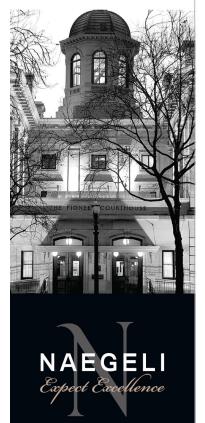


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## IN THE DISTRICT COURT OF THE STATE OF WASHINGTON FOR THE COUNTY OF SPOKANE

STATE OF WASHINGTON,

Plaintiff,

v.

GEORGE TAYLOR,

Defendant.

TRANSCRIPT OF HEARING

Case No. 6Z0117975

HELD ON MONDAY, JUNE 26, 2017

BEFORE THE HONORABLE DEBRA HAYES, DISTRICT COURT JUDGE

> SPOKANE COUNTY DISTRICT COURT 1100 WEST MALLON SPOKANE, WASHINGTON 99260

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Washington v Taylor Hearing June 26, 2017 NDT Assgn # 24531-1 1 TRANSCRIPT OF HEARING 2 HELD ON 3 MONDAY, JUNE 26, 2017 4 5 THE COURT: Okay. We are here. Mr. Christianson, 6 this is your motion. 7 MR. CHRISTIANSON: That's a good summary, Judge. 8 We are here. 9 Judge --10 THE COURT: Are we resolving these instead of 11 having the motion today? 12 MR. CHRISTIANSON: No. We're resolving five of those, three of those today. Two have their presence 13 excused today, so we're going to bring them in for an SOC 14 15 later. And we have one who is not resolving, so we will go 16 forward with the motion. 17 THE COURT: And which one are we going forward 18 with the motion on? 19 MR. CHRISTIANSON: Reverend George Taylor, Judge. 20 MS. MACRAE: And Your Honor, I've spoken with 21 defense counsel about this. The State's witnesses are not 22 available today. And given the length of the docket, we are agreeing to bifurcate the motion. The State's witnesses 23 24 will testify at a date in September based on defense counsel's availability. Given the fact that we've had to 25

1 reschedule this once, and when the State became aware of our 2 witness's unavailability, defense did not want to reschedule 3 their experts which the State understood. So I put at a 4 date to be determined by the court. We had been 5 anticipating a motion date in September.

6

THE COURT: Why September?

7 MR. CHRISTIANSON: Judge, I am scheduled to be 8 covering a public defender contract in Wenatchee, Chelan 9 County, for the next two months to cover somebody's 10 maternity leave as an emergency. So I'm kind of booked out. 11 If I have to, I can come back but --

12 THE COURT: And which of the State witnesses is 13 unavailable?

14 MS. MACRAE: Alan Dryer is the main officer from the BNSF Railroad, who was present at all of these 15 16 incidents. He is -- his affidavit of unavailability is attached there. He had a work conference in Montana. 17 That 18 was -- I'm sorry, I'm not looking at the affidavit. I 19 believe it was -- that he traveled there yesterday and is 20 there through the end of this week, which was, of course, exactly the day we had chosen to reschedule. 21

22 MR. CHRISTIANSON: And so as a roadmap, we're 23 going to put on our two experts this morning. If we have 24 time, we'll put on Mr. George Taylor. If not, we'll save 25 him for the next one along with the other witness. But

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we'll start and try to get the experts out of the way today. 1 2 Okay. So in what order did you want -THE COURT: 3 - did you want to do the motion first probably would be the best way to do it and then do the SOCs after the testimony? 4 5 MR. CHRISTIANSON: Either way the court wants. I thought we'd just do the SOCs first, but either way the 6 7 court wants to do it. 8 THE COURT: Well, I was trying to be mindful, too, 9 of our news people. 10 MR. CHRISTIANSON: Okay. 11 THE COURT: And then they would be able to leave 12 after the motion hearing. I'm not sure that they're interested in all of the SOCs. 13 14 MR. CHRISTIANSON: That works, Your Honor. 15 Your Honor, if I could ask a favor. I hate to (inaudible) with this crowd here, but I have trouble 16 hearing, Judge. 17 18 THE COURT: You have trouble hearing me? 19 MR. CHRISTIANSON: I do. 20 THE COURT: Can you hear me now? 21 MR. CHRISTIANSON: I can, Your Honor. 22 THE COURT: I feel like a commercial. 23 MR. CHRISTIANSON: But I know there are a couple other people here who also have hearing issues. 24 25 THE COURT: So I can use this and I will try to be (800)528-3335

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very good about using this. Does everyone hear me? 1 2 SPEAKERS: Yes. 3 THE COURT: All right. Thumbs up. If you can't hear me, I'd like to say thumbs down, 4 5 but I'd rather not see that sign. So if you can't hear me, can you just raise your hand? That will remind me that I 6 7 need to speak up and speak into my microphone. Okay? 8 MR. CHRISTIANSON: Thank you, Judge. 9 **THE COURT:** And if it gets super bad for counsel here, we do have a hearing device you could wear, sir. 10 11 MR. CHRISTIANSON: Thank you, Your Honor. 12 One other preliminary matter. We have two other 13 attorneys who are going to join in on the case to help out 14 with it in various degrees. One is Ms. Rachael Osborn and 15 Mark Hodgson. I will hand the court a Notice of Appearance for each of them, Judge. 16 17 THE COURT: Good afternoon, counsel. 18 MR. CHRISTIANSON: So when we do get started, Ms. 19 Osborn is going to put on both of our expert witnesses. Ι 20 will do Mr. -- Reverend Taylor when it's his turn, and Mr. Hodgson will probably do our closing argument on the motion. 21 22 THE COURT: Okay. Ms. MacRae, are you ready to 23 proceed? 24 MS. MACRAE: Yes, I am ready. 25 THE COURT: Okay. So Mr. Christianson, this is (800)528-3335

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Washington v Taylor Hearing June 26, 2017 NDT Assgn # 24531-1 your motion. Please proceed. 1 2 MR. CHRISTIANSON: Which one do you want first? 3 Dr. Running, Your Honor. 4 THE COURT: Okay. 5 Doctor, if you'd like to come up here to the witness stand and I'll have you raise your right hand and 6 7 I'll swear you in. 8 (Whereupon, Steven Running was duly sworn.) 9 THE COURT: Go ahead and have a seat, sir. 10 And would you like to use the podium, ma'am, and stand down here? Would you like us to get the podium for 11 12 you? 13 MS. OSBORN: No, that's fine. I understand this 14 microphone is live for taping purposes. 15 THE COURT: Yes. It will work. But you could also turn it a little bit towards the wall if you wanted to 16 step into the well and use the podium for your paperwork. 17 18 MS. OSBORN: No, I'm fine. I actually have bench 19 copies of exhibits. 20 THE COURT: Okay. MS. OSBORN: May I bring them up? 21 22 THE COURT: You may. 23 MS. OSBORN: Thank you.

24 THE COURT: Thank you. And have these been marked 25 as identification yet?

Washington v Taylor Hearing June 26, 2017 NDT Assgn # 24531-1 1 MS. OSBORN: Only my own markings on them. THE COURT: 2 Okay. So how many exhibits are there 3 so Jessica can start preparing? 4 MS. OSBORN: I think there are 15 -- 16. 5 THE COURT: Okay. So you don't have to take them 6 right at this moment but if you could prepare 16 exhibit 7 tags. And then we will refer to them in the order that 8 they've been presented as Defense Exhibit 1 and so forth. And as they're presented you can then put the tags on them. 9 10 That way we won't have to stop everything and wait. 11 MS. OSBORN: I also provided copies of exhibits for Dr. Running, who is here. A number of these are 12 13 scientific charts that accompany his testimony and I propose 14 to Ms. MacRae that we go through them and then move for 15 admission for all of them. 16 Have you given any thought to them? MS. MACRAE: I started to review them but didn't 17 18 get very far with everything else that was going on. I 19 think though that's probably the best way to go through it 20 at this time. And I'll review them as you go over them with 21 the doctor. 22 MS. OSBORN: Okay. Thank you very much. 23 I've just changed places so I need to --24 MS. OSBORN: Thank you, Your Honor. Again, I'm Rachael Osborne, representing the Defendant, Reverend George 25

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Taylor. 1 2 THE COURT: And could you spell your last name for 3 the record? MS. OSBORN: O-s-b-o-r-n. 4 5 STEVEN RUNNING, PhD, having been first duly sworn, was examined and testified as follows: 6 DIRECT EXAMINATION 7 BY MS. OSBORN: 8 9 Dr. Running, could you please state your name and 0. spell it? 10 11 My name is Steven Running, R-u-n-n-i-n-g. Α. 12 And could you please describe for the court your Q. professional position and credentials? 13 I'm a Regents professor of Ecology at the 14 Α. 15 University of Montana. And have you published scientific articles? 16 Q. Yes. I've published about 300 scientific articles 17 Α. 18 over my career. I've published, I don't know, many dozens 19 of articles on climate change itself, and I've served on a 20 number of committees evaluating climate change. 21 And have you been honored with any awards? Q. 22 I have. Probably the most prominent activity I Α. served on is the Intergovernmental Panel on Climate Change 23 24 that I was a lead author on the chapter on North America in 2007 and the IPCC won the Nobel Peace Prize that year for 25

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1	that document with Al Gore.
2	Q. Have you been honored with any other awards?
3	A. I've gotten an Edward O. Wilson Biotechnology
4	Pioneer Award because I write software for NASA satellites
5	and I calculate the global carbon cycle. Also, the I was
6	an author of the U.S. National Climate Assessment and I lead
7	the chapter on Forests in 2014.
8	Q. Thank you. I put a set of exhibits in front of
9	you. If you'll look at Exhibit 1.
10	Is this a current and correct version of your
11	curriculum vitae?
12	A. Yes. Yes.
13	Q. And I would move for admission of Dr. Running's
14	CV.
15	A. Yes. I guess there's some other awards. I don't
16	think we want to go through all those one by one.
17	THE COURT: Okay. So Exhibit 1. Ms. MacRae,
18	Defense Exhibit 1?
19	MS. MACRAE: No objection.
20	THE COURT: Okay. So Defense Exhibit 1 will be
21	admitted.
22	(WHEREUPON, Defense Exhibit 1 was admitted into
23	the record.)
24	BY MS. OSBORN:
25	Q. Dr. Running, could you identify a few of your
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#### 1 recent climate change publications?

2 I wrote a paper in the Journal of Science in 2012 Α. 3 where I proposed -- it was called A Measurable Planetary Boundary for the Biosphere. What I was attempting to do is 4 5 from our satellite measurements calculate an aspect of the global carbon cycle that influences directly how much CO2 6 7 stays in the atmosphere and how much is taken up by the 8 terrestrial synch. I wrote a paper in 2004, documenting our algorithm for calculating net primary production of the 9 10 biosphere and that is a data product that NASA Earth Science produces every day. They're producing it at NASA Goddard 11 12 right as we speak. I had a paper, actually, my first 13 climate change paper was in 1990, was a paper in the Journal of Climatic Change where I analyzed how we perceived 14 15 Montana's forests would react to a doubling of carbon 16 dioxide and the attended warming that would go with it. And so those are probably three of the most relevant papers to 17 this proceedings. 18

19

# 20 prepare for this hearing?

Q.

