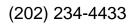
1 3 BEFORE THE ENVIRONMENTAL APPEALS BOARD On Behalf of Southwest Value Partners: U.S. ENVIRONMENTAL PROTECTION AGENCY RONNIE P. HAWKS, ESQ. WASHINGTON, D.C. JORGE FRANCO, JR., ESQ. of: Jennings, Haug & Cunningham, LLP + + + + + 2800 N. Central Avenue Suite 1800 ORAL ARGUMENT Phoenix, AZ 85004-1049 602-234-7800 jf@jhc.law IN RE: : UIC Appeal Nos. On Behalf of the Environmental FLORENCE COPPER, INC. : 17-01 : 17-03 Protection Agency Region 9: UIC Permit No. R9UIC-AZ3-FY11-1: ALEXA ENGELMAN, ESQ. Thursday, DUSTIN MINOR, ESQ. July 27, 2017 of: U.S. Environmental Protection Agency Region 9 (ORC-2) Administrative Courtroom Room 1152 75 Hawthorne Street EPA East Building San Francisco, CA 94105 1201 Constitution Avenue, NW 415-972-3884 Washington, DC engelman.alexa@epa.gov minor.dustin@epa.gov The above-entitled matter came on for hearing, pursuant to notice, at 1:00 p.m. ALSO PRESENT: BEFORE: Eurika Durr, Clerk of the Board THE HONORABLE AARON AVILA Environmental Appeals Judge THE HONORABLE MARY KAY LYNCH Environmental Appeals Judge THE HONORABLE MARY BETH WARD Environmental Appeals Judge 4 2 APPEARANCES: On Behalf of Florence Copper, Inc.: GEORGE A. TSIOLIS, ESQ. Attorney at Law 351 Lydecker Street Englewood, NJ 07631 201-408-4256 gtsiolis@nj.rr.com RITA MAGUIRE, ESQ. Executive VP & General Counsel of: Florence Copper, Inc. 1575 W. Hunt Highway Florence, AZ 85132 CONTENTS 602-277-2195 602-277-2199 fax rmcguire@mpwaterlaw.com Oral Argument On Behalf of the Town of Florence: UIC Appeal No. 17-01 BARBARA RODRIGUEZ-PASHKOWSKI, ESO. of: Gust Rosenfeld, PLC One E. Washington Suite 1600 Phoenix, AZ 85004 602-257-7494 bpashkowski@qustlaw.com UIC Appeal No. 17-03 On Behalf of John L. Anderson: JOHN L. ANDERSON, pro se 2631 N. Presidential Drive Florence, AZ 85132 520-233-6033 jla@johnlanderson.com 

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1	P-R-O-C-E-E-D-I-N-G-S	1	The Board issued another order
2	1:00 p.m.	2	revising the framework for oral argument today.
3	MS. DURR: The Environmental Appeals	3	So today's argument will proceed as outlined in
4	Board of the United States Environmental	4	yesterday's order.
5	Protection Agency is now in session for oral	5	Specifically we will first hear
6	argument In Re Florence Copper, Inc., permit	6	argument on Mr. Anderson's petition, and then
7	number R9UIC-AZ3-FY11-1, UIC appeal number 17-01	7	argument on the joint petition of the town of
8	and 17-03.	8	Florence and SWVP.
9	The Honorable Judge is Mary Beth Ward,	9	On behalf of the Board I would like to
10	Aaron Avila, and Mary Kay Lynch presiding.	10	express that we very much appreciate the time and
11	Please turn off all cell phones and no	11	effort each of you has expended in connection
12	recording devices allowed. Please be seated.	12	with briefing on these petitions and preparing
13	JUDGE AVILA: Good afternoon to those	13	for and participating in this oral argument.
14	of you here in Washington, D.C. and good morning	14	Oral argument is an important
15	to those participating by video conference in	15	opportunity for you to explain your contentions
16	Arizona.	16	and the important issues in this case to the
17	Before we proceed any further I'd like	17	Board.
18	to confirm that those participating by video	18	It is also an opportunity for the
19	conference in Arizona, are you able to see and	19	judges to explore with you the contours of your
20	hear what's taking place here in D.C.?	20	arguments and the issues in this case.
21	MR. ANDERSON: Yes, sir.	21	You should assume that we have read
22	JUDGE AVILA: All right, excellent.	22	the briefs and other submissions and therefore
	6		8
1	That's great.	1	are likely to ask questions that will assist us
2	I'd also like to note that EPA Region	2	are likely to ask questions that will assist us in our deliberations.
2 3	I'd also like to note that EPA Region 9 is observing the oral argument by video	2	are likely to ask questions that will assist us in our deliberations. You should not assume the judges have
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Neal R. Gross and Co., Inc. Washington DC

