financed
- 10 with our own money, and built the vehicles that run
- 11 on 16th Street Mall in Denver. It was the world's
- 12 largest, and still is, series hybrid vehicles.
- 13 They carry 116 people. They have an engine smaller
- 14 than a Toyota Prius. They pollute less. In those
- 15 are batteries. In those are generators. You are
- 16 going to need those for any kind of energy that's
- 17 advanced.
- And no one's talked about vanadium here.
- 19 Vanadium is really an important mineral. It's part
- 20 of these lease tracts. And this is one of the few
- 21 areas in the world where uranium and vanadium has
- 22 been deposited together. Vanadium is -- has great
- 23 promise for standby and facility level, grid level
- 24 energy storage.
- 25 Why do we need uranium? They're charged

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- 1 with it. They're charged with it because we get 20
- 2 percent of our power, electrical power, from
- 3 nuclear. We need uranium. We import over 90
- 4 percent of what we use. That's not something
- 5 that's a good position for our country. If we want
- 6 to move away from it, that's fine. But remember
- 7 that you are going to increase your carbon
- 8 footprint, so think about it and decide what you
- 9 really want to do.
- 10 MR. CAMERON: If you could finish up
- 11 for us, Paul.
- 12 PAUL SZILAGYI: I will. I could go
- 13 on for a long time. But I'm an environmentalist.
- 14 I took my first environmental class in 1977. If
- 15 this group -- I would ask you to go home and
- 16 challenge. If you're truly an environmentalist and
- 17 if this is truly going to be part of the world --
- 18 and by the way, nuclear power is on the upswing.
- 19 If you are truly an environmentalist, there is no
- 20 better place on the planet where there's better
- 21 worker protections and there's better environmental
- 22 protections than right here.
- MR. CAMERON: Okay. Thank you.
- 24 Thank you very much. Mike Rozycki.
- MIKE ROZYCKI: Good evening. My

- 1 name is Mike Rozycki. I'm the County planner for
- 2 San Miguel County. The County has provided a
- 3 couple letters already on the PEIS in 2007 and then
- 4 scoping comments in 2011. And I think, generally,
- 5 I wanted to come tonight and listen and hear, as
- 6 the staff makes recommendations to the County
- 7 Commissioners for the comments prior to the May
- 8 31st deadline.
- 9 But I think it's very clear that the
- 10 County has expressed we have grave concerns with
- 11 the environmental impacts associated with potential
- 12 leasing of the uranium leases on the west end of
- 13 the county. I think 11 or 12 of the mines or lease
- 14 parcels are in San Miguel County.
- 15 I think the other thing that we pointed
- 16 out, and I would want to reiterate, is at this
- 17 time, there's a lack of a clear and comprehensive
- 18 cradle-to-grave strategy necessary for safe use of
- 19 nuclear energy. And I think until there is a
- 20 better system or strategy for dealing with waste
- 21 and other impacts, there's a real concern with the
- 22 nuclear energy industry in proceeding.
- 23 I think as far as the alternatives, you
- 24 know, we stated in earlier letters -- and I think
- 25 it comes closest to what you have as Alternative

- 1 1 -- that would continue to treat uranium lease
- 2 tracts as reserves held by the Department of Energy
- 3 for future energy needs and for our country's
- 4 security, if and when there is safer, nuclear
- 5 technology for generation and waste disposal that's
- 6 evolved. Until such time, I think it's appropriate
- 7 to keep these tracts as reserves rather than
- 8 offering for lease at this time and selling the
- 9 material in the open market. I don't see that that
- 10 relates to this country's security.
- 11 The other comment that I wanted to make
- 12 was a personal comment, and as a planner in trying
- 13 to understand the Programmatic EIS, it seems that
- 14 there isn't a specific plan. There are a lot of
- 15 big variety in parcels. I think they range from 25
- 16 acres to 4,000 acres, some are close to the Dolores
- 17 River. And it seems that the PEIS sort of just
- 18 makes some general assumptions and treats them all
- 19 the same without ranking them in priority, trying
- 20 to evaluate their impacts. And there really isn't
- 21 a site-specific plan there and site-specific
- 22 proposals, so I think there's a lot of really kind
- 23 of gross assumptions that are made as to impacts,
- 24 and I'm having a hard time understanding the
- 25 importance or the validity of the PEIS.

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44 1 Those are my comments. Thank you. 2 MR. CAMERON: Thank you, Mike. Angela Dye. 3 ANGELA DYE: 4 Angela Dye, local resident of Telluride. 5 6 I do not support Alternative 4 as your 7 preferred alternative, neither do I support the leasing or mining of uranium for all the previous 8 reasons that folks have said. 9 It's an onerous resource and we don't know how to handle it. 10 11 think it needs to be left in the ground until we 12 know how to handle the waste. We obviously have 13 not figured that out yet. 14 I would like to add to some of the 15 comments as well as endorse some of the things that 16 have been said. Basically to clean up the spills, the remaining tailings of the uranium that has been 17 18 excavated so far, especially along our rivers and 19 streams. 20 I would like to also point out that we 21 have 12 pages of mitigation measures that are in 22 ten point type in landscape format. That is an 23 incredible number of mitigation measures to try to, 24 in fact, deal with. They are way too extensive. 25 They are vague and without measurable outcomes or a

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1 time frame. And specifically under three areas --2 under visual resources, for instance, that's the 3 longest list under Alternative 4 of effects to landmarks and significant landscapes in our region. 5 And that is related part and parcel to our livelihood here. 8 Under transportation, the increase in the amount of truck traffic is on a scenic byway; again, part of our livelihood, and it also affects 10 11 bicycle tourism. And, in general, I do not see where recreation has been adequately evaluated. 12 13 Under socioeconomics, I don't believe 14 that they account at all for our current 15 activities, which include agriculture, grazing and 16 organic farming, as well as recreation. 17 So in summary, I do not support your 18 alternative. I appreciate the opportunity to 19 comment. I think we should focus on renewables and 20 conservation and add provisions for climate change 21 and our weather events. Thank you. 22 MR. CAMERON: Thank you. This is 23 Linda Miller, then we'll go to Ashley Boling.

Thank you for this opportunity.

LINDA MILLER: Linda Miller of

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Telluride.