A. Certainly, the most important one was the newest Intergovernmental Panel of Climate Change Report. I was on the 2007 report. These occur every seven years, so there's a 2013 report that I read. The National Climate Assessment and the U.S. National Climate Assessment, which is

Thank you. What documents did you review to



effectively an IUPCC report just for our country, that I 1 read the other chapters that I wasn't an author on for 2014. 2 3 There was -- there was a document on climate change in the Pacific Northwest coming out of the Climate Impacts Group at 4 5 the University of Washington. That was 2015, if I remember right. And so -- and then I read just two weeks ago the 6 7 State of the Climate Report for the country for 2016 and an 8 Oregon Climate Report that comes out of the Climate Science 9 Center at Oregon State University.

10

Q. Thank you.

MS. OSBORN: Your Honor, I would like at this time to move to have Dr. Running qualified as an expert witness on the topic of climate change science.

14 **THE COURT:** Any objection?

15 MS. MACRAE: No objection.

16 **THE COURT:** Okay. He is so qualified as an

17 expert.

18 MS. OSBORN: Thank you.

19 **THE COURT:** Certainly in this field.

20 MS. OSBORN: Thank you.

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21 BY MS. OSBORN:

22Q. Can you provide us a summary of the testimony23you're about to provide?

A. I'm going to try to simply go through really three basic facts that we, as climate scientists see. First is

that the greenhouse gases and carbon dioxide in particular 1 are going up in the atmosphere, and we've been measuring 2 3 that quite accurately for over 50 years. Second, I'm going to take us through that as a result of these increasing 4 5 greenhouses gases, the global air temperature has gone up, and particularly gone up in an accelerating way over the 6 7 last 20 years. And then finally, I want to end with the 8 analysis that we, as climate scientists make of what sort of 9 reductions and carbon emissions would be necessary to 10 stabilize the global climate in the future.

Q. All right. Thank you. And if you'll take a look at Exhibit 2 titled Historic Trends in Atmospheric CO2 Concentrations, what does this exhibit show?

A. This exhibit shows that the carbon dioxide in the atmosphere is, in fact, going up. It has gone up every single year since Charles David Keeling began the measurements in 1958. And so it's been considered the most important geophysical dataset of the century because it was our first illustration that humans were having a global impact.

Q. What is the current concentration level in the atmosphere?

A. When we started the measurements, the atmospheric CO2 was at about 320 parts per million. The graph that I put in the record is at 401 parts per million. It turns out

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1 that I was looking just last week at the newest measurement.
2 It's now 407 parts per million, and this isn't (inaudible).
3 These measurements are taken all over the world now.

Q. If you'll take a look at Exhibit 3 titled Global
Carbon Emission Historic Trends, what does this exhibit
show?

7 As climate scientists, it was clear that carbon Α. 8 dioxide was going up in the atmosphere and we wanted to know where it's coming from. And so this is a measure of carbon 9 emissions produced by human activity from 1990 to the 10 present. And this is taken by a group of scientists called 11 12 the Global Carbon Project. And it shows that every year, except for the economic crash of 2008, every single year 13 14 global carbon emissions from human activity have gone up.

Q. All right. If you'll take a look at Exhibit 4 titled Sources of Global Fossil Carbon Emissions, what does this exhibit show?

A. We certainly wanted to know where these carbon emissions were coming from. This graph illustrates that by far, the largest single source of CO2 emissions is burning coal. The second largest source is burning oil. The third largest source is burning natural gas. And that each one of these emissions sources on a global basis is increasing.

Q. All right. If you will take a look at Exhibit 5
 titled Radiative Forcing Caused by Humans, what does this

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#### exhibit show?

1

2 This gets thicker. This is as summary of the Α. 3 2,000 IPCC reports, and it illustrates what we basically do 4 as an energy balance of the world. All the energy sources 5 coming in to their system and all the energy systems being radiated back out. And then analyze the components. You 6 7 can see there are changes in albedo or reflectivity of the 8 surface, like when there's more snow cover it reflects more, 9 for example, the changes in cloud cover, changes in aerosols. And then, finally, the changes in the greenhouse 10 11 And you see from this exhibit the carbon dioxide and gases. 12 the secondary methane are by far the largest sources of 13 these greenhouse gases.

14 The net summary of all these different positive 15 and negative impacts is a measure of 2.3 watts per square meter. And I like to, for my public audiences, explain what 16 17 that means because none of us relate to that directly. 18 Think of a little Christmas tree light. Not the new LED 19 ones but the old ones. That's about two watts. And you 20 think that a square meter is kind of a table top. So I'm having a Christmas tree light here of two extra watts per 21 22 square meter and the next square meter is two more watts per square meter, and all around the world every square meter is 23 now trapping 2.3 watts per square meter of additional 24 25 energy. And that is the fundamentals of global warming.



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Let's take a look at Exhibit 6 titled Global Total 1 Q. 2 Heat Content. What does this exhibit show? 3 Well, the next thing we wanted to know is where is Α. it going? And I think this graph is, at a glance, tells you 4 5 the answer. Over 90 percent of that additional two watts per meter squared is going into oceans. And people follow 6 7 things like the glaciers and Antarctic ice sheets because we 8 can see them easily, but where all this energy is going, 90 percent plus, is into the oceans. And has been 9 10 accelerating, I would add, since about 1980, which we now 11 consider global warming really started around 1980 in a 12 measurable way. Let's take a look at Exhibit 7 titled Global 13 0. Temperature Change. What does this exhibit show? 14 15 This is a measure of the global air temperatures. Α. So the previous graph showed the heat content of the ocean. 16 These are -- this graph is simply the summary of air 17 18 temperatures from weather stations, like out at the Spokane 19 Airport and our normal surface weather stations. And what 20 it shows again, beginning in about 1980, that every single decade has gotten progressively warmer over the last 30 21 22 years. 23 This exhibit also contains some text at the bottom Q. 24 of it. Could you summarize this text?

A. I went to the NOAA website, the National Oceanic

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and Atmospheric Administration website for details of this. 1 And basically, it summarizes that the global air temperature 2 3 has set new records progressively in 2014, which was then broken in 2015, which was then broken in 2016. In summary, 4 5 let's see, to get it right, all 16 years of the 21st Century rank among the 17 warmest on record. And when they say on 6 7 record, that means over 137 years. So beginning in 1880, 16 8 of the years of this century have been all-time records. And then the final summary is the overall annual temperature 9 has been increasing at .31 degrees per decade Fahrenheit 10 since 1970. 11

12 Q. Thank you.

A. Again, this is simply air temperature records fromweather stations.

Q. Thank you. Please take a look at Exhibit 8 titled Washington Average Temperature Trends. What does this exhibit show?

18 Α. We all get -- in climate science, we look at the 19 global trends, but we're most curious about our own back yard. And so I thought I'd bring this exhibit showing --20 this is for the State of Washington as a whole. And this 21 22 shows, again, a temperature increase of about three-tenths of a degree Fahrenheit for a decade since 1950. So the same 23 sort of trend seen globally is also seen here in Washington. 24 25 Please take a look at Exhibit 9 titled Trends in Q.

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Western U.S. Snowpack Melt Onset Dates. What does this
 exhibit show?

3 I think all of us that live around here know that Α. our snowpack is what carries our hydrology through our dry 4 5 And so we have followed snow melt rates very summers. carefully for decades. This graph I chose is a summary of 6 7 what we're seeing all around the west, that over the last 50 8 years, snow pack is starting to melt earlier and earlier, 9 and on average, in the last 50 years, it's about two weeks 10 earlier than it was in the 1950s. So that just means the 11 winter snowpack starts its melt out about two weeks earlier 12 on average than it used to.

Q. If you'll take a look at Exhibit 10 titled Washington Wildfire Trends Greater than 1,000 Acres. What does this exhibit show?

This is data from the U.S. Forest Service. 16 Α. And 17 we, as climate scientists in the Northwest, we have 18 identified wildfires probably the single most -- how should 19 I say it? Highest human vulnerability for the Northwest 20 outside the coastal areas is accelerating wildfire. And 21 this graph shows that the number of large wildfires has accelerated dramatically. This is only for Washington. 22 We do this same analysis for the Western United States as a 23 whole, and we see every way we slice and dice the statistics 24 25 we're seeing three and four and five times as many large



Page 24

1 wildfires as we did 40-50 years ago.

2 Q. Are there other forest disturbances resulting from
3 climate change?

Probably the other most important one for the 4 Α. 5 Northwest are the major forest insect epidemics. The Mountain Pine Beetle epidemics that we got very heavily in 6 7 Montana and I think have come -- yes, I know they've come 8 over into Washington. My entomology friend says these are the biggest forest insect epidemics on earth, which I was 9 amazed to hear that myself. 10

11

12

THE COURT: Sustained.

MS. MACRAE: Objection; hearsay, Your Honor.

MS. MACRAE: Thank you. Move to strike the statement as to what his etymology friend has said about these infestations.

16 **THE COURT:** Okay. So stricken.

17 MS. MACRAE: Thank you.

18 BY MS. OSBORN:

Q. Are insect infestations a big problem in the Northwest?

A. Yes. We have many research papers. I didn't put them in this collection to make this shorter, but there are many published peer-reviewed research papers documenting these epidemics.

25

Q. And just to clarify, your specialty is as a forest

#### 1 researcher; is that correct?

A. Not only. I'm really more of a global carbon
scientist. My original degrees were in forest ecology
though.

# Q. Could you take a look at Exhibit 11 titled Trends 6 in Sea Level Rise? What does this exhibit show?

A. Climate scientists think sea level rise will be the single most damaging impact of global warning, and right now we quantify the rate of sea level rise at 3.4 millimeters per year on a worldwide average. I took data more locally for Seattle and the rate in Seattle is about 2.1 millimeters per year. And as you can see, this dates back to before the year 1900, so it's a long-running record.

Q. Please take a look at Exhibit 12 titled Projected
Changes in Surface Water Runoff in the Puget Sound, Pacific
Ocean, and Columbia River Watersheds. What does this
exhibit show?

I want to preface my statement on this by saying 18 Α. 19 every other graph I've showed so far are direct measurements 20 that have been taken by scientists worldwide. Now I'm turning to projections for the future, which then involve 21 using various global climate models and regional climate 22 impact simulation models. So this particular graphic from 23 24 the National Climate Assessment Pacific Northwest Chapter shows that due to earlier snowmelt and hotter, drier 25



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summers, that the expected summertime runoff by the 2040s is going to be on the order of 30 to 50 percent lower than it is now. It's simply that the rivers are going to, by the end of the summer, have much lower flows than what we've had in the past. And this is a graphic showing Washington, Oregon, Idaho, into Western Montana.

Q. Please take a look at Exhibit 13 titled Projected
Increases in Air Temperatures for Montana Based on Various
Carbon Emission Scenarios. What does this exhibit tell us
about future climate?

All right. Again, I'll emphasize that these are 11 Α. 12 computer-model projections of the future going from the -starting in the year 1900 through the present and continuing 13 forward to the year 2100. What this shows for Montana and 14 the State of Washington, it would be virtually identical in 15 a global scale -- they're next to each other - is that with 16 17 the highest emissions, our best estimates are that local 18 temperatures would be 12 to 14 degrees Fahrenheit higher by 19 the end of the century with our highest emission of business 20 as usual scenarios. If humanity chooses to lower emissions, we can take that 12 degree to even 14 degree temperature 21 22 increase down to, at best we hope two degrees, certainly maybe four degrees. So the difference between doing nothing 23 24 about carbon emission reduction at 12 degrees or doing all 25 we can do at about three degrees is -- well, is a difference

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between 12 and three degrees in annual air temperatures.