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1	MFGU refers to the middle fine grain unit. AOR	1	the clock so that you know when time is about to
2	reviews to the area of review for the permit	2	expire. But with that you can proceed.
3	issued to Florence Copper. PTF refers to the	3	MR. ANDERSON: Thank you. Thank you
4	Florence Copper production test facility.	4	for allowing me to be a part of this hearing
5	And with that before we begin argument	5	today.
6	on the first petition I'd like all parties to	6	I'd like to say that I'd like to
7	introduce themselves and anyone who is	7	begin by saying that water is the most precious
8	accompanying them to the panel.	8	resource in Arizona, not copper, not gold, but
9	So let's start first with the	9	water.
10	petitioners, then EPA Region 9, and finally the	10	Our state government recently set up
11	permittee Florence Copper. And we'll start with	11	a blue ribbon panel to address the future
12	Mr. Anderson.	12	availability of water in our desert state.
13	MR. ANDERSON: I'm John Anderson. I	13	Water is a matter of economic and
14	live at 2631 North Presidential Drive here in	14	individual survival for our state. Most states
15	Florence, Arizona.	15	don't have to be concerned about water, but here
16	JUDGE AVILA: Thank you.	16	in the Southwest we do. And I guess Region 9.
17	MR. ANDERSON: Was that an echo?	17	I have a unique role in this hearing
18	JUDGE AVILA: Thank you very much.	18	today. I'm here because I live in the Anthem
19	MR. FRANCO: Good afternoon, Your	19	subdivision here in Florence. My home is less
20	Honor. My name is Jorge Franco. I'm here with	20	than two miles from the Florence Copper property.
21	my partner Ronnie Hawks on behalf of Southwest	21	The water to my home is pumped from
22	Value Partners petitioner.	22	the same aquifer called out in the Florence
	10		12
1	MS. PASHKOWSKI: Good afternoon.	1	Copper applications.
1 2	MS. PASHKOWSKI: Good afternoon. Barbara Pashkowski on behalf of the Town of	1	
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2 3 4 5 6 7 8 9 10 11 12 13 14 15	<pre>Barbara Pashkowski on behalf of the Town of Florence. MR. MINOR: Good afternoon. Dustin Minor on behalf of the EPA Region 9. MS. ENGELMAN: Good afternoon. Alexa Engelman on behalf of EPA Region 9. MR. TSIOLIS: Good afternoon. George Tsiolis with Florence Copper. MS. MAGUIRE: Rita Maguire, co-counsel for Florence Copper. JUDGE AVILA: Excellent. Thank you very much. Okay, we'll proceed with argument in UIC appeal number 17-01. Mr. Anderson, you'll go</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15	<pre>Copper applications.</pre>
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	<pre>Barbara Pashkowski on behalf of the Town of Florence.</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	<pre>Copper applications.     I know that my environment will be     negatively impacted by an in situ mine. The     water wells that provide water to my home and     subdivision are approximately two miles from the     Florence Copper site, 1.86 miles from the     proposed production wells.         There are neighboring agriculture and     home wells adjacent to the Florence Copper     project. These wells are northwest of the     proposed test wells and are in the direction of     the aquifer flow.         JUDGE AVILA: On that point can I ask     jou one quick question:         MR. ANDERSON: Sure.         JUDGE AVILA: So is your argument that </pre>
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	13		15
1	but yes, my position is that the permit should	1	injection in this oxide bedrock zone they don't
2	have never been issued.	2	expect and they don't think it's likely for the
3	JUDGE AVILA: And you don't think	3	injected fluids to migrate into the lower basin
4	there's any other provisions that could have been	4	fill unit.
5	added to the permit that would have made it	5	Which I think that's the part of the
6	properly issued.	6	underground area that serves as the drinking
7	MR. ANDERSON: Well no, because the	7	water source for your wells. Is that right?
8	UIC code which I will get to very clearly says	8	MR. ANDERSON: Well, our wells are at
9	that an in situ well process cannot be in the	9	all three aquifers. We have a well in all three
10	same aquifer that provides drinking water.	10	of the aquifer levels.
11		11	Now, if I look back which I will get
11	JUDGE LYNCH: Mr. Anderson, can I ask		
	you a question? Is there any drilling that would	12	into here shortly, back in 1997 when BHP had