1 I consider myself a citizen of this area, and part of my responsibility is to be a steward of this land and our resources. I don't think we've been doing a very good job taking care of the 5 messes that we have created. San Miguel and 6 Telluride have a really good history of knowing 7 what it means not to reclamate what we have done. And I base it on a history of an area 8 that you probably drove through coming here, and 10 that was the Newmir vanadium -- where's the 11 vanadium man? -- mill site on Highway 145, six 12 miles west of Telluride. The mill was originally 13 developed in 1908, encompassing approximately 15 14 acres consisting of the former mill area, tailing 15 disposal area, and other facilities used to support 16 the milling operation. It operated from 1920 until 17 the 1950s when the ore was depleted. 18 Not until 1998 when it was sold to Cyprus 19 Amax was there an agreement mandating remedial 20 activities. At that time, the EPA and the Colorado 21 Department of Public Health and Environment 22 conducted a site assessment and determined that 23 subsurface residual radioactivity existed on both 24 sides of Highway 145. Historical photos confirm 25 that the highway that was built went right through

- 1 the mill site. More important, the lower side was
- 2 in the San Miguel river floodplain. The cleanup
- 3 was 60 years in the making. So we know about how
- 4 long it takes.
- 5 Today the public is told operations are
- 6 vastly improved. The state of the art, best
- 7 operating procedures are in place, all kinds of
- 8 technology. The industry is well prepared.
- 9 However, the BP's Deepwater Horizon blowout gave
- 10 lie to the state of the advances and our reliance
- 11 upon them. There will be accidents.
- 12 On October 1, 2012, a rollover involving
- 13 a tanker illustrated the vulnerability in the
- 14 systems now in place. The accident occurred at
- 15 Mile 24, Highway 141. The truck was carrying
- 16 liquid asphalt. The trucking company was
- 17 responsible and contacted a company called Storage
- 18 Tank Technologies. Cleanup operations require a
- 19 permit from the Colorado transportation department,
- 20 as it was in their right-of-way. The Colorado
- 21 State Patrol responded to the scene, but it
- 22 oversees the cleanup; it's not responsible for the
- 23 cleanup. CDOT issued a permit October 9th but was
- 24 not aware it was an emergency. Perhaps they were
- 25 not told it was liquid asphalt.

- 1 To complicate matters further, the spill
- 2 site was archeologically rich and teams from the
- 3 Bureau of Land Management had to do an assessment
- 4 before they could bring in a bulldozer to clean it
- 5 up so no artifacts would be destroyed.
- 6 The spill only came to the attention of
- 7 authorities when the San Miguel County sheriff was
- 8 out riding on his motorcycle on his day off. Over
- 9 two weeks has passed before the cleanup began.
- 10 Granted, the casualties were birds caught in the
- 11 sticky stuff and not humans.
- 12 I describe this sequence of errors just
- 13 to illustrate that the emergency procedures are not
- 14 there and there are all kinds of bureaucratic
- 15 blocks to getting things done quickly. So you can
- 16 only imagine what kind of conditions we'll have
- 17 when there are uranium trucks going up and down
- 18 those roads.
- 19 These leases that are especially on the
- 20 river, on the Dolores and on our waterways, it's
- 21 our lifeblood, and they have to be protected.
- 22 Before more mining takes place -- and I'm for
- 23 Alternative 1, no mining taking place -- please
- 24 clean up the old sites, examine the potential for
- 25 highway accidents, and assess the availability of

- 1 emergency response for those events.
- 2 Remediation must be timely and complete.
- 3 Citizens cannot settle for less and the private
- 4 endeavors must post adequate bonds so the taxpayer
- 5 is not left with the bill. It's interesting to
- 6 note at the headwaters of the San Miguel, we have a
- 7 Superfund site. Right up there, and so far, it's
- 8 not complying with the consent decree. At the end
- 9 of the San Miguel, we have another Superfund site.
- 10 MR. CAMERON: Okay. Linda, can --
- 11 LINDA MILLER: I'm done. I don't
- 12 want the San Miguel to be a sacrifice area. Thank
- 13 you.
- MR. CAMERON: Thank you very much,
- 15 Linda. Ashley Boling and then Linda Thurston.
- 16 ASHLEY BOLING: Hi. My name is
- 17 Ashley Boling. I live in San Miguel County. I'm a
- 18 father. I'm a resident for the last 23 years here.
- 19 Just to be clear with everyone in this
- 20 room, I'm against any further uranium mining, any
- 21 current or proposed in the future uranium mining
- 22 and/or milling.
- 23 I recognize a lot of people in the crowd
- 24 here. Could you raise your hand if anyone is here
- 25 from Energy Fuels Corporation. Anyone here?

- 1 Anyone here from Cotter Corporation? You are.
- 2 Anyone here from Denison Mining Corporation? Okay.
- 3 I'm just curious. Could you raise your hand if you
- 4 don't live in San Miguel County.
- 5 MR. CAMERON: And I just want to
- 6 point out to the audience that it's great that
- 7 Ashley is asking these questions, but you don't
- 8 have to respond if you don't want to.
- 9 Go ahead, Ashley.
- 10 ASHLEY BOLING: Thanks for making
- 11 that clear.
- 12 I think I have four minutes and I would
- 13 like to respond or at least speak my mind. I have
- 14 been to a few meetings in Montrose County and San
- 15 Miguel County. I haven't been to meetings in other
- 16 states because it's not really an issue about
- 17 mining uranium or building a proposed uranium mill.
- 18 My understanding is in the rest of the 49 states
- 19 and jurisdictions of the United States, nobody
- 20 wants one in their backyard, so it's not really an
- 21 issue.
- 22 But it happens to be an issue here. I
- 23 live about four and a half miles west of here in
- 24 San Miguel County, and that's 50-some miles
- 25 downwind from the proposed increased mining and

- 1 increased milling and that concerns me. I have a
- 2 ten-year-old son. That concerns me too.
- 3 I have been to other meetings and I have
- 4 asked the question of elected officials and of
- 5 people who are getting paid to represent us and
- 6 protect us, like CDPHE. I have asked this question
- 7 and I'll ask it again: Show me an example of
- 8 uranium extraction and/or processing and milling on
- 9 our planet that has a 100 percent safety record,
- 10 where there has never been any spills -- and I'm
- 11 sorry. I can't call the Deepwater Horizon event a
- 12 spill, the worst environmental catastrophe in the
- 13 United States, and no one from either BP or
- 14 Haliburton or Transocean has been indicted or gone
- 15 to jail because of that, and people were killed
- 16 initially in that explosion. I'm going off on a
- 17 tangent there.
- 18 But show me an example of this industry
- 19 where it's been safe. And if it's so safe and DOE
- 20 and others involved are so confident that this
- 21 mining of uranium and the milling and processing
- 22 and enriching of it -- and then selling it to other
- 23 countries like China, who then can sell it to North
- 24 Korea to further their uranium industries and do
- 25 who knows what with it after that.