1

Q. If you take a look at both Exhibits 14 and 15 -Exhibit 14 is titled Projected Wildfire Increases in
Washington Based on Varying Carbon Emission Scenarios, and
Exhibit 15 is titled Projected Sea Level Rise in Seattle
Based on Varying Carbon Emission Scenarios, what do these
exhibits tell us about environmental changes that are
expected to be caused by climate change?

9 Α. Well, in both of these instances, and I chose these particular impacts because they're most important for 10 11 the Pacific Northwest, we see with the wildfire projections 12 increases on the order of 100 percent up to even 300 percent 13 increase in our wildfire -- our wildfire -- pretend this is 14 -- particularly area burned that we've measured here or as being calculated for the Northwest. So we see something 15 16 like a doubling, tripling or more of an area burning 17 wildfire every year with high emission scenarios. Likewise, 18 in Exhibit 15, looking in more detail at sea level around 19 the Puget Sound Basin, and I would say I grew up in Seattle 20 so I look at this with some level of knowledge. I was born I'm a native. I was only here for about a 21 in Spokane. 22 week. But this shows all through the Puget Sound Basin the kind of flooding risks that the three feet to on the order 23 of 50 inches is the high scenario that they're using here. 24 25 So that's at a four feet higher sea level, how much of the



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Puget Sound Basin is being flooded? And this we consider a
 realistic potential with business as usual carbon emissions.
 This is not some extreme scenario.

Q. Dr. Running, can these rises as illustrated in
5 these exhibits be halted or reversed?

A. Certainly. I mean, humans have chosen to use
fossil fuels for our fuel source in the past and we could
choose to continue to use these same fuel sources or we
could change to other ones that aren't carbon emissions. So
this is a choice humanity has.

Q. If you'll take a look at Exhibit 1 titled Climate Reductions Needed to Limit Global Temperatures to Two Degrees Centigrade, what does this exhibit tell us about reducing climate emissions?

15 The Paris Climate Accord honed in on a target of Α. two degrees Centigrade, around four degrees Fahrenheit as 16 17 the most -- the most viable, optimum target we have for 18 increased temperatures by the end of the century. And we 19 then take our global climate models, and coupled with our 20 carbon cycle models, and we try to simulate what -- what 21 rate of reduction of carbon emissions would keep us at this two degree centigrade temperature target. What this exhibit 22 shows are these computer model analyses carbon emission 23 24 reductions. And this shows the optimistic scenario of 25 carbon emissions beginning to go down right now, which of



1 course in reality they're not. And so this shows how steep 2 the carbon emission reduction needs to be from now till 2015 3 in order to hope for a temperature stabilization at around 4 four degrees Fahrenheit by the year 2100.

Q. What do these people do to reduce carbon
emissions?

7 Well, I think of this, given what I do for a Α. 8 living, first, in the global collective sense, that clearly the first thing the whole world has to do is guit burning 9 The second thing after that is to quit or minimize 10 coal. 11 burning oil over the coming decades and then progressively 12 be moving to nonfossil fuel energy sources, like wind, solar, hydropower, things like that. And I think then 13 14 drilling right down to the individual basis, it gives all of us the, I guess, challenge of doing similar and using less 15 electric power, driving an electric car or taking from the 16 17 transport. Actually, one of the big carbon emission sources 18 is wasted food. And about a third of the food grown on 19 earth ends up being wasted and not eaten. So I think 20 there's -- I could go on for all too long on these various 21 things that on an individual level we could be doing and some people are. 22

Q. How does federal policy regarding climate change fit in?

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A. Ideally, federal policy on climate sets in effect

1 the target for where we want as a nation to go, and it sets 2 some priorities of what things that the country should be 3 doing in priority order working towards those goals. The 4 Clean Power Plan that the previous administration put out, 5 which very clearly targeted closing down coal-fired power 6 plants as rapidly as possible is an example of that.

Q. Where is federal policy going now with respect to 8 climate change?

9 A. The new administration has quite clearly shown 10 that they would like to bring back and retain fossil fuel 11 energy sources to the maximum extent possible. So they seem 12 to have no interest in reducing carbon emissions.

13

14

Q. Thank you, Dr. Running.

#### Can you sum up for the court?

I think the summary that I and my climate science 15 Α. colleagues see is that we've clearly documented both the 16 physical theory of greenhouse gases and the increases of 17 18 these gases in our atmosphere. We've clearly documented the 19 direct impacts on global temperatures and the second order 20 effects on things like wildfire and sea level rise and other 21 things that I haven't taken you through, like coral reef 22 bleaching. And we've clearly set the overall target of what humanity needs to do in the next half century if we want to 23 24 stabilize the global climate. And now we have to wait and 25 see what humanity decides to do. We've kind of done all we



1 can do.

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## Q. How would you characterize the threat?

3 If we take the "business as usual," which what Α. that means is literally just keep on doing what we're doing 4 5 and that takes us to on the order of 10 or 12 degree Fahrenheit increase in temperatures, we don't think we would 6 have a stable functioning society worldwide at those 7 temperatures. I'm not saying everybody would be dead, but I 8 9 think there would be so much disruption worldwide of all 10 societies that I think it would be absolute global chaos. That's all from the Defendant. 11 0. Thank you. 12 We would move for admission of Exhibits 2 through 16. 13 14 THE COURT: Ms. MacRae? 15 MS. MACRAE: No objection for the purpose of this hearing and motion. 16 17 THE COURT: Okay. Exhibits 2 through 16 are 18 admitted. 19 (WHEREUPON, Defense Exhibits 2 through 16 were 20 admitted into the record.) 21 Sir, if you'd like to hand those over THE COURT: 22 to my --23 MS. MACRAE: Your Honor, may he keep those for the purposes of cross-examination? 24 25 THE COURT: Of course. Never mind. Go ahead and (800)528-3335

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Washington v Taylor Hearing June 26, 2017 NDT Assgn # 24531-1 Page 32 keep them because Ms. MacRae has some questions for you. 1 2 THE WITNESS: Oh, okay. 3 Whenever you're ready, Ms. MacRae. THE COURT: 4 MS. MACRAE: Thank you. 5 CROSS-EXAMINATION BY MS. MACRAE: 6 7 After having listened to you talk, Dr. Running, I Q. 8 think it seems safe to say this is an important cause for 9 you, isn't it? 10 Yes, for 30 years. Α. It's not just your profession, is it? 11 0. 12 Α. No. 13 And your -- it sounds like you have strong Q. personal feelings about climate change. 14 15 Sure. I look at these numbers all day, every day. Α. As a result, I'm guessing you take this as a very 16 Q. serious matter? 17 18 Α. Yeah. 19 Q. Okay. And correct me if I am wrong on this. I am a lawyer and not a scientist. My lay understanding of what 20 you look at is the carbon cycle on a global level. 21 22 Α. Mm-hmm. And in fact, analyzing the way that carbon 23 Q. 24 emissions in their totality affect the entire world. Mm-hmm. 25 Α. (800)528-3335

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1	Q. Somewhat of a pun intended, you look at global
2	incidents and not at specific, quantifiable, individual
3	I'm sorry. You don't look at an individual effect of a 30-
4	mile car ride to work every day. You're looking at the
5	effects of the use of cars for personal transportation on a
6	much larger level.
7	A. My own personal research, since I work with NASA
8	satellites, is the big scale. But other of my colleagues do
9	analyses.
10	Q. Absolutely.
11	A. Right down to the individual clear rides.
12	Q. Yeah. I understand that. But your personal area
13	of expertise is on a much more, as I keep saying, global or
14	it's on a magnitude of what we would describe as being more
15	looking at the full picture?
16	A. My Ph.D. is in tree physiology, so I did my Ph.D.
17	on 13 trees. So I've actually worked in scales all the way
18	down to pretty small. And so I don't think it's even
19	though NASA pays me to think globally, I've got expertise
20	right down to looking at single leaves.
21	Q. I appreciate that.
22	So, and yes, obviously, it's there are scalable
23	issues at hand in climate change.
24	A. Mm-hmm.
25	Q. And when you talk about the carbon cycle, and
1	DEPOSITION AND TRIAL

1 again, correct me if I'm wrong, is it something that can be analyzed on an individual, scalable basis to certain, very 2 3 specific actions, like again, I use -- and let's use my personal commute of 34 miles which I drove today instead of 4 5 taking van pool, largely because I thought this was going to take a while. Is that something that can -- that action, my 6 7 decision to take -- to drive today instead of take van pool, 8 is that something that can -- you can analyze its result on the larger global climate change? 9

A. Certainly. We can calculate what the carbon emissions were from you or anyone else taking a certain distance in a car and how much fuel was burned. And so any -- any specific activity, it's now pretty straightforward to measure the carbon emissions from that activity.

15 And I understand that you can measure those carbon Q. emissions, like when someone flies on a plane and they 16 choose to offset their carbon footprint for that decision to 17 say fly 3,000 miles, but what you -- what you're studying in 18 19 climate change and the larger carbon cycle and the 20 greenhouse gases are an effect that being seen globally, or at least certainly more macro than those sort of micro 21 22 actions we are talking about.

A. Yes. So what I'm most interested in personally is the collective global carbon cycle. The atmosphere circulates the whole planet every two weeks and so I want to

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1 understand how all these collective emissions from the land 2 and ocean surface end up in their final global atmospheric 3 carbon emissions.

Q. When you look at that larger carbon cycle, can you
-- say my decision to take a van pool for a week versus
drive each day for the commute, is that going to noticeably
or quantifiably affect the carbon cycle as you monitor it?
A. We can certainly quantify the emissions that were
generated.

Q. I know you can quantify the emissions that I'm generating.

12 A. Yeah.

Q. But can you say that that quantified number of my emissions is reflective in the carbon cycle as you analyze it and monitor it?

16 A. Well, I think if you're asking about our precious 17 of atmospheric measurement, it is --

18 Q. I'm not --

19 A. -- four significant digits.

Q. Okay. And I appreciate that. And I was obviously -- my understanding of science is becoming more and more precise.

A. Absolutely.

23

Q. The ability to both acknowledge the way climate
change affects the world is becoming easier and easier to

1 record and notice.

2

5

A. Yes, I agree.

Q. I mean, I don't think that that's anything the
4 State is arguing with here.

A. Right.

But what I'm trying to understand is, is my 6 Q. 7 personal decision to take van pool versus drive something 8 that has a truly noticeable effect on the larger carbon cycle as you study it globally? It's quantifiable. As you 9 point out, we can go be so precise as to four digits, but is 10 11 that in itself going out to four digits of precision, I mean, at that point is that something that's actually 12 noticeable, that one individual action on my part? 13

A. Yeah. Certainly, every one of our individual
actions is only a small contribution to the collective
whole.

17 **Q. Yes.** 

18 A. I mean, there are seven billion people on earth.
19 Q. And you were somewhat referring to this when you
20 were looking at Exhibit 16, your last exhibit.

21 A. Yeah. Yeah.

Q. Which, correct me if I'm wrong, but those
projections are largely based on a belief that federal and
international policy would commit to lowering emission rates
to thus that we would slow climate change to this goal of

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the two percent -- or the two degrees per year if I understood correctly.

3 THE COURT: Is there a question there?
4 BY MS. MACRAE:

1

2

Q. So I guess my point is, you acknowledge that this graph is reflective on a result of federal policy and international policy activity working towards this goal.