13	not be objectionable in your view in this	13	applied for the in situ process they were given
14	particular location?	14	an aquifer exemption.
15	MR. ANDERSON: There is no drilling	15	The EPA back in 1997 recognized that
16	that would not go into the aquifer.	16	this injection process was going to be in the
17	JUDGE LYNCH: So your position is	17	aquifer. And they allowed BHP to get a permit
18	there should not be any drilling at all in this	18	based on an aquifer exemption.
19	region.	19	Now Florence Copper hasn't applied for
20	MR. ANDERSON: That's correct.	20	an aquifer exemption but they're going into the
21	JUDGE LYNCH: Thank you.	21	same aquifer that BHP did.
22	MR. ANDERSON: May I continue?	22	So my contention is that they are in
	14		16
1	JUDGE LYNCH: Yes.	1	16 the same aquifer, they are going to contaminate
1 2		1	
	JUDGE LYNCH: Yes.		the same aquifer, they are going to contaminate
2	JUDGE LYNCH: Yes. MR. ANDERSON: Okay. The water	2	the same aquifer, they are going to contaminate the aquifer, and the aquifer is close enough that
2 3	JUDGE LYNCH: Yes. MR. ANDERSON: Okay. The water provides water to my home and my subdivision. To	2	the same aquifer, they are going to contaminate the aquifer, and the aquifer is close enough that it should not be approved.
2 3 4	JUDGE LYNCH: Yes. MR. ANDERSON: Okay. The water provides water to my home and my subdivision. To allow Florence Copper to pollute the aquifer is	2 3 4	the same aquifer, they are going to contaminate the aquifer, and the aquifer is close enough that it should not be approved. Because in 1997 there were no homes in
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	17		1
1	production.	1	has done reports on the in situ mines here in
2	JUDGE WARD: Mr. Anderson, if I could	2	Arizona.
3	follow up on that a little bit. I think again	3	They all have contaminated the
4	back to the record and the agency's analysis here	4	aquifers and there's no an in situ mine anywhere
5	for this permit, I read the agency as having	5	in the world that I could find where they have
6	concluded that given the operational parameters	6	returned the water the aquifer back to
7	in this permit and given the testing that will be	7	drinking water standards.
8	conducted they don't expect the injection fluids	8	JUDGE AVILA: Mr. Anderson, those fiv
9	to even escape the oxide bed zone which is at the	9	faults that you must mentioned, are they within
10	production test facility.	10	the area of review for this particular permit?
11	And that even under a worst case	11	MR. ANDERSON: Yes.
12	scenario, that is the loss of hydraulic control	12	JUDGE AVILA: They're within the area
13	for 30 days, the injectants won't migrate more	13	for review?
14	than 54 feet into this lower basin fill unit.	14	MR. ANDERSON: They're on the
15	In addition, at least as I'm reading	15	application. That's where I got the information.
16	the region's response to the permit they point	16	Would you like to have the names of them?
17	out that the permit requires or would require	17	JUDGE AVILA: And on the restoration
18	after closure of this test facility that the area	18	you attached a U.S. Geological Survey study or
19	be cleaned up to meet drinking water standards.	19	open file report to your petition.
20	And I think all of that leads them to	20	As I read that it only addresses
21	conclude that there really isn't a risk to the	21	and I just want to make sure I'm reading the
22	wells in your neighborhood or elsewhere from this	22	document right.
	18		2
1	18 permit.	1	Z It addresses uranium mining in Texas,
		1 2	
1	permit.		It addresses uranium mining in Texas,
1 2	permit. What in your view is wrong with that	2	It addresses uranium mining in Texas correct? MR. ANDERSON: Yes.
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21	23
been no exceedances in drinking water standards	1 MR. ANDERSON: No, as a matter of fact
following the activity of that site based on	2 I asked to get a copy of that and never got a
quarterly monitoring for the past 20 years.	<sup>3</sup> response.
So I think the region is arguing that	4 JUDGE AVILA: You asked for a copy of
that demonstrates the restoration is possible, or	5 what?
at least you can clean up to drinking water	6 MR. ANDERSON: Of the model. He said
standards. What's your response to that?	7 that they had modeled, as a matter of fact I
MR. ANDERSON: Well, those tests ran	8 mentioned that to Mrs. Rumwell at a later time
over a 90-day period and that was I think it	9 and I would like to thank her for her