1 Show me an example where it's safe and I'm willing to listen. I've done some research. haven't been able to find one on our planet. can't contain or dispose of or effectively use this 5 very dangerous, highly toxic substance. gamble to me, and I'm not willing to take the 7 gamble. I'm very conservative. 8 So that's my charge, my question, to the 9 Department of Energy and others. Show me an 10 example where it's safe and we can control it, and 11 there's never a truck that turns over and no one's 12 water ever gets polluted and I will believe you. 13 I will conclude with this before you tell 14 Albert Einstein said of uranium me my time's up. 15 and its use in producing electricity: What an 16 absurdly ridiculous way to boil water. 17 MR. CAMERON: Okay. Thank you. Linda Thurston. 18 19 JENNIFER THURSTON: Did you call me 2.0 Linda? 21 MR. CAMERON: I did. Is that wrong? JENNIFER THURSTON: For the record, 22 23 my name is Jennifer Thurston. I live in Norwood, 24 Colorado and I'm from San Miguel County, the heart

of the Uranium Leasing Program, the most wonderful

- 1 county in the most wonderful state.
- 2 And I grew up down the road in sort of
- 3 the place that I refer to as the cusp between gold
- 4 country and uranium country, so I understand the
- 5 landscape. I'm also the director of INFORM, the
- 6 Information Network for Responsible Mining, and I'm
- 7 preparing some very detailed comments to submit to
- 8 you before the end of the deadline. So I'm just
- 9 going to be as brief as four minutes will allow me
- 10 to be.
- 11 INFORM, in 2008, sued the Department of
- 12 Energy, along with the Colorado Environmental
- 13 Coalition and Center for Biological Diversity and,
- 14 a couple years later, the wonderful conservation
- 15 group Sheep Mountain Alliance. And the reason why
- 16 we have this PEIS is because of that lawsuit. And
- 17 I can tell you, I have been rather frustrated. We
- 18 had these hearings in late summer 2011, and the
- 19 last time I tried to give comments to the
- 20 Department of Energy, Laura Kilpatrick, who is the
- 21 realty officer, spent most of my three-minute
- 22 hearing rolling her eyes at me.
- 23 I know it doesn't go into the official
- 24 transcript about how DOE representatives typically
- 25 sit in the back of the room with their hands

- 1 crossed when environmentalists get up and talk.
- 2 However, last week on the front page of the
- 3 Telluride Daily Planet, I read a quote from Mr.
- 4 Plieness about how sincere he is in listening, and
- 5 I want to be sincere back because I want you to
- 6 know what I know about this program and about
- 7 what's happening on our landscape. So I'm going to
- 8 be very detailed about that in written comments.
- 9 I want to focus a little bit on San
- 10 Miguel county. And, actually, just to sort of run
- 11 through my general feelings about the whole Uranium
- 12 Leasing Program. You've divided these areas into
- 13 four tracts: Gateway and Outlaw, Mesa, and the
- 14 Gateway tracts. There's a higher purpose to those
- 15 tracts than uranium mining, and it's about
- 16 recreation and how actively they are used by people
- 17 who love to ride around on those roads on the ATVs
- 18 or ride around on their horses. That's a real
- 19 conflict with uranium mining. And Gateway has such
- 20 a tremendous potential for recreation and tourism
- 21 development. It would be a shame not to see those
- 22 tracts pulled from the program.
- One of the big concerns that I have has
- 24 to do with cumulative impacts. I think that the
- 25 flaws in the studies -- most have to do with you

- 1 have a very incomplete picture of cumulative
- 2 impacts.
- 3 Let's talk about the Paradox tracts for a
- 4 minute; perhaps the most disturbed, unsettled,
- 5 scarred area in the entire program. I don't think
- 6 you understand the concept of cumulative impacts
- 7 when it comes to uranium mining, that once it's a
- 8 uranium mine, it's really not good for anything
- 9 else. And there's a lot of space in between all of
- 10 those lease tract boundaries where there's also
- 11 uranium mines going on.
- We talked a little bit before this
- 13 meeting started, Mr. Plieness and I, about the
- 14 congressionally ordered study of the DOE that's
- 15 basically going to be multiple years in
- 16 development. It's going to take a long time to
- 17 truly paint the picture and have an accurate
- 18 inventory of what's already existing. Somehow when
- 19 we lack a cumulative notion and a defined idea of
- 20 what's actually in existence, it does seem a little
- 21 bit absurd to talk about new mining.
- The Uravan tracts, also heavily impacted,
- 23 even though there's been some reclamation work up
- 24 there. You know, it's really difficult to think
- 25 about how the tailings graveyards from the various

- 1 mill sites that have been cleaned up over the years
- 2 are really out there and that's permanent.
- I know that the Department of Energy is
- 4 very proud of the \$65 million in royalties that
- 5 it's collected in this program, but that's just a
- 6 drop in the bucket. That's about how much it cost
- 7 to clean up one mill in Slickrock. And Slickrock
- 8 is the most important place in the Uranium Leasing
- 9 Program. It's just a marvelous, marvelous area,
- 10 and it's San Miguel County and, therefore, I care
- 11 the most about Slickrock. Those tracts are not
- 12 suitable for mining. They are directly endangering
- 13 the health of the Dolores River.
- I wanted to briefly talk to you -- I
- 15 don't know how much time I have left.
- MR. CAMERON: Just a little bit,
- 17 Jennifer.
- JENNIFER THURSTON: Not enough.
- 19 MR. CAMERON: If you could just wrap
- 20 it up, please. Thank you.
- 21 JENNIFER THURSTON: I would like to
- 22 say that the 14-day extension for the comment
- 23 period is really not sufficient to prove that you
- 24 are listening. Give us more time.
- 25 I understand last night at the meeting in

- 1 Montrose a discussion came up, a mention of the
- 2 story that ran in the New York Times last week and
- 3 this photograph. And I would just like to put it
- 4 into the record because this is not an old file
- 5 photograph, as was stated. I escorted the
- 6 photographer to the site, and the photo was taken
- 7 on March 22, 2013. There you go.
- MR. PLIENESS: Okay. Thank you.
- 9 JENNIFER THURSTON: No, I'm not
- 10 done. I have another document where we kind of
- 11 outlined the specific violations that are in effect
- 12 on Tract 13. I also want to point out -- I've got
- 13 another document. It's dated October 24, 2012.
- 14 It's from the Department of Energy. This is from
- 15 you guys to the lessee warning them that he must
- 16 come into compliance with the law. Since then
- 17 you've had no response from him, and here's an
- 18 inspection report. I would just like to read it,
- 19 just an excerpt. It's short. I promise.
- 20 MR. CAMERON: Well, Jennifer, we
- 21 have to give other people time.
- 22 JENNIFER THURSTON: All right. You
- 23 will find it's a violation of the law and you are
- 24 not enforcing it.
- MR. CAMERON: Thank you very much.