8 The physical models make no assumption of how this Α. They simply do the algorithms of what level of 9 happens. emission reductions would be required for the climate 10 11 consequence, the climate target. So they have no idea 12 whether everybody dies or whether different countries make big policy choices. The models don't care about any of 13 14 that. This is raw physics.

Would these models be accurate if the changes were 15 Q. the type of thing I was talking about earlier with my 16 17 decision to take van pool instead of drive to work each week? Is that -- are we talking -- would this model be --18 19 how -- let me clarify. How many individual actions would you, in your experience and training and your expertise, 20 believe need to be seen to have this model be accurate? 21 22 I'm not doing well at deciphering your question. Α. 23 Okay. Q. We clearly, you know, we know what the carbon 24 Α.

25 emissions of the U.S. are. We know how many people, like

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1 using your example, drive to work each day, approximately. Some of the social impact models calculate those sort of 2 3 details -- number of miles, number of gallons of gas, all those things. They could easily then represent if all the 4 5 commuters dropped to, you know, some other method that dropped their emissions a great deal, they could certainly 6 make that calculation. And so the harder part for our 7 8 modeling is not the physics; it's figuring out what humanity 9 wants to do.

Q. That actually makes me think a little bit of what you were talking about in the graph, in Exhibit 3, that graph of the increase of CO2 emissions globally, I believe.

THE COURT: I'm sorry; which exhibit?

MS. MACRAE: Exhibit 3.

15 THE WITNESS: Oh, yeah. Global Carbon Emissions.16 Yeah.

17 BY MS. MACRAE:

13

14

Q. And my understanding is the only time since -it's reflective on this graph and I don't know if it was monitored before this -- that there has been a reduction in the production of CO2 emissions on a yearly basis is in 208.

23 A. Yeah.

Q. And as you noted, that was -- coincides with the economic downturn; correct?

1	A. Yes.
2	Q. I may be extrapolating here, but the economic
3	downturn I'm assuming had somewhat macro effects on the
4	consumption of fossil fuels.
5	A. Yeah. Absolutely.
6	Q. Substantially more effect than my decision to take
7	van pool versus drive for a week.
8	A. Well, a whole lot of people ended up unemployed so
9	they didn't commute. So they stayed home.
10	Q. And that that effect, that number of people not
11	driving was actually something that could be measured with
12	CO2 emissions according to this graph.
13	A. Yes.
14	Q. But other than that downturn in which there was a
15	reason why numerous people didn't drive, there hasn't been
16	any other decrease in CO2 emissions?
17	A. You see on a global basis, that's the only year
18	that's ever gone down. We find that just amazing to see.
19	Q. And it is. And it suggests, of course, that for
20	CO2 emissions to truly decrease, it would need to be
21	something that was a global that had a global impact.
22	A. Sure. Yeah, because, you know, the whole world is
23	in this together.
24	Q. Yeah. Just one minute. Sort of switching gears,
25	you mentioned other ways, of course, other large producers
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1 of CO2 gas -- cement, if I remember correctly, produces quite a bit of emissions. 2 3 Right. Α. And as you noted, wasted food does; correct? 4 Q. 5 Α. Mm-hmm. And would a more efficient use of food, a more 6 Q. 7 efficient food system potentially decrease CO2 emissions? 8 Α. Certainly. 9 In the case of cement, potentially making fewer 0. roads, would that decrease CO2 emissions? 10 11 Α. Mm-hmm. 12 Or building fewer dams out of cement, that would Q. decrease CO2 emissions. So there are many ways that CO2 13 emissions could be decreased. 14 Yes. You note in Exhibit 4 that by far the 15 Α. biggest emission source is coal. 16 Absolutely. I have a question looking at Exhibit 17 Q. 18 Looking at the graph of coal, it looks to me in 4. 19 approximately -- so 2008, it looks like there was a slight decrease in coal, in emissions due to coal, if I'm correct 20 at that, give or take, but I'm assuming that's 2008 based on 21 our earlier conversation. 22 Yeah, I think so. 23 Α. 24 Okay. If the next point is 2009, there's a slight Q. 25 increase. Then there's a large increase to 2010. And then

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1 a much slighter increase to 2011. Do you know why that the 2 production of coal emissions was -- grew at a much slower 3 rate that year?

A. The biggest coal consumer by far is China. And so
we watch every year for the statistics on China's coal
burning. At that time, their coal burning was still
accelerating while the U.S. coal burning was starting to
decelerate. Since these are global numbers here, it's a
little hard for me to parse out by nation. This global
carbon project does do that.

11 **Q. Yes.** 

A. If you want to go to their website, they slice anddice the carbon numbers every which way.

Q. Yeah. But correct me if I'm wrong here, this information in Exhibit 4, as you pointed out, is for the production of CO2 emissions from coal globally.

A. Mm-hmm.

Q. It could be substantially less. Those emissions
could be substantially less based on the United States on
burning of coal than that of China's it sounds like.

A. Oh, yeah. The U.S. is much more than China now -nowadays.

Q. And I am pulling this out of my head. So that could also be less than say the Netherlands, just to use another country as an example.

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1 Α. Right. So again, what the CO2 emissions here is 2 Q. Yeah. 3 showing is on a global level but not necessarily reflective of actual policy and production and consumption of coal here 4 5 in the United States. 6 Α. Right. 7 Q. Just a minute. You said at one point that global 8 warming started to be, I believe, quantifiable or able to be monitored in 1980. 9 10 I use that as a simplifying statement for my Α. 11 public talks. 12 Q. Okay. And so if you wanted to get exceedingly rigorous 13 Α. 14 you could maybe argue that point a bit. But I find with public audiences, it's important for them to know this 15 didn't just start in the last couple years. 16 So I was going to ask, I assume coal 17 Ο. Of course. 18 was burned before 1980. 19 Α. Yeah. And it had some effect on the climate prior to 20 0. 21 that. 22 Α. Mm-hmm. 23 So obviously -- sorry, yeah, I was just curious Q. 24 about that because the consumption of coal isn't the only 25 thing that has led to climate change or CO2 emissions, is (800)528-3335

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1 it? All right, if you look at Exhibit 4, in 1960, 2 Α. 3 well, starting in 1970 till about 1985, oil was actually a larger carbon emission there for about 15 years. Then they 4 5 were about equal for about 20 years. And then that final burst of the last 15 years has been almost all China. 6 7 And correct me again if I'm wrong, it sounds like Q. 8 largely China is the main producer of CO2 emissions from 9 coal right now. 10 Α. Right. And when, as you put it earlier, we're all in this 11 0. 12 together. Does -- and I can see absolutely that China's burning of coal has some effect here in Washington of 13 climate change. 14 Some of our fine sunsets in the summer, 15 Α. unfortunately, are Chinese air pollution. 16 17 Yes. Q. 18 Α. I'm sorry. 19 Q. Yeah, no, it's true. I grew up in Southern 20 California and the forest fires always led to the most 21 beautiful sunsets. 22 Α. Okay, yes. 23 But the reality is that a person, an individual Q. 24 here in Washington, doesn't really have any control over the 25 coal being burned in China, do they?

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1 MS. OSBORN: Objection; I think this may be outside the scope of the direct and possibly the witness's 2 3 expertise.

THE COURT: Go ahead, Ms. MacRae.

4

5 MS. MACRAE: When -- at the end of his testimony, he went into the various things that humanity needed to do 6 7 and has been talking about this as a collective whole. But 8 my question is focused on the individual action.

9 **THE COURT:** Okay. So overruled. I'll allow it. 10 BY MS. MACRAE:

An individual's actions here in Washington have 11 Ο. 12 little to no effect on the fact that China is the largest producer of coal as far as I can tell from what you've bene 13 testifying to. 14

15 Largest consumer of coal. And so they buy a lot Α. of coal from Montana and Wyoming that's shipped through here 16 17 and then goes to China. And so we're part of their coal burning over here. 18

19 Q. Market principles would suggest that if China wasn't burning the coal it wouldn't be --20

21 MR. HODGSON: Objection; supposes things that are simply not in evidence. We do not have the market --22 23 THE COURT: I think we need to have one Okay. 24 attorney, one witness. Right? 25

MR. HODGSON: Sorry, Your Honor.

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Washington v Taylor Hearing June 26, 2017 NDT Assgn # 24531-1 Page 45 1 THE COURT: I could tell you had a real objection there though. 2 3 If I may. Excuse me. MR. HODGSON: 4 THE COURT: You can certainly counsel with the 5 attorney who is actually handling this witness. 6 MS. OSBORN: We're objecting to the reference to 7 market forces. 8 THE COURT: Sustained. Go ahead and move on. 9 BY MS. MACRAE: 10 Q. So China is the largest consumer of coal? 11 Mm-hmm. Α. 12 0. Does China produce all the coal it consumes? 13 Oh, no. No. Α. 14 Q. So they're --15 In fact, their latest five year national strategy, Α. they're committing to quit importing coal by the end of this 16 year. Now, that still means they'll burn coal that they 17 18 produce themselves, but as they are trying to wind down 19 their carbon emissions, they're trying to quit buying it and 20 where they buy it from first is the U.S. and Australia. 21 But China is, in fact, it sounds like, actually Q. 22 concerned about CO2 emissions from coal. 23 Α. Mm-hmm. 24 And China as a country is trying to regulate its Q. CO2 emissions. 25

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1 MS. OSBORN: Objection, Your Honor. We really didn't get into Chinese policy in our direct. 2 3 THE COURT: How does it relate to what your cross is? 4 5 MS. MACRAE: Well, he's saying that the coal being 6 consumed by China is somewhat being produced in Montana and 7 transported through here, but if China is itself tackling 8 that issue, for whatever own internal policy reasons, I was 9 just trying to clarify that regardless of whether or not coal is being produced in Montana and transported through 10 Spokane, China, the largest CO2 emission producing country 11 12 is trying to stop its importing of that potential coal. 13 THE WITNESS: Yes. 14 THE COURT: Okay. So hold on. Hold on. It's got 15 minor relevance. So I'll go ahead and allow that one question but we are kind of getting into some weeds here. 16 Go ahead. 17 18 THE WITNESS: I study this all day, every day, so 19 have at it. 20 BY MS. MACRAE: 21 But just to clarify, to wrap up what I said in a Q. 22 much lengthier way, China is consciously trying to reduce its CO2 emissions. 23 24 Α. Yes. 25 Q. And its consumption of coal that's produced

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Washington v Taylor Hearing June 26, 2017 NDT Assgn # 24531-1 Page 47 outside of China. 1 2 Α. Yes. 3 MS. MACRAE: I have no further questions at this time. 4 5 THE COURT: Okay. So State has finished their 6 cross-exam. Counsel? 7 MS. OSBORN: Thank you. I just have one question 8 follow-up. REDIRECT EXAMINATION 9 10 BY MS. OSBORN: Dr. Running, are the conclusions and information 11 **O**. 12 you provide today derived from your personal belief? No; they're derived from climate science 13 Α. publications and government statistics that I read every 14 15 day. 16 Is there scientific consensus among the Q. 17 (inaudible)? 18 A. Yes, there certainly is an overwhelming consensus 19 of all these different measurements that I showed in these 20 exhibits are direct measurements from instruments. So this 21 is quite air tight. 22 MS. OSBORN: Okay, thank you. That's all I have. 23 THE COURT: Did that bring up anything, Ms. 24 MacRae? 25 MS. MACRAE: No further questions from the State. (800)528-3335

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Washington v Taylor Hearing June 26, 2017 NDT Assgn # 24531-1 Page 48 THE COURT: Jessica, if you would, please take 1 And so this witness may be excused for now. But 2 those. 3 you're not going to be flying back right away, are you? Are you leaving us right this minute? 4 5 THE WITNESS: No, no. No, I'll be here all the 6 rest --7 THE COURT: Okay, because I have a question for 8 you. 9 THE WITNESS: Okay. 10 THE COURT: Not relevant to this. Okay. 11 MS. OSBORN: Thank you, Your Honor. We'll call 12 Professor Tom Hastings. 13 THE COURT: And I have been reminded. Thank you, 14 gentlemen. Please raise your right hand. 15 16 MR. HASTINGS: Just to let you know, I am very hard of hearing. I will do my very best. 17 18 TOM HASTINGS, having been first duly sworn, was examined and testified as follows: 19 20 THE COURT: Go ahead and have a seat, sir. And whenever you are ready, please proceed. 21 22 DIRECT EXAMINATION 23 BY MS. OSBORN: 24 Good afternoon. Could you please state your name Q. 25 and spell your last name? (800)528-3335NAEGELIUSA.COM

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A. Tom Hastings, H-a-s-t-i-n-g-s.

Q. And could you describe your professional position
and credentials and qualifications?

I'm assistant professor of Conflict Resolution at 4 Α. 5 Portland State University, and I'm coordinator of the undergraduate major and minor programs. I do serve on 6 7 graduate committees and chair some of them. And I also 8 teach occasionally through Rutgers University and through 9 other various courses, including I'm a founding faculty 10 member of the James Lawson Institute. My research has 11 fallen to this area of specialization over the years. I've 12 got a number of peer-reviewed publications, several books, and my professional association governance activities 13 include being a board member of the Oregon Peace Institute. 14 15 I served three times -- three terms, rather, on the Peace and Conflict Studies Consortium, which is a regional 16 academic association, and then four terms, two of which I 17 was co-chair of the Binational U.S.-Canada Academic 18 19 Association for our field, which is the Peace and Justice 20 Studies Association. And I have three international 21 organizations I serve -- the International Peace Research 22 Association. I served two terms on their governing council 23 and the International Peace Research Association Foundation 24 which funds that activity. And in that context, I review 25 research proposals from around the world that specialize in

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1	nonviolence, in particular. And finally, in terms of
2	governance, I'm on the Academic Advisory Council and have
3	been for 14 or 15 years of the International Center on
4	Nonviolent Conflict in Washington, D.C. That's all I can
5	think of right now.
6	SPEAKER: Your Honor, if we could is there any
7	way to turn this microphone up? I know a lot of people out
8	here are having trouble hearing. Can you speak just a
9	little closer?
10	THE WITNESS: Is this better?
11	THE COURT: Jessica is going to see if she can
12	adjust that at all.
13	THE WITNESS: Is this better? No.
14	SPEAKER: We still have a lot of people with their
15	hands up, so if we can get more volume, if you could, sir.
16	THE WITNESS: Is this better?
17	SPEAKER: Yeah. Yes.
18	THE WITNESS: Okay. Thank you.
19	THE COURT: It's almost like you have to hold it
20	and speak right into it and then everybody is happy; right?
21	I figured that out. So if I don't move and I have to talk,
22	here we go. So you get to do the same thing.
23	THE WITNESS: Thank you, Your Honor.
24	THE COURT: You're welcome, sir.
25	MS. OSBORN: I just note that Professor Hastings
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Washington v Taylor Hearing June 26, 2017 NDT Assgn # 24531-1 Page 51 has a broken wrist. And are you comfortable there? Are you 1 going to do all right there? 2 3 THE WITNESS: I'm okay, thank you. THE COURT: 4 I don't think he's comfortable. 5 (Inaudible); right? 6 THE WITNESS: Yes. 7 THE COURT: Okay. BY MS. OSBORN: 8 9 Ο. Okay, thank you. And just to clarify, when you said "this specialization," could you please describe what 10 11 your specialization is? 12 Α. Sure. I look primarily at civil resistance, civil disobedience, strategic nonviolent conflict. 13 Q. Okay, thank you. If you'll take a look at Exhibit 14 1. Excuse me, I need to provide you with Exhibit 1, if I 15 16 may. 17 MR. CHRISTIANSON: Just to clarify, Your Honor, 18 this would be Exhibit 17, even though it's Exhibit 1 to his 19 paper. 20 THE COURT: Correct. So Jessica, this will be 21 Exhibit 17. 22 MS. OSBORN: Thank you. 23 THE COURT: You're welcome. 24 BY MS. OSBORN: 25 Q. Is this a current and accurate copy of your (800)528-3335NAEGELIUSA.COM DEPOSITION AND TRIAL

curriculum vitae? 1 2 It was when I gave it to you recently, but since Α. 3 then there's been one more award and one more publication. 4 But yes, other than that. 5 All right, thank you. And you mentioned that you Q. have written some books? 6 7 Α. Yes. 8 Could you tell us the names of the books that Q. 9 you've published? 10 The first one was called Ecology of War and Peace, Α. which went through some of our environmental challenges in 11 12 using nonviolent resistance to help -- to remedy those problems. One was called Meek Ain't Weak: Nonviolent Power 13 14 in People with Color. It looked at the roots of resistance, 15 nonviolent resistance from around the world. One was called 16 Power and it was about the nature of power and how it is not all done at the barrel of a gun. One is called Nonviolent 17 18 Response to Terrorism and it looked at the elements -- it 19 was after a year of doing elicitive workshops around the 20 country with both activist groups and academic association -- I'm sorry, academic conferences, to find out what people 21 thought would be a multilevel response to terrorism. 22 23 Another book is Conflict Transformation, which is peerreviewed -- I ran -- did a blind peer review process for 24 25 that. So it's an edited compilation. And then another one (800)528-3335

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1	called A New Era of Nonviolence, which looks at very
2	specifically how civil society can help (inaudible) civil
3	war. That's a pretty good roundup of most of them.
4	Q. Would you take a look at what I've marked as
5	Exhibit 2, but which is actually Exhibit 18, and tell us
6	what that document is?
7	A. This is the literature I consulted in preparation
8	of the testimony that I'm going to be giving.
9	Q. All right, thank you. And I would like to move
10	for introduction of Exhibits 17 and 18.
11	MS. MACRAE: No objection.
12	THE COURT: Okay. So Exhibits 17 and 18 will be
13	admitted for purposes of this hearing.
14	(WHEREUPON, Defense Exhibits 17 and 18 were
15	admitted into the record.)
16	MS. OSBORN: Thank you. And I would also ask the
17	court to move to have the court qualify Professor Hastings
18	as an expert in the area of nonviolent civil resistance.
19	THE COURT: Ms. MacRae?
20	MS. MACRAE: No objection.
21	THE COURT: Okay. He is so certified to be an
22	expert.
23	THE WITNESS: Thank you.
24	BY MS. OSBORN:
25	Q. Can you provide a, excuse me, a summary of the
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### 1 testimony you're about to give?

A. I want to look at the nature of a nonviolent resistance. I want to look at the empirical studies that have been done on the efficacy of civil disobedience or civil resistance. And then I want to look at what our defendant has done that lines up with that.

### 7 Q. Thank you. Can you define the term "civil 8 resistance"?

9 A. It's used interchangeably and one term goes in and 10 out of fashion and then another, but it's basically civil 11 disobedience, nonviolent resistance, strategic nonviolence 12 and civil resistance are all used. And what they mean is 13 that the activities undertaken by those resistors are 14 nonviolent, they are accountable, and they are transparent.

## 15 Q. Is civil resistance effective in bringing about 16 social change?

Yes, it is. The case studies go back a long way, 17 Α. 18 and that case study research has been very interesting, but 19 in the past 12 years, there's been a lot more empirical 20 research, first done by Freedom House in 2005 looked at 67 regime changes from around the world in the past 35 years 21 22 and looked at metrics of human rights, civil rights, and democracy that resulted. And they were statistically in 23 24 favor of nonviolence over violent insurgency. Then a very 25 large end study was undertaken beginning in 2006 with a

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1	publication of a journal article in International Security
2	Studies by Drs. Erica Chenoweth and Maria Stephan that
3	looked at 323 cases of maximal global struggle, both violent
4	and nonviolent around the world between 1900 and 2006. And
5	what they found was that nonviolent insurgency very
6	counterintuitively was successful about twice as often as
7	was violent insurgency. And it was nonviolent insurgency
8	was successful slightly more than half the time. Violent
9	insurgency was successful barely more than a quarter of the
10	time. This was really countervailing research that flew
11	straight in the face of what we had assumed for pretty much
12	forever. So this is game-changing research and it's widely
13	known now amongst pretty much all levels of activists on
14	most issues.
15	Q. (Inaudible) publications, are they listed in
16	Exhibit 18?

17 A. They are, both the journal article and the book18 that followed.

Q. Were the actions of defendant Reverend Taylor what
 you would call civil resistance?

A. Yes. Reverend Taylor acted as a -- in a classic sense of the nonviolent civil resistor. Everything that he did was calm. He was peaceful. He was open, transparent, cared for everybody's physical and psychological well-being, submitted to arrest peacefully, and --



Washington v Taylor Hearing June 26, 2017 NDT Assgn # 24531-1 Page 56 MS. MACRAE: Objection; speculation. I don't 1 2 believe that the witness was at the protest in question. 3 MS. OSBORN: That is correct. 4 THE COURT: Which part of the answer are you 5 objecting to? 6 MS. MACRAE: He's describing the Defendant's 7 behavior at the protest. He's speculating since he was not 8 there. He doesn't have personal knowledge. 9 THE COURT: Okay. So as to --10 MS. OSBORN: May I ask the witness a couple of 11 questions? 12 THE COURT: Yes. I'm going to hold that for a moment and you're going to help clarify what's going on; 13 14 right? 15 MS. OSBORN: Yes. 16 THE COURT: Okay. MS. OSBORN: 17 Thank you. 18 BY MS. OSBORN: 19 Q. Can you tell us how you knew what happened with respect to the arrest of the Defendant? 20 21 Talking to the Defendant and reading the newspaper Α. 22 articles. 23 THE COURT: Ms. MacRae? 24 MS. MACRAE: No objection to testifying to his understanding based on that information. 25 (800)528-3335

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1	THE COURT: Okay. So the objection then is
2	overruled as to those two types of communication or
3	something that he's reviewed personally.
4	MS. OSBORN: All right. Thank you.
5	BY MS. OSBORN:
6	Q. So to complete your response, (inaudible) to the
7	question were the actions of the Defendant what you would
8	call civil resistance?
9	A. Yes, because part of that classic nonviolent
10	resistance campaign goes to outreach to the media to try to
11	help educate fellow citizens because that is the way
12	ultimately the public policy will be changed.
13	Q. What are examples of the use of civil resistance
14	in the United States?
15	A. They're innumerable, but just the short list would
16	actually begin in Colonial America, beginning, let's say,
17	with the Boston Tea Party with boycotts of British goods.
18	Going forward, women attempted to be able to vote from the
19	beginning of the creation of the United States of America
20	and it was not until they engaged in nonviolent civil
21	resistance that women's suffrage resulted in the vote and
22	getting women to vote. In the 1910s, '20s, and '30s were
23	many labor actions that ultimately resulted in gaining
24	collective bargaining rights and the creation of units. The
25	most iconic example, obviously, is the civil rights moment
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in the United States. That was a movement full of different 1 campaigns, each one of which was waged with nonviolence, 2 3 each one of which would up with public policy change that had been waiting since really the late 19th Century at least 4 5 to occur, and it was not until nonviolent resistance was put into play that those changes began. Then we also had the 6 7 Native American treaty rights. We see victory after victory 8 when nonviolent resistance has been used. Same thing for environmental protection, in many cases. Same thing for 9 rights of LGBTQ people and migrant workers. So we have 10 innumerable examples in America of the success of nonviolent 11 12 resistance producing those changes and institutional and corporate and public policy changes. 13

Q. Thank you. What do you conclude from all of these samples of successful civil resistance campaigns?

A. Well, my conclusion is that there is hope that when a longstanding and really (inaudible) social issue exists, that quite often that's the only hope is to continue into the realm of nonviolent resistance.