- 1 Michael Saftler, and then we're going to go to
- 2 David Glynn and Glen Williams.
- 3 MICHAEL SAFTLER: Hi. My name is
- 4 Michael Saftler. I've been a resident of this
- 5 region for 39 years, and this is the first time I
- 6 have considered leaving because of what is being
- 7 proposed.
- 8 Despite irrational claims to the
- 9 contrary, uranium has proven itself to be
- 10 uncontainable. There is no way to mine it in a
- 11 vacuum. Once it's dug up, it emits harmful
- 12 radiation. When a person is exposed to radiation,
- 13 it accumulates in the body. Once it accumulates in
- 14 your body, it can and often does kill. When it is
- 15 concentrated by mining, milling, and processing,
- 16 the lethal toxicity rises exponentially. That
- 17 should be enough to stop this procedure in its
- 18 tracks, but for some mystifying reason, it
- 19 continues. Therefore, please accept my comments as
- 20 heartfelt.
- 21 My concern is for the health and welfare
- 22 of millions of people, and no amount of jobs or
- 23 energy generation or, heaven forbid, nuclear
- 24 weapons will offset the harm that will befall our
- 25 great nation if these mines are allowed to continue

- 1 to be developed. No new report will persuade me
- 2 that prolonging this industry is a good idea or
- 3 that it is viable or safe.
- 4 I would first like to address your
- 5 acronyms. FONSI, finding of no significant impact.
- 6 According to your scientific studies, you have
- 7 concluded that mining of uranium and its
- 8 aftereffects will result in no impact of
- 9 significance. Tell that to all the people who have
- 10 died because of exposure -- I'm sorry, I get
- 11 emotional about this -- because of exposure to
- 12 uranium and radiation. Tell that to the people who
- 13 are sick and in the process of dying today because
- 14 of their exposure to uranium.
- 15 We are told that there are new procedures
- 16 and new regulations and, therefore, finding of no
- 17 significant impact. No only are the procedures
- 18 unproven, but the regulations currently in place
- 19 are not enforced and are currently resulting in
- 20 significant impacts. What you call FONSI is
- 21 nothing more than a FONSI scheme, like a Ponzi
- 22 scheme that sells people a false bill of goods and
- 23 ultimately results in individuals losing
- 24 everything. This FONSI scheme that you are
- 25 proposing to foist upon us is a false bill of

- 1 goods. There is no safe way to mine, mill, process
- 2 and transport uranium, none. Ultimately, people
- 3 will lose everything, including their lives, in
- 4 your proposed FONSI scheme.
- 5 Then we have your PEIS, Programmatic
- 6 Environmental Impact Statement. Environmental
- 7 impacts are not conjecture. They are supposed to
- 8 be based on science and historic facts. The
- 9 science and historic facts show that uranium and
- 10 its attendant radiation pollutes the environment
- 11 and kills living kind. There is no way of covering
- 12 that up. That is the history of this industry.
- 13 Look at the Navajo Nation, look at Uravan, look at
- 14 Naturita, look at Nucla, look at Grand Junction.
- 15 That is our immediate neighborhood and
- 16 those are our neighbors and many of those people
- 17 are dead from exposure to radiation from uranium.
- 18 How can anyone conclude that, therefore, there's a
- 19 finding of no significant impact. If that is not
- 20 significant, what is? How many deaths do you need
- 21 before you cross your significant threshold?
- I have another acronym for you to
- 23 consider: CAWS, C-A-W-S, clean air, water, and
- 24 soil. Those are the building blocks of life.
- 25 Without clean air to breathe, a human being will

- 1 die in a matter of minutes. Without clean water, a
- 2 human being will die in a matter of days. Without
- 3 clean soil to grow our food and feed our livestock,
- 4 a human being will die in a matter of a few
- 5 seasons. These are the basis of human and all life
- 6 on this planet.
- 7 MR. CAMERON: And --
- 8 MICHAEL SAFTLER: I will wrap it up.
- 9 MR. CAMERON: Thank you.
- 10 MICHAEL SAFTLER: Downriver from
- 11 here, there are tens of millions of people who are
- 12 drinking and irrigating out of the Colorado River,
- 13 which is fed by the Dolores. These mines will be
- 14 interacting with the Dolores River. Any
- 15 environmental assessment needs to include an
- 16 analysis of those impacts to those millions of
- 17 downriver life forms.
- 18 Energy, jobs. We have many other options
- 19 besides mining, milling, processing, transporting,
- 20 and further processing uranium in order to set in
- 21 motion a chain reaction that attempts to contain
- 22 massive amounts of concentrated energy that, when
- 23 uncontained, can annihilate millions of people just
- 24 to boil water or to turn a turbine. Fukushima and
- 25 Chernobyl and Three Mile Island and Uravan and

- 1 Cañon City and endless other locations where leaks
- 2 and explosions have occurred scientifically prove
- 3 this industry is significantly uncontainable and
- 4 unsustainable.
- 5 MR. CAMERON: Thank you. We are
- 6 going to hear from David Glynn, then Glen Williams.
- 7 DAVID GLYNN: My name is David
- 8 Glynn. I'm a resident of Ophir, Colorado. I'm for
- 9 Alternative 1.
- I would like to speak to the end game of
- 11 uranium. We are really looking at the beginning,
- 12 and the beginning is not connected so far with the
- 13 end game. There's no need for the beginning of
- 14 this process, if we are not for the end. Now, the
- 15 end game of uranium is nuclear weapons and nuclear
- 16 power plants. Nuclear weapons are an abomination.
- 17 I can't say it any clearer. The nuclear industry
- 18 produces all kinds of waste that we have no
- 19 solution for in its storage and to make it and keep
- 20 it safe.
- 21 Then there's always the chance of nuclear
- 22 disaster. Chernobyl, Three Mile Island, Fukushima,
- 23 and then a disaster waiting to happen like the one
- 24 that this country avoided two months after
- 25 Fukushima. Now, this was a near disaster that went

- 1 pretty much virtually unreported. It happened
- 2 along the Missouri River. The Missouri River flows
- 3 into the Mississippi, which flows into the Gulf of
- 4 Mexico. Thousands of miles of the best farmland in
- 5 the world were threatened, and yet the media paid
- 6 very little attention to this.
- 7 What they did cover was the stage that
- 8 I'm going to give you here, the setup. The
- 9 disaster that was nearly -- or that was avoided on
- 10 the Missouri, Fort Calhoun, Omaha, Nebraska,
- 11 nuclear power plant totally surrounded by the
- 12 floodwaters of the Missouri River.
- Now, to be fair, this particular plant
- 14 was offline at the moment, but a spent fuel rod was
- 15 not offline. This facility was surrounded by the
- 16 Missouri River floodwaters. The primary levy
- 17 protecting the facility failed, so they put up an
- 18 emergency, water-inflatable, rubber berm, 8 foot
- 19 high. They punctured it in the process of putting
- 20 it up. Not too safe. Floodwaters have, what,
- 21 debris in them that can easily puncture a rubber
- 22 membrane. 8 feet tall.
- The water rose over halfway up that berm.
- 24 The reactor room floor was 3 feet below the level
- 25 of the floodwaters, 3 feet below. Downriver --

- another power plant 70 miles downriver, the Cooper
- power-generating station, nuclear facility.
- Reactor room floor 2 feet above the floodwaters, 2
- feet above.
- 5 During this flood -- which lasted, by the
- way, not days and hours, but months -- was an
- electrical fire in the control panel for the
- pumping station cooling system for the spent rod.
- Power was out for only two hours. The water did
- not reach the boiling point, but we did have that 10
- 11 fire. It did happen.
- 12 Now, one thing else I want to get at here
- 13 is the connection, the dot that was not connected.
- Remember these levels: 3 feet below the 14 Okay.
- 15 floodwaters; protected by an 8-foot berm that was
- 16 already halfway submerged; the other reactor, 2
- 17 feet above the flood stage.
- 18 Now, across the state of Iowa, the
- 19 neighboring state, one watershed away, a super cell
- released its moisture over the Dubuque area along 20
- 21 the Mississippi River. The Mississippi River,
- 22 which is a bigger river, much bigger than the
- 23 Missouri, during that event, up to 20 inches of
- 24 rain fell in a six-hour period. The Mississippi
- 25 River rose 5 feet in 24 hours. Add that 5 feet --