Q. What is the purpose of nonviolent resistance?
A. To basically to come into the courts, to approach
-- to go beyond the other means that had been exhausted. To
go beyond dealing with, for example, the other two branches
of government. To go beyond what the Defendant and his
allies have done, which is to lobby, which is to write

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1 letters to the editor, write letters to their senators, to 2 their representatives. To visit the offices of the elected 3 representatives. Also, to stage public events to educate 4 fellow citizens and to continue these activities which 5 unfortunately have failed.

Q. How does the judicial branch of government fit in?
A. It is the last best hope in most cases. That's
why nonviolent resistance turns to the judicial branch for
relief.

10

### Q. Can you give examples?

11 Well, probably the iconic example is Brown v. Α. 12 Board of Education. So very brave African=American families, for example, would bring their children to the 13 14 (inaudible) public segregated school, attempt to enroll 15 them, and the NAACP would carry that case forward for them. 16 Ultimately, that resulted in Brown v. Board of Education in 1954, but other examples from the Civil Rights Movement 17 18 include the case that preceded or rather than followed --19 the Rosa Parks 1955 action, sitting on the bus in 20 Montgomery, Alabama, and there was a nonviolent campaign 21 that went on all that year while the case wound its way up to the United States Supreme Court, which affirmed the lower 22 court ruling, which upheld the desegregation of public 23 24 transport.

25

Q. Okay. You've been here this morning listening to

1 the testimony of Dr. Running. Do you think that the 2 (inaudible) climate change is conducive to a civil 3 resistance campaign?

I do. I do because the -- the information that 4 Α. Dr. Running very credibly gave us would really indicate how 5 imminent this -- and gathering this threat is. It also 6 7 showed that it is (inaudible). And especially when 8 considered in the sense of our new administration basically removing a lot of the protections, so yes. I think that 9 it's amenable to this kind of action. It's true that 10 there's no end to opportunities to write more letters to the 11 12 editor, and those letters to the editor, for example, simply have not succeeded so far. The next step needs to be taken. 13

Q. Has the Defendant attempted reasonable legal alternatives to civil resistance?

16

A. I'm sorry; can you repeat?

Q. Has Reverend Taylor attempted reasonable legal
 alternatives to civil resistance?

19 Α. Yes. Reverend Taylor and the couple he's associated with have attempted innumerable activities to try 20 to deal with this problem that, as we've heard from Dr. 21 Running, has been in the public eye since at least 1988. 22 So almost 30 years. And when they -- his colleagues and he 23 24 have been attempting for a long time to seek progress on this. 25

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1	Q. Do you think that civil resistance will resolve
2	the problem with climate change?
3	A. It's our last best hope at this point, yes. I
4	mean, I study social movements and what I tell students is
5	you show me a social movement that wins and I will show you
6	a multi-prong approach. It is not to say that Reverend
7	Taylor just decided one day to march out on the railroad
8	tracks. This is something that, you know, doesn't come
9	first. It comes later. But it comes in coordination with
10	many other things.
11	MS. OSBORN: All right. Thank you. That's all we
12	have.
13	THE COURT: Ms. MacRae, cross-exam?
14	MS. MACRAE: Yes, Your Honor.
15	CROSS-EXAMINATION
16	BY MS. MACRAE:
17	Q. You mentioned the Boston Tea Party as potentially
18	the first act of civil resistance in the United States.
19	A. One of the first, yes.
20	Q. Yes. Correct me if I'm wrong, but wasn't private
21	property destroyed in the Boston Tea Party?
22	A. Probably.
23	Q. In fact, the act of civil resistance in that case
24	was to, again, going back to my elementary school history
25	classes, dump a bunch of tea into the Boston Harbor.
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1 Α. Yes. So while it may have been nonviolent in the sense 2 Ο. 3 that no person was harmed, it was -- property was destroyed, wasn't it? 4 5 Α. Correct. Okay. And to look at another example you gave, in 6 Q. 7 the case of Rosa Parks, and not getting into the fact that 8 the law she broke was certainly unconscionable, but correct 9 me if I'm wrong, she did, in fact, break a law in that case. 10 Α. Yes. And I believe she was either convicted or plead 11 0. 12 guilty to breaking that law. 13 Yes, she was given a \$14 fine. Α. And again, I'm not defending the nature of the law 14 Q. itself, but I'm trying to understand, in cases of 15 nonviolence, the law may be broken. 16 The attempt is usually to bring the local, state, 17 Α. or even sometimes federal law into residence with the 18 19 Constitution. So that is the basis of much of nonviolent 20 civil resistance. I take your point in the Boston Tea Party. That's a very good point, but as Gandhi said, later 21 in his life, that nonviolence at his stage, he said it's 22 like when Edison invented the light bulb. We're still in 23 24 the experimental stage. So that -- the model continues to 25 improve. We continue to learn how to be more transparent,

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how to be more accountable, and how to work basically within 1 2 the system. 3 Q. That makes sense to me. It's a practice it sounds like is what you're saying. 4 In the case of the Boston Tea Party, the protest 5 6 was as to the tariff on tea. 7 Α. Yes. 8 Yes. And again, in the case of Rosa Parks it was Q. 9 to the segregation of the bus -- the Montgomery bus system. 10 Yes. So it was the complete disassociation of Α. local law with the Constitution. 11 And you used Brown v. Board of Education again. 12 Q. Again, the -- not only -- the civil act -- the acts of 13 14 nonviolence that led to that case were, of course, protesting laws that segregated children in public schools. 15 16 Α. Yes. And you're aware that Reverend Taylor is charged 17 Q. 18 with two misdemeanors in this case. 19 Α. Yes. One is Criminal Trespass in the Second Degree and 20 Q. the other is blocking the trains. 21 22 Α. Yes. As to the Criminal Trespass in the Second Degree, 23 Q. are you contesting that he somehow didn't break that law? 24 25 Α. No. (800)528-3335

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MS. OSBORN: Objection, Your Honor. 1 I'm not sure 2 this witness is the correct person to have the prosecutor 3 determine whether the elements of the crime have been met. 4 THE COURT: Okay. Your response? 5 MS. MACRAE: Let me back up. 6 THE COURT: Okay. So are you withdrawing that 7 question? 8 MS. MACRAE: I'll withdraw the question. Yes. 9 THE COURT: Okay. So the prosecutor just withdrew that question and is going to ask a different question. 10 11 BY MS. MACRAE: 12 Ο. So you spoke with the Reverend about his actions in question here. And so you understood that he entered 13 private property. 14 15 Α. Yes. 16 Without permission to be there. Q. 17 Α. Correct. 18 Q. That he stayed after he was told to leave. 19 Α. Yes. 20 And was subsequently charged with a criminal act. Q. 21 Α. Yes. 22 What I -- I'm struggling to understand is it seems Q. 23 that the foundation of these acts of nonviolence do 24 frequently break the law. 25 Α. Yes. (800)528-3335

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Washington v Taylor Hearing June 26, 2017 NDT Assgn # 24531-1 I'm correct that --1 Q. That's what resistance means. Before that is 2 Α. 3 Then when you break a law, Dr. King framed it as protest. you're either breaking a bad law or you're breaking a good 4 5 law for a good reason. I mean, I guess in the case of Rosa Parks we'd be 6 Q. talking about a bad law for a good reason. 7 8 Α. Right. 9 0. Yeah. And the Boston Tea Party, who knows if it was a bad law or a good law. I don't know what the tariff 10 11 was. 12 Α. Sorry, right, I'm with you there. But regardless if you're breaking a bad law 13 0. Yeah. 14 for a good reason or a good law for a good reason, you're 15 still breaking the law. 16 Α. You're breaking a law. A law. 17 Ο. 18 Α. You may be upholding a different one. 19 Q. When you say upholding a different one, are you 20 referencing sort of -- what do you mean? I'm sorry. 21 So -- so when Rosa Parks sat down on the bus, she Α. was upholding the Constitution. She was upholding a much 22 higher law than the local Jim Crow segregation law. 23 And 24 when the Reverend sat down on the tracks to block the train, 25 then he was breaking the law that you referred to and he was

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1	upholding, I would say, his right to life, liberty, and the
2	pursuit of happiness. But not just for himself. This is
3	very altruistic. Like him, I'm a senior citizen. We don't
4	do these things because we're afraid of the weather in 2050
5	or the year 2100. We do it for, and the Reverend did it for
6	children and grandchildren and future generations and their
7	life, liberty, and the pursuit of happiness.
8	Q. I take your point, but fundamentally, it doesn't
9	change that the Reverend intentionally broke a law in this
10	case.
11	A. All nonviolent resisters stipulate to that, yes.
12	Q. Okay.
13	A. Historically and currently.
14	MR. CHRISTIANSON: Your Honor, I'm not sure if it
15	will help, but Mr. Taylor will admit that he went to the
16	tracks out there. He will make those admissions.
17	MS. MACRAE: Yes.
18	THE COURT: Thank you.
19	BY MS. MACRAE:
20	Q. You mentioned when discussing civil resistance, I
21	believe sort as a larger theory, that it's a multi-pronged
22	approach.
23	A. Yes.
24	Q. And it requires certain actions and coordination.
25	A. Hopefully.
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1	Q.	And based on your testimony, correct me if I am
2	wrong on	this, but I'm thinking that you thought that some
3	of those	acts are letters to the editor.
4	Α.	Sure.
5	Q.	A public protest.
6	Α.	Yes.
7	Q.	Writing letters to your legislator.
8	Α.	Yes.
9	Q.	Going to your legislator's office.
10	Α.	Yes.
11	Q.	So these are
12	Α.	And excuse me, but also attending the public
13	hearings	that those governing bodies are holding so that you
14	weigh in	on the EIS, the environmental impact statement,
15	permit he	earings, et cetera, all of which the Reverend has
16	done.	
17	Q.	Yes. And just to clarify, all of those are legal
18	actions.	
19	Α.	Absolutely.
20	Q.	Legally valid actions.
21	Α.	Yeah.
22	Q.	They're he's not breaking a law when he does
23	any of th	nem.
24	Α.	Correct.
25	Q.	And it sounds like, if I'm correctly understanding
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1 nonviolent resistance, that as you proceed through the 2 process you make a conscious decision to break the law at 3 some point.

A. Well, breaking a law, yes. And again, maybe uphold a higher law. That's the -- that's not the first thing that happens. In actual, what I would call civil resistance, but it is at some point down the road when you see that the threat is now imminent and everything else has not achieved the policy and remedy that you seek.

Q. And you're acknowledging that part of this progression through sort of the hierarchy of civil resistance acts, I don't know how to put it better, is that those other acts have not led to the outcome you want.

14 A. Yes.

Q. And okay. It doesn't mean that those acts aren't still available to a person who's participating in some type of nonviolent resistance.

A. Yes. And you know, if somebody is stuck in the snow in the ditch, they can spin their wheels forever or they can figure out a way to get out of that ditch. And this is what nonviolent resistance is meant to do at some point.

One of the things that nonviolent resistance does is to do exactly what you're getting at, is to show to the general public, and to the court even, that this (inaudible)

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that yes, I'm willing to take the risk of the consequences 1 It's not a desire to suffer, but it is a 2 involved. 3 statement of the seriousness of this issue, saying that the risk is worth the chance that this will have some effect. 4 5 Maybe I'll go to jail, maybe I'll go to prison, but maybe I will inspire some others to get involved at the level that 6 7 they can get involved. That's a really common supposition 8 that I've heard for decades from nonviolent resistors. It 9 seems to work.

Q. I don't disagree with the value and long-term effect of civil resistance. I think what I'm trying to get at and you reference here is that ultimately it's an action that people choose to do, that they understand may have serious repercussions, that they are choosing those repercussions because of the potential ability to cause change.

A. Yes. And sometimes they go to court and the court
will rule that, in fact, what they've done is legal.
Sometimes not and that's the risk that the resisters take.

I do want to take one little point though that you just said that the sort of long run of resistance, actually, there are many, many cases where, as I indicated with women's suffrage, for example, and with Plessy v. Ferguson all the way to Brown v. Board of Education, you have decades and decades of protest and other activities, and all of a



1 sudden when a nonviolent resistance kicks in, the timeline 2 speeds up dramatically. This happened -- and this happens 3 globally as well. I can give -- I will not do my 4 professorial thing and bore you for hours with this but it 5 is quite common, that that is -- that's the sprint to the 6 goal line.

Q. So in the case of women's suffrage, so to speak, the difference between say Susan B. Anthony and what was a largely basis of lobbying legislatures, it varies from say the work of the suffragettes in the post-World War I area when they were doing sit-ins and protesting by refusing to eat.

13 A. Yeah.

14 You're saying that that's what was effective? Q. Actually, and that's not to denigrate 15 Α. Yeah. earlier efforts at all. That was the foundation of 16 everything. But then it was actually during World War I. 17 18 The women were out every single day in front of the White House with signs like "What about democracy at home, Mr. 19 20 Wilson."

Q. Well, and didn't, and correct me if I'm wrong, it's been a while since my Women's Studies classes. But didn't those efforts arise out of an anti-war protest as well, just in the same way that the initial first wage of suffragism arose out of protest of the Civil War and



### 1 slavery?

Actually, no. I'm sorry to part company with you 2 Α. 3 on this, but the women's movement actually split over that issue. That the women who said, no, we cannot go out and do 4 5 resistance and protest during a war because we have to be -we have to be loyal during the war. And then there was 6 Alice Paul and other women who said, no, we need these 7 8 rights. You know, this is the time to press them even more. And the anti-war position of the suffragettes was kind of a 9 secondary thing. It did play a big part in it but it was 10 11 actually to diminish the movement for -- at least for the 12 duration of the war.

Q. And I see the point you're making, but the reality is there was numerous other issues going around in the -when you talk about Alice Paul and protesting, she was protesting obviously nonviolent acts for a woman's right to vote. But we're also assessing the United States was in World War I; correct?

19 A. She was a peace activist, too, yes.

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20 **Q. Yes.** 

A. She did -- she refused to back out of the movement, out of what she regarded as a false loyalty. So yeah, but her first issue was always the women's vote until that succeeded.

25

Q. And I'm probably getting into the weeds here.

1	THE COURT: I think you are.
2	BY MS. MACRAE:
3	Q. Yeah. Ultimately, my point is it comes back to
4	you're talking about these acts of protest as having gone
5	through a progression of other of other legal efforts.
6	A. Yes.
7	Q. Before they break off into an action that breaks
8	the law. But nowhere in any of these other previous
9	examples of nonviolent resistance did the nonviolent
10	resister refuse to admit that they broke the law.
11	A. Well, I guess if they would say in many cases that
12	they broke a lesser law to uphold a greater law. That's
13	actually pretty common.
14	Q. And I get the point you're making, but they're
15	still breaking a law; correct?
16	A. Yes. Yes.
17	Q. And they still accept the repercussions of that
18	decision.
19	A. Yes.
20	Q. And that is in part, in fact, part of the action
21	and why they have broken the law.
22	A. Yes.
23	MS. MACRAE: I have no further questions.
24	THE COURT: Okay, thank you. Any redirect?
25	MS. OSBORN: No redirect. Thank you.
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1 THE COURT: Okay. 2 MR. CHRISTIANSON: Your Honor, can we -- can we 3 take a five-minute afternoon break? 4 THE COURT: We can. And I will let you all know 5 that we can take a break now and I think that we can go till about, well, 5 o'clock, obviously. And so I'm not exactly 6 7 certain -- we can come back here and then do the SOCs. 8 MS. MACRAE: That's what I was going to ask is if 9 we just do the SOCs, and if the Reverend testifies --10 THE COURT: The Reverend can testify at the next 11 hearing date. 12 MR. CHRISTIANSON: Your Honor, if we can take a five-minute break, I will then present one declaration on 13 behalf of an expert that couldn't be here and then we can do 14 15 the SOCs --16 THE COURT: Okay. 17 MR. CHRISTIANSON: -- along with the date. 18 THE COURT: Okay. Great. We'll be in a short 19 recess. 20 MS. MACRAE: And Your Honor, I need to talk to you 21 about the trial. 22 THE BAILIFF: Please rise. 23 (WHEREUPON, a short recess was taken.) 24 THE COURT: Go ahead and be seated, everyone. THE CLERK: 25 We are on the record. (800)528-3335

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THE COURT: Okay. So we are back on the record.
 And Mr. Christianson, if you will proceed, please.

3 MR. CHRISTIANSON: Before we get to the SOCs, Your Honor, we have one third expert who we had scheduled to come 4 5 out. He's coming all the way from the other side of the Yesterday he told me there's just no way he can 6 country. 7 So we are going to submit a declaration from him. make it. 8 We have, on our motion for -- motion to allow the affirmative defense, we have a CD attached as Exhibit 1, or 9 10 Exhibit A, I mean, and I have a Declaration of Fred Millard 11 (phonetic) that I'll hand forward. We would enter this as 12 an offer of proof, Your Honor, as to what his testimony would be. 13

We're going on two grounds of necessity. One is 14 the climate change and the other is train safety. 15 If a 16 train derails in downtown Spokane, falling off a 30-foot track and spilling right below the hospital, right below the 17 18 school, what would occur? And so that was his area of 19 expertise. And if we do go get to trial and have a defense, 20 he's willing to come out. He just couldn't make it today at 21 the last minute. So we enter this as an offer of proof with his CV attached as Exhibit A in our motion. 22

THE COURT: Okay. Ms. MacRae, as for the motion only, obviously --

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25 **MS**.

MS. MACRAE: Yes.

1 **THE COURT:** -- do you have a problem accepting his 2 CV and his declaration? And of course, this is going to be 3 continued to another hearing date to finish up, but do you have any problem with the declaration? 4 5 MS. MACRAE: No. And defense counsel informed me that they would be submitting his declaration in lieu of 6 7 testimony. 8 THE COURT: Okay. So with the State's agreement 9 or lack of objection, if you want to present one with his 10 signature on it. 11 MR. CHRISTIANSON: Your Honor, what I'd like to do 12 is file this and then I will get his signature in the next 13 couple of days. 14 THE COURT: Okay. 15 MR. CHRISTIANSON: And will file that also, or file just the signature page with his signature. 16 17 THE COURT: Okay. And I think you also wanted the 18 CV to be in the court file as well. 19 MR. CHRISTIANSON: It should be attached to the motion allowing the defense that we filed two or three 20 months ago. 21 22 THE COURT: Okay. So it's in the motion 23 paperwork? 24 MR. CHRISTIANSON: That's Exhibit A. 25 THE COURT: Okay. So I have it.

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1	MR. CHRISTIANSON: I didn't want to double it up
2	in the file and make the file thick, you know.
3	THE COURT: Okay. So it's going to be in what's
4	already filed, the CV, and somehow refer to it with the
5	declaration, kind of link them together so that they're both
6	in there.
7	Okay. So we'll take care of that. We'll file
8	this today and then expect the signed original, at least a
9	signature page to be presented sometime before the end of
10	this week.
11	MR. CHRISTIANSON: Correct.
12	THE COURT: You said two days. I give you until
13	the end of the week.
14	MR. CHRISTIANSON: No, I'm gone I'm gone next
15	week for the next two months, so I will get it there this
16	week.
17	With that, Your Honor, we've also come up with
18	dates to continue everything to. I will be working on
19	scheduling orders while we talk.
20	THE COURT: Okay. First of all first of all, I
21	want to just briefly kind of go over what I have here. I
22	have SOCs on Romoff, Heller, and
23	MS. OSBORN: Aeolus.
24	THE COURT: Aeolus. I knew how to say it for a
25	minute and I forgot. And Aeolus. And then Mr. Taylor is
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Washington v Taylor Hearing June 26, 2017 NDT Assgn # 24531-1 the Reverend who is going to go forward. And then what's 1 happening with the other two files, with the Nelsons? 2 3 MR. CHRISTIANSON: When we -- when we ended up at the last minute continuing the motion hearing date, they'd 4 5 already had this 200 person family reunion that they were sponsoring back in Georgia for today, so we excused their 6 7 presence today. So we're going to continue their case to I 8 think it's August 2nd, and I will sign some scheduling 9 orders on their behalf. And they're going to come in and do 10 an SOC. Okay. 11 THE COURT: They're going to do an SOC. 12 MR. CHRISTIANSON: Yeah. And Mr. Hodgson will come over and facilitate that. 13 14 THE COURT: Okay. So I'm going to need 15 continuance orders to August 2nd on both of those. 16 MR. CHRISTIANSON: I'm filling those out. THE COURT: Okay. And that's at 9 a.m. And then 17 18 the rest of the motion? 19 MR. CHRISTIANSON: August 21st at 1:30. And I will get a scheduling order on that. 20 21 MS. MACRAE: Your Honor, can we put a limit on the bench warrant recalls on the August 21st date? It's also a 22 bench warrant recall motion date, like today is. 23

24THE COURT: Okay. So let's talk about the motion.25And that was the 21st, which I'm going to be back from



1 vacation. Happy to be here and proud to serve.

2 Okay. So tell me about day two of the motions.3 So what do you anticipate timewise?

MR. CHRISTIANSON: We're going to put on Reverend Taylor for about a half hour I'd imagine and then we're going to turn it over to the State.

7

MS. MACRAE: And the State is --

8 **THE COURT:** And you're going to cross-examine a 9 Reverend. I did that once as a prosecutor. Awkward.

10 MS. MACRAE: Well, I'll take that up. Yes. The 11 State is going to call -- is planning on calling Alan Dryer, 12 who is the main officer for BNSF. And likely, someone from BNSF about train safety based on the second basis of the 13 necessity defense. Given the lack of date for the 14 continuance, I wasn't sure who was going to be available for 15 it. I don't think we'll have any problem getting someone. 16 17 I'll get a witness list for the defense.

18 THE COURT: Okay. So we're anticipating three 19 witnesses, one for the defense, two for the State.

20

MS. MACRAE: Yes.