- 1 if that storm cell would have released its energy
- 2 just a little west, the Calhoun nuclear power plant
- 3 would have been inundated. The waters would have
- 4 gone over the top of that inflatable berm.
- 5 The Cooper station may have been 3 feet
- 6 below the floodwaters if that had happened. So
- 7 what do we do with the nuclear industry, with
- 8 something that is so toxic? We've got nuclear
- 9 weapons and we have got nuclear disaster lurking.
- 10 MR. CAMERON: I'm going to have to
- 11 ask you to wrap up.
- DAVID GLYNN: I will wrap it up.
- So my point is this: You've got all of
- 14 this beautiful farmland. What would have happened
- 15 if we would have had that super cell release its
- 16 energy just a little west and we would have
- 17 possibly, potentially contaminated thousands of
- 18 miles of the best farmland in the world. We are
- 19 playing Russian roulette with the nuclear industry.
- MR. CAMERON: Thank you, David.
- 21 Glen Williams, please, and then we'll go to Hilary
- 22 Cooper.
- 23 GLEN WILLIAMS: My name is Glen
- 24 Williams. I'm a resident of San Miguel County for
- 25 the last 30-plus years in the Norwood area. I have

- 1 got a lot of history in mining, and I know for a
- 2 fact that the way the permitting goes these days
- 3 with the State of Colorado to obtain a mine permit,
- 4 there is extensive bonding requirements that the
- 5 State has to go through and they make you put up
- 6 the money to cover any reclamation that might be
- 7 associated with the mining operation.
- 8 If there are any wet mines -- which most
- 9 of these DOE leases, I believe, are dry -- the
- 10 state, in your permitting process, will make you do
- 11 monitor wells to check the groundwater and the area
- 12 around the mining operation to see if there's going
- 13 to be any contamination, unlike way in the past
- 14 which they never did before. And the standards for
- 15 reclamation are enforced by the DRMS, the Division
- 16 of Reclamation, Mining and Safety. An operator has
- 17 to submit a mine plan to DOE if you are operating
- 18 on a DOE lease, but that mine plan also has to be
- 19 consistent in your permitting process with the
- 20 state.
- 21 Another thing is the -- I heard earlier
- 22 something about these BLM lands shouldn't be leased
- 23 if we are not getting any royalties off them. I
- 24 can tell you for a fact that there are significant
- 25 royalties paid on these leases for the minerals

- 1 produced on them, both the uranium and vanadium.
- 2 Another item that I just remember hearing
- 3 was how DOE should reclaim the legacy mining sites,
- 4 and I believe that almost all of the legacy mining
- 5 sites on the DOE lease tracts have been reclaimed.
- 6 There may be a lot of sites that are on BLM lands
- 7 which are not covered by this leasing program, but
- 8 that's under the auspice of the State of Colorado
- 9 to reclaim those at this point, because those are
- 10 historic mining operations that were done before
- 11 they had the reclamation permits that they have
- 12 now.
- 13 The last thing I would like to cover is
- 14 that from my perspective, being associated with
- 15 mining for an extensive period of time, miners
- 16 don't have any problem with people hunting,
- 17 fishing, hiking, riding bikes in the area, you
- 18 know, on these public lands that are multiple
- 19 purpose. And I'm constantly amazed that people who
- 20 base their livelihood on recreation, like people in
- 21 this area do, they insist or seem to want to insist
- 22 that there be nothing else other than recreation
- 23 where they want to play.
- To me, it's just an unreasonable
- 25 requirement because those lands are multiple

- 1 purpose. They were intended for use by the public.
- 2 That use being natural resource development and
- 3 production. Back in the day, recreation really
- 4 wasn't that much of a consideration, but they are
- 5 there for recreation, for hiking, hunting, fishing,
- 6 et cetera. And I know the miners, they don't have
- 7 a problem with the hunting and fishing and bike
- 8 riding.
- 9 So it just amazes me that the
- 10 recreationists, who want to come in every once in a
- 11 while, insist that there be no other disturbance so
- 12 they can enjoy their pristine playgrounds, which
- 13 these grounds aren't pristine. They're just BLM
- 14 grounds that are intended for multiple purpose.
- 15 Thank you.
- 16 MR. CAMERON: Thank you very much.
- 17 And next we're going to hear from Hilary Cooper.
- 18 HILARY COOPER: My name is Hilary
- 19 Cooper. I'm the director of Sheep Mountain
- 20 Alliance and we are submitting extensive comments
- 21 as well, so I will keep my comments short.
- I want to say thank you very much to all
- 23 the very well-articulated comments that have been
- 24 stated tonight. Wow. You guys are all very well
- 25 informed and passionate about this area. And I

- 1 also want to thank Paul and Glen for coming. This
- 2 is a tough audience. I have been in the inverse
- 3 before, and it's very difficult to speak and I
- 4 appreciate your opinions. We all have different
- 5 opinions but we are all allowed our opinion.
- I will say that the documents -- I have
- 7 been plowing my way through them -- will serve as
- 8 very informative data for future information.
- 9 They're very thorough in their presentation of
- 10 potential impacts and some of the activities that
- 11 are going on out there.
- I will say that the follow-through,
- 13 taking that data and translating it into potential
- 14 impacts was woefully inadequate, and that's why we
- 15 ask that you guys go back to the drawing table and
- 16 take another look at your data, including the Fish
- 17 and Wildlife information that has come recently to
- 18 you, which could have been gathered from what was
- 19 in your document in the first place, and go back
- 20 and do another analysis with a more thorough set of
- 21 alternatives.
- I'm going to try to keep my comments
- 23 specific to the PEIS and its shortcomings. First,
- 24 remediation. Clean it up when you mess it up.
- 25 We're all taught that lesson in kindergarten.