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THE COURT: And then there's going to be obviously the closing arguments. How much time realistically do you need? You all are in control of this. I am just the referee.

25

MR. CHRISTIANSON: Half hour. Half hour from my

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Washington v Taylor Hearing June 26, 2017 NDT Assgn # 24531-1 1 end. 2 MS. MACRAE: That seems reasonable. 3 THE COURT: And how many for your witnesses? You know the issue now. 4 5 MS. MACRAE: I know the issues now. I would assume 45 minutes to an hour for Officer Dryer, and probably 6 7 a little bit less than that for the expert on the train 8 safety. 9 MR. CHRISTIANSON: And then some argument. 10 MS. MACRAE: Yeah, and I was including crossexamination time in that. 11 12 MR. CHRISTIANSON: And closing argument to the motion. 13 MS. MACRAE: Yes. 14 15 THE COURT: Of course closing argument. MR. CHRISTIANSON: And it will be Mr. Hodgson, so 16 it may go long. 17 18 THE COURT: And so Tonya, do we have bench warrant 19 recalls already set for that day? 20 THE CLERK: No, not at this point we do not. THE COURT: Okay. So I don't want to see any 21 other motions. I don't want to see any pleas. And I think 22 we can probably do five bench warrant recalls from 1:30 to 23 24 2:00 and then start these hearings at 2:00. Is that going 25 to give you enough time or do you want me just to close it

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Washington v Taylor Hearing June 26, 2017 NDT Assgn # 24531-1 Page 80 to bench warrant recalls? I can do that as well. 1 MS. OSBORN: That would be easier. 2 3 MS. MACRAE: Yes. 4 THE COURT: All right. We're going to close bench 5 warrant recalls and give you all my afternoon. My entire 6 afternoon. 7 MR. CHRISTIANSON: So 1:30? 8 THE COURT: Yes, sir. 9 MR. CHRISTIANSON: Okay. 10 MS. MACRAE: Thank you, Your Honor. 11 MR. CHRISTIANSON: August 21, 1:30 for the second 12 half of the motion. 13 (WHEREUPON, a discussion was held off the record.) 14 THE COURT: Okay. Motion part two, August 21st, 15 1:30. 16 Other two -- Ms. Nelson's SOC entry August 2nd. MR. CHRISTIANSON: I'm getting those orders, 17 18 Judge. 19 THE COURT: Okay. And then I think it might work out just fine if we kind of do the SOCs all together. We'll 20 do a group SOC since you're group protestors. We'll just 21 keep grouping people together. 22 23 And on your motion, Ms. MacRae, for bifurcating 24 and continuing the hearing, I didn't have an order on that. 25 MS. MACRAE: Oh, I'm sorry. (800)528-3335

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Washington v Taylor Hearing June 26, 2017 NDT Assgn # 24531-1 Page 81 1 THE COURT: I'm happy to grant it but I just don't 2 have an order. 3 MS. MACRAE: I will get you an order tomorrow morning if that's okay. 4 5 THE COURT: Okay. And continuing the hearing to 6 the date we've selected. 7 MS. MACRAE: Yes. 8 THE COURT: Okay. So I will put this in the file 9 and then expect an order tomorrow. 10 And as to the other issue, I have procured a jury 11 for tomorrow morning so we will go to trial day one 12 tomorrow. 13 MS. MACRAE: And I emailed both Mr. Johnson and my 14 witnesses already. 15 **THE COURT:** So no further conversation from anybody about the trial? It will start tomorrow morning. 16 17 MS. MACRAE: Yes, Your Honor. 18 THE COURT: So while we're waiting for those 19 orders, I might ask attorney Ms. Osborn and the Reverend, if you want to have a seat somewhere else, I'm going to call up 20 the people who are entering the SOC and have them use those 21 seats, if you don't mind. 22 23 And I thank our expert witnesses for traveling here and providing testimony. I feel like I have been given 24 a real basic education on global warming and the effects of 25

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1	the emissions and a lot to think about. Thank you.
2	MR. CHRISTIANSON: So the three ladies can come
3	up. And I believe the lady has the SOC paperwork?
4	THE COURT: I do.
5	MR. CHRISTIANSON: Good.
6	THE COURT: Okay. So starting on my left, ma'am,
7	hello. I'm sorry, your name?
8	MS. ROMOFF: Deena Romoff.
9	THE COURT: All right. I'm just going to get you
10	all in order here.
11	And you are? Your name, ma'am? Uh-huh.
12	MS. HELLER: Margie Heller.
13	THE COURT: All right. And your name?
14	MS. AEOLUS: Maevea Aeolus.
15	THE COURT: Okay. So each one of you, I'm going
16	to ask you, I hate to do this but I do it for everybody.
17	I'm going to ask your date of birth for the record.
18	<b>MS. ROMOFF:</b> June 15, 1947.
19	THE COURT: And yours?
20	MS. HELLER: March 1, 1929.
21	MS. AEOLUS: June 22, 1947.
22	THE COURT: Okay. So for the three of you I have
23	been handed up a stipulated order continuance for 18 months.
24	And what that means is you're entering into a contract with
25	the State of Washington and this case will be continued out
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1	for the 18 months. You have agreed on this contract that
2	you will comply with a couple of things and at the end of 18
3	months, if you do comply, this case will be dismissed.
4	So the first thing you have all agreed to is that
5	you will have no subsequent similar criminal law violations.
6	You will have no contact with Burlington Northern Railroad
7	and will pay \$150 stipulated order continuance monitoring
8	fee.
9	And you all agree to those conditions?
10	SPEAKERS: Yes.
11	THE COURT: Do you agree, ma'am? You have to
12	speak up because I'm recording you.
13	MR. CHRISTIANSON: You have to speak.
14	SPEAKER: Yes.
15	THE COURT: Thank you. All right. So what's
16	going to happen is hopefully I'll be signing a dismissal
17	order at the end of 18 months. However, if you fail to
18	comply, what will happen is there will be a show cause
19	hearing set. You will be notified, and at that hearing
20	there would be the State would have to reasonably satisfy
21	the court that you violated one or more of the conditions of
22	this SOC. And if that were to be true then you would each
23	be facing a maximum sentence of 90 days in jail and a \$1,000
24	fine on each of the two counts. Count one for no
25	trespassing. The second, count two, obstructing or delaying
I	

1 a train.

2 So in a hearing, a show cause hearing, what 3 happens is based on your agreement in this paperwork, to stipulate to the accuracy and admissibility to the facts in 4 5 the police reports. If there's a violation, the prosecutor would just read those reports into the record and I will 6 7 determine whether or not you committed a crime based on just 8 those reports. So by entering into this agreement, you are 9 giving up several important constitutional rights. You are giving up the right to a jury trial. You are giving up the 10 11 right to testify. You are giving up the right to hear and 12 question witnesses who may testify against you. And you will be giving up the right to present any evidence on your 13 own behalf and you are giving up the right to a speedy trial 14 because a speedy trial will be continued 30 days beyond the 15 16 expiration of this order. 17 All right. So, Ms. Romoff, are you prepared to 18 give up those rights and enter into this agreement with the 19 State of Washington? 20 MS. ROMOFF: Yes. 21 Okay. And as far as the \$150 THE COURT: 22 administrative fee, when would you be able to pay that? 23 MS. ROMOFF: Can I put it on a card? 24 THE COURT: You can now. We just switched over to accept cards. 25

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Washington v Taylor Hearing June 26, 2017 NDT Assgn # 24531-1 Page 85 1 MR. CHRISTIANSON: Downstairs at the window. 2 So within five days? THE COURT: 3 MS. ROMOFF: Today. 4 THE COURT: I don't know that you're going to make 5 it downstairs. And Ms. Heller, are you agreeing to the conditions 6 7 and giving up those important constitutional rights, and you 8 want me to sign this agreement? 9 MS. HELLER: Yes. 10 Okay. And when would you be able to THE COURT: 11 pay your \$150 fee? 12 MS. HELLER: Today by check or within the five days. 13 14 THE COURT: I'm sorry; within how many days? 15 MS. HELLER: Five. 16 MR. CHRISTIANSON: Within five. She has it with 17 her, Judge. 18 THE COURT: Five. 19 And Ms. Aeolus? I'm not quite saying --20 MS. AEOLUS: Aeolus. 21 THE COURT: Aeolus. 22 MS. AEOLUS: There you go. 23 THE COURT: Ms. Aeolus? 24 MS. AEOLUS: Yes. 25 THE COURT: All right. And are you prepared to (800)528-3335

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Washington v Taylor Hearing June 26, 2017 NDT Assgn # 24531-1 Page 86 1 give up those important constitutional rights and comply with these conditions, and you want me to sign this order? 2 3 MS. AEOLUS: Yes, Judge. 4 THE COURT: Okay. And when will you be able to 5 pay the \$150 fee? 6 MS. AEOLUS: Today. I have my checkbook with me. 7 MR. CHRISTIANSON: So within five days, Judge. 8 THE COURT: Within five days. 9 MR. CHRISTIANSON: They're probably closed 10 downstairs. 11 MS. AEOLUS: Okay. 12 THE COURT: Okay. So I am making a finding that you are all voluntarily and intelligently waiving your 13 14 rights, your constitutional rights as I've outlined to you, and that you want to knowingly and involuntarily and 15 intelligently enter into this contract. So I will sign the 16 17 contract for each one of you. And we will get you a copy. 18 And that will end your case but I have a feeling it's not 19 going to be the last time I probably see you all. 20 SPEAKER: You won't see me again, Judge. I'm 21 moving to Montana. 22 THE COURT: Oh, no. So you don't get to stay for all of this. 23 24 SPEAKER: Probably not. 25 THE COURT: Okay. (800)528-3335

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SPEAKER: I'll be a good girl. I promise.

THE COURT: Well, it's an interesting case, and the other two, are you going to be here for the other hearings?

1

5

21

24

25

SPEAKERS: Yes.

6 THE COURT: Okay. Okay. So here at the SOCs,
7 Jessica, ready to be copied. And I have all the continuance
8 orders as well. And I'll get those signed as quickly as
9 possible so everyone will be able to get on out of here.
10 MR. CHRISTIANSON: I assume the windows are open

11 till 5:00 downstairs, Judge?

12 SPEAKER: Yes.

MR. CHRISTIANSON: Yes. If you hurry you might – THE COURT: Hey, we're going to get your copy really fast.

Jessica, and will you let them know at the cashier window that there's three people coming down to pay their SOC fee? We're just making copies of their paperwork. Okay, we're going to work really fast and we've already told the cashiers you're coming.

SPEAKER: Thank you, Judge.

THE COURT: You're welcome. And I believe we can go off the record, Jessica.

(WHEREUPON, the hearing concluded.)

1	CERTIFICATE
2	
3	I, Valerie J. Morrison, do hereby certify
4	that the proceeding named herein was professionally
5	transcribed on the date set forth in the certificate
6	herein; that I transcribed all testimony adduced and other
7	oral proceedings had in the foregoing matter; and that the
8	foregoing transcript pages constitute a full, true, and
9	correct record of such testimony adduced and oral
10	proceeding had and of the whole thereof.
11	
12	IN WITNESS HEREOF, I have hereunto set my
13	hand this 25th day of August, 2017.
14	
15	
16	) An O have in -
17	Valuigmorrian
18	
19	Valerie J. Morrison
20	
21	
22	
23	
24	
25	

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