- 1 Who's responsible for the cleanup?
- 2 Ultimately, as I understand, in places like New
- 3 Mexico and Arizona, because these have been federal
- 4 programs, the mining companies, the mining
- 5 industry, is allowed to walk away, because they are
- 6 federal programs. So they are being challenged in
- 7 court, but ultimately they will probably be allowed
- 8 to walk away, and the federal taxpayers will be
- 9 responsible for cleanup.
- The remediation, you really need to look
- 11 at your best management practices and work on some
- 12 very specific measurable outcomes that actually
- 13 clean up contamination. It's not too difficult to
- 14 go out to those sites right now and see with our
- 15 eyes that they are not cleaned up. If we can see
- 16 the contamination that's happening on those sites,
- 17 it would even be more obvious that those sites have
- 18 not been cleaned up.
- 19 If a site is in violation of the Clean
- 20 Water Act, is that remediated? I'm having a hard
- 21 time making that connection there. But you claim
- 22 remediation for those sites. They are not
- 23 remediated. Cleaning it up will also bring jobs to
- 24 the region, which would be good for everyone.
- 25 Permanent withdraw, you don't have any

- 1 options for permanent withdraw in -- specifically,
- 2 on Sheep Mountain Alliance's behalf, for the river
- 3 parcels on the Dolores River and other ecologically
- 4 sensitive lands. I think Jennifer Thurston did an
- 5 excellent job commenting on the overall impacts to
- 6 the -- from the other parcels. We are most
- 7 concerned with the Dolores River parcels, and we
- 8 ask that you consider an alternative that would
- 9 permanently withdraw, not just withdraw and
- 10 transfer to the BLM or hold for future use.
- 11 Permanently withdraw from resource extraction and
- 12 clean up.
- 13 Consider renewables as a cleaner, safer
- 14 energy option. These are ultimately going to be
- 15 brown fields. Really no ecological system,
- 16 services are going to be able to be restored on
- 17 these sites. We should be considering
- 18 alternatives. You guys are the Department of
- 19 Energy, not just the department of uranium, so
- 20 let's consider other energy sources for these sites
- 21 that will also bring immediate jobs to the region.
- 22 Reserves. This is not going to be a very
- 23 popular opinion with everybody around here, but we
- 24 are just trying to address specifically your
- 25 purpose and need, because I understand, as a

- 1 government agency, that's what you're tasked with.
- 2 We need to -- we encourage you to reserve the
- 3 uranium ore in the ground where it can be safely
- 4 stored and possibly considered for future, real
- 5 domestic need. I have noted in all your documents
- 6 that your purpose and need is for domestic supply.
- 7 We know dang well -- I think Glen even admits --
- 8 that this uranium will be taken out of the ground
- 9 and shipped to Canada and make its way wherever.
- MR. CAMERON: And, Hilary, could you
- 11 wrap up for us, please.
- 12 HILARY COOPER: Really?
- MR. CAMERON: Yeah, it's been...
- 14 HILARY COOPER: So keep it here,
- 15 keep it in the ground for future need if there is a
- 16 future need. Taxpayers right now are paying for
- 17 the DOE to store and manage already existing ore
- 18 supplies and a recycling program.
- 19 Royalties, you mentioned the royalties.
- 20 I believe what you meant was the payment in lieu of
- 21 program. You're not actually receiving those
- 22 royalties right now. You're getting -- you're
- 23 allowing for people not to pay their annual
- 24 royalties in lieu of a remediation program.
- 25 Climate change, I mean, I could go on

73 That wasn't really adequately addressed at all. 2 3 The Dolores River, it's iconic, it's scenic, it's the most important river ecosystem in an arid, drought-impacted region. It supplies 5 water to the Colorado River. The Colorado River is currently the most endangered river in the U.S. 7 This is a huge impact to the Dolores River, and you have got to do a better job considering all of your 10 information. 11 MR. CAMERON: Could you finish up. 12 HILARY COOPER: We ask that you go 13 back, conduct a more thorough evaluation of all the 14 information you have put together, do some 15 fieldwork on the ground, fieldwork on the sites 16 that exist, and come back to us with a more 17 thorough analysis with better alternatives. Thank 18 you. 19 MR. CAMERON: Thank you, Hilary. 20 Summer Colt? 21 AUDIENCE MEMBER: She left. 22 MR. CAMERON: How about Allison 23 Wolff? 24 AUDIENCE MEMBER: I believe she had 25 to leave too.

74 1 MR. CAMERON: Okay. Lawry de Bivort, and you can give us the correct pronunciation of that. 3 LAWRY DE BIVORT: I'm Lawry de 4 Bivort and I'm a resident of Telluride, and I'm a 5 veteran of over four decades of research and development in Washington D.C., including for DOE 7 and NRC and EPA and all kinds of alphabet agencies. 9 I'm going to be making some comments that are critical of your process here, but I ask you 10 11 not to take it personally, because I have been on 12 your side of this barrier. I have composition 13 books plenty, full of notes from hearings and 14 comments and so forth, so I know what you are going 15 through and I know how, in some ways, impossible 16 the job is that you have been given. 17 I have not had a chance to look at the EIS. 18 I'm a quick reader, but 1,200 pages will 19 tax even me. So I have some comments and 20 questions. 21 First is that your selection or declared 22 preference for Alternative 4 is curious to me, 23 because preferences, by definition, are just a 24 matter of one's values. So what I'm really curious about is what values did you take into account in 25

- 1 deciding on this preference?
- 2 You are meeting a lot of very good and
- 3 very interesting people here, despite your
- 4 limitation on people to four minutes. I invite you
- 5 to get to know the region, get to know the people,
- 6 before you start selecting preferences.
- 7 I would question also your selection of a
- 8 preference, given the fact that the PEIS is still
- 9 in draft form. Certainly you would want to
- 10 complete the EIS before making judgments about what
- 11 you prefer, at least I would.
- 12 Second is we are all up here under this
- 13 four-minute limitation, despite some very smart
- 14 people who have already appeared before you, and
- 15 you're not responding to the questions or comments
- 16 that are being made. This is a huge mistake. It
- 17 is in some ways an arrogance. We should be in
- 18 dialogue, not this controlled thing where we appear
- 19 as petitioners to you who control the draft. This
- 20 is not right. We should be in dialogue.
- 21 Third thing is about the resources
- 22 involved in this interaction. Your EIS, I'm told
- 23 by a charming lady outside, is 1,200 pages long.
- 24 Now, I know how much effort it takes to put
- 25 together a 1,200-page government EIS, and I know

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- 1 the kinds of fees that the federally funded
- 2 research and development centers charge. So you
- 3 guys have had access, as you properly should, to
- 4 lots of money. Off the top of my head, I would say
- 5 you've burned through 2.5 to 3 million dollars for
- 6 this EIS, and you're not finished. You can tell me
- 7 if I'm wrong, but I doubt it.
- 8 The EIS, if it's like other EISs that
- 9 I've both written and studied, will be highly
- 10 technical. You'll be using analytic tools, models,
- 11 and so forth. Those require a lot of study to do.
- 12 We need to figure out, we need to assess, how good
- 13 your EIS is technically. We can't do that with a
- 14 few minutes spent preparing four-minute
- 15 commentaries.
- So you all are being paid to draft this
- 17 EIS; we're not. You have the resources to buy
- 18 access to the analytical tools and models, travel,
- 19 G&A, overhead, et cetera. I don't think Argonne
- 20 charges profit, does it? But we don't have any of
- 21 that. You have given us the CED for the EIS, which
- 22 is great, but where are the resources to study it,
- 23 to analyze it.
- MR. CAMERON: I'm going to have to
- 25 ask you to wrap it up for us, Lawry.

77 1 LAWRY DE BIVORT: Okay. certainly have the intellectual, analytic, scientific, institutional, and professional horsepower right here in this region to assist your 5 PEIS on a fully technical level and the validity of DOE's preference for Alternative 4. 6 7 So one of my questions to you is: much money will the government make available in 9 the form of grants to affected communities to study 10 the draft PEIS, and what will be the process for activating such a grant or grants? 11 12 Lastly, it's imperative that if you are 13 sincere about hearing from the affected communities -- and I'd like to think that you are. 14 15 At least one of you is taking extensive notes, 16 which I know you will be shaking out your wrist 17 toniaht. If you are sincere in hearing from the 18 affected communities, that the period for the 19 assessment of the draft PEIS be increased 20 adequately and appropriately. 21 MR. CAMERON: Lawry, I'm going to 22 have to ask you to finish. 23 LAWRY DE BIVORT: I am finished. 24 MR. CAMERON: Thank you very much. 25 LAWRY DE BIVORT: You're welcome.

- 1 Welcome to Telluride, by the way.
- MR. CAMERON: Thank you very much.
- 3 We are going to go to our final two speakers, and
- 4 one is Joan May and Nick Kolachov. This is Joan.
- 5 JOAN MAY: Hi. I'm Joan May, and
- 6 I'm a San Miguel County Commissioner, and San
- 7 Miguel County is one of the cooperating agencies so
- 8 we have been quite involved with this process. And
- 9 you have received comments from us in the past and
- 10 you will receive comments this time. Something
- 11 happens when you speak. It seems like the clock
- 12 goes faster, so I'm going to try and be respectful
- 13 of the time frame and everybody has been here for a
- 14 long time.
- 15 My comments that I will make outside of
- 16 our written comments are: I think you know that
- 17 this is Telluride's off season, and there are a lot
- 18 of people who are very concerned about this issue
- 19 who aren't here tonight. You came here I think it
- 20 was about a year and a half ago in the summer. We
- 21 had a meeting at the opera house and there were a
- 22 lot of comments. Tonight we heard the same
- 23 comments really. Very passionate, very
- 24 knowledgeable people who understand the issue and
- 25 understand the impacts to our region. I hope you

- 1 will listen to the comments and read the comments
- 2 again from the previous meeting because they
- 3 haven't changed. They were just more plentiful
- 4 then, even though it's pretty plentiful now.
- 5 The only other comment I really have is
- 6 that if you look at the map -- and thank you for
- 7 providing that in the beginning -- San Miguel
- 8 County really is where this lease program has a
- 9 great effect. If you look across the Western
- 10 Slope, we have more leased parcels than the
- 11 counties around us, and we feel that we deserve a
- 12 say in how our land is used here because it affects
- 13 us directly.
- 14 It's been mentioned many times that the
- 15 purpose and need for this program is stated. It's
- 16 for energy, but we hope that you will consider that
- 17 domestic use of the uranium that's mined should be
- 18 the only use of it, and there really isn't demand
- 19 for that at this point. Let's not squander what we
- 20 have and our resources that we have in our ground
- 21 here. Let's keep those for when we have a purpose
- 22 and need for them that we know how to deal with
- 23 effectively, if that time ever comes. Thank you.
- MR. CAMERON: Thank you, Joan, and
- 25 please come down, Nick.

1 NICK KOLACHOV: I just want to thank everyone for everything they've said that has been contributed, and I just wanted to come from a 3 different point. I live on the road that a lot of these trucks are going to be going on. 5 I've lived on this road for eight years, and you can tell time by the sounds of the different trucks that are the different buses that go on this road. I don't know -- I think a lot of people that drive it will 10 be driving it and will be seeing, well, there's a 11 lot of traffic right now when I'm on the road. 12 But in actuality, living next to this 13 road, you really understand our whole community, 14 and you see that, you know, wow, there goes the UPS 15 It must be that time. You can really see 16 that there aren't many people that live here. 17 don't have many people driving on this road. 18 so when you start to look at the numbers of the 19 trucks and the kind of traffic that's going to be 20 generated, I mean, even six or eight trucks would 21 be noticeable a day. 22 The road between the hours of, say, 23 and 10:00 in the morning goes silent. There is 24 almost no traffic. I mean, it's -- most people who 25 drive it wouldn't understand this.

- 1 understand this just by virtue of living right next
- 2 to the road.
- 3 And so I took a moment today thinking
- 4 about the hearing, and I thought, you know, it's
- 5 really interesting to look at it and say, right now
- 6 in this moment, it's as good as it's ever going to
- 7 get. Now, isn't that a sad commentary? That we
- 8 have to say that here it is. We are going into a
- 9 time period when we should be thinking about less
- 10 driving and, you know, less CO2, and it's only
- 11 going to get more. And then it's going to be
- 12 happening through industry in this environment
- 13 where most of the people that have moved here and
- 14 live here and inhabit this area now, who weren't
- 15 born here, moved here for the quality of life. And
- 16 yet, that's being directly impacted, especially by
- 17 ambient noise of trucks and the dust that they give
- 18 off, and here we are on a road that is quiet today
- 19 in 2013.
- 20 So as a steward of the road that these
- 21 trucks are going to be on, and not to mention there
- 22 are families who live all around me who have
- 23 children, and we all live right on this road, and
- 24 it's a pretty quiet road and we're okay with it the
- 25 way it is right now.

- 1 And so I would say as a resident, that I
- 2 entirely disagree with the options here, the
- 3 alternatives. I'm more an Alternative 1 than 2.
- 4 So I do not agree with the way things are going and
- 5 I just wanted to make sure that that was heard
- 6 here. Thank you.
- 7 MR. CAMERON: Thank you. Thank you,
- 8 Nick. And I just want to thank all of you for
- 9 coming out tonight.
- 10 Did you want to make a comment?
- 11 SCOTT CLOW: Yes.
- 12 MR. CAMERON: Come on down. And we
- 13 have one other person, so we have two more
- 14 commenters.
- 15 Go ahead. Please introduce yourself,
- 16 sir.
- 17 SCOTT CLOW: Sure. I'll be brief
- 18 because I know it's late. My name is Scott Clow.
- 19 I live in Dolores, Colorado.
- 20 I just wanted to -- I wasn't going to say
- 21 anything tonight, but one of the gentlemen who
- 22 spoke earlier made a comment about the other 49
- 23 states. Currently the uranium that's mined in
- 24 Southwest Colorado is transported over to Utah
- 25 where there is a milling facility for uranium and

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- 1 vanadium. And that facility has essentially been
- 2 turned into a national sacrifice area. They ship
- 3 waste materials, 11e.(2) byproduct material,
- 4 regulated by the Nuclear Regulatory Commission
- 5 there. They make money for taking that stuff and
- 6 they make money for extracting some uranium and
- 7 vanadium out of it.
- 8 The reason I mention that is this program
- 9 follows a scheme that we see in a lot of EIS
- 10 documents where we look at a very single, okay,
- 11 we're looking at this Uravan Belt and leasing
- 12 programs on it. We are not seeing the big picture.
- 13 We need to consider the comprehensive impacts of a
- 14 program like this. It's not just here in San
- 15 Miguel County. It's not just San Juan County,
- 16 Utah.
- 17 The people I work for in my day job are
- 18 averse to hearings like this, although I suspect
- 19 they will comment. They were displaced from their
- 20 homeland by this industry in the first couple
- 21 rounds of lease programs that were described in the
- 22 presentation, and they don't live there anymore.
- 23 There's an old mill site that's still very
- 24 radioactive. If you run a Geiger counter over it,
- 25 it goes wild. And that's -- they don't want to be

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- 1 there anymore.
- 2 So I just wanted to say: You need to
- 3 consider a cradle-to-grave -- no pun intended --
- 4 cumulative impact beyond this small region. You
- 5 need to consider the ramifications of the entire
- 6 industry. Thank you.
- 7 MR. CAMERON: We have one more
- 8 gentleman up there. Please introduce yourself,
- 9 sir.
- 10 NICHOLAS YOHO-WIKSE: Hello. My
- 11 name is Nicholas Yoho-Wikse. I grew up near the
- 12 Nevada test site in Las Vegas and also in
- 13 California. I've lived in this area quite a few
- 14 years. I have worked at La Cocina restaurant here
- 15 and with a green building firm, Steeprock Joinery,
- 16 for several years and with the Galloping Goose and
- 17 volunteering for the adaptive ski program for four
- 18 or five years. I have some humble residences here
- 19 as well as in other states and countries.
- 20 I'm here representing basically interests
- 21 of a few of my own companies and other end-stage
- 22 consumers of uranium products in the medical,
- 23 energy, weaponry, and other areas of uranium
- 24 consumers. We feel this -- the interests I
- 25 represent feel this is an ideal spot for the mining

- 1 of uranium, perhaps even perfect. It takes about
- 2 one pound of uranium -- it takes about 3 million
- 3 pounds of coal to get the same power out of one
- 4 pound of uranium.
- 5 People here want to base their economy on
- 6 marijuana farms and their pleasure mountain, their
- 7 pleasure ski mountain. But I think it's a wise
- 8 idea, perhaps, to have a balance of conservative
- 9 and liberal interests, and Colorado works that way
- 10 quite a bit with ranchers and farmers and military
- 11 industries balanced with the ski area population.
- 12 There's a high cost to, quote,
- 13 sustainable energy. What do you think it takes to
- 14 make solar panels? Do you think that's free? Do
- 15 you think people don't break their backs on
- 16 assembly lines? You don't think the materials to
- 17 make those are going to run out?
- One of the best reasons for mining
- 19 uranium here -- because we will get it elsewhere.
- 20 We'll get it somewhere else, for sure. But there
- 21 will be pretty good controls here, not perfect by
- 22 any means. But there will be a strong lobby in
- 23 this area to keep the industry relatively, quote,
- 24 safe, if anything can be safe.
- 25 The area is also close to several

- 1 end-stage consumers of uranium products: New
- 2 Mexico, California, Nevada, and Washington have
- 3 various medical weaponry facilities, energy
- 4 facilities, that would use the materials. We
- 5 basically support the gradual, continuous use of
- 6 nuclear products. It would be unwise to completely
- 7 disband the industry, as well as it would be to
- 8 mine all the uranium immediately.
- 9 We need to let our technicians gradually
- 10 increase their skills. The efficiency with both
- 11 nuclear energy for power and also with weaponry
- 12 will gradually increase. We don't have the staff
- 13 right now to be able to give you perfect weapons or
- 14 perfect power plants. We generally support renewed
- 15 underground testing of nuclear weapons. Mines you
- 16 might call them; they are not just weapons.
- I disagree with this gentleman here who
- 18 says that a nuclear weapon is so much more horrible
- 19 than other weapons. I think it's no different than
- 20 your pocketknife, good sir. But I do agree with
- 21 you that all weapons are obscene.
- I would say also that this is the least
- 23 of your worries. We have labs we can put in here.
- 24 You will not have a public commentary. You will
- 25 not know about them. And if an accident happens,

- 1 you would have wished that you would have had a
- 2 nuclear explosion in your vicinity.
- 3 MR. CAMERON: And I'm going to have
- 4 to ask you to wrap up.
- 5 NICHOLAS YOHO-WIKSE: Okay. That's
- 6 about it. My main point is that there's a lot of
- 7 good people in this area. It's a dynamic,
- 8 intelligent population. The mining is going to
- 9 take place somewhere, and I think the people here
- 10 will keep it in a better way than it would have
- 11 been in other places.
- MR. CAMERON: Thank you. And I
- 13 think if you could stick around after we are done
- 14 just so we can get the correct spelling of your
- 15 name for the transcript.
- And we're going to wrap up now. The
- 17 Department and our experts, if you need to talk to
- 18 them, ask them anything, Lawry, they're going to be
- 19 out by the posters, and I'm going to ask Ray
- 20 Plieness to come up and close the meeting out for
- 21 us.
- 22 LAWRY DE BIVORT: This is a question
- 23 that's relevant to everyone. What kind of
- 24 follow-up to the comments and questions that have
- 25 been put to you this evening will you be giving?

1 MR. PLIENESS: Okay. Thank you. That is my closing. What are we going to do with all these comments? I think somebody mentioned I said I was a sincere person. I'm a very sincere person. This is important things for us to 5 discuss, important in the fact that there are a lot of different opinions. 7 8 What we do with your comments is we take all of the comments. We will answer all of those 10 comments in what we call a response document that's part of the final PEIS. And as part of that PEIS, 11 12 we will make a final recommendation, but it will 13 include all of the comments that we receive in this 14 hearing, in the hearing tomorrow, the two previous 15 to this, as well as all written comments that we have received or will receive before the end of the 16 17 comment period. And any comments that we get even 18 after the comment period that we can use, because 19 we haven't moved past that location or that area of 20 the PEIS, we will also use. So there will be a 21 response document that you can see how we respond 22 to those comments and considered this input. 23 Last but not least, I am very sincere 24 with that, that there are things that people said, 25 Don't take it personally. I don't take this

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| 1 | personally. It is my job to analyze all actions | |
| 2 | we've considered here. We have a preferred | |
| 3 | alternative because we wanted you to know what is | |
| 4 | the preference based on the data we had to date to | |
| 5 | meet our mission and our goals. It also provides | |
| 6 | you a better opportunity to respond in my mind, but | |
| 7 | at the end of the day, we will analyze everything | |
| 8 | we have heard and the decision-makers will know | |
| 9 | what you have said. That's all I can tell you, and | |
| 10 | I do thank you sincerely for taking your personal | |
| 11 | time to come out and participate. | |
| 12 | (Proceedings concluded at 9:11 p.m.) | |
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