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11 They currently have I think it was 12 1,817 wells on their site now and I just can't comprehend that testing on one site for 90 days 13 14 is a comprehensive test to prove the aquifer. 15 Now, at the January meeting we had back in 2015 with the EPA I asked the EPA 16 17 engineers from Region 9 about this. 18 They said that they had modeled the 19 aquifer and the aquifer was very slow-moving and

was limited to one well.

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20 it would take it 20 years before the aquifer

21 would reach the wells in my subdivision.

So they did admit and agreed that the 22

## 22 1 aquifer is moving. So I just can't see how we 2 can say that the regional tests were proper. 3 We've already challenged this and the town has challenged the position of the monitored wells 4 5 because they weren't downflow of the test wells. б So there's a lot of reasons that I 7 feel that this was not a valid test that was done back in 1999, whenever it was. 8 JUDGE AVILA: Mr. Anderson, you just 9 10 mentioned the 20-year time period. I know you mentioned that in your petition as well. You 11 said an EPA engineer had told you that it would 12 13 take 20 years for migration to occur to the wells 14 that you were concerned about. 15 Did that occur at the public hearing 16 that was held in 2015? 17 MR. ANDERSON: Yes. It was January of 18 2015, yes. JUDGE AVILA: And so I didn't see 19 20 anything along that line in the transcript. So 21 is there anywhere in the record that that 20-year

## active drinking water wells. And I'm assuming

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	24
1	those are the ones that are in your community.
2	In terms of the review by the Board we
3	have to examine what's before us and what's in
4	the written record to see if there's any clear
5	error.
6	And so I'd like to give you an
7	opportunity in looking at the analysis in the
8	record and the conclusion or the finding that it
9	would take 200 years is there anything that you
10	can point out to us that's wrong in that
11	analysis?
12	MR. ANDERSON: Well, I haven't seen
13	that analysis. That's the reason I asked for the
14	model, but I never got that back from the EPA.
15	JUDGE WARD: Mr. Anderson, if I could
16	just follow up on one more point about the
17	January 2015 hearing.
18	And we've heard your petition. I
19	think you'd made the point in your petition that
20	the agency didn't respond to concerns and
21	comments that you had made at the 2015 hearing.
22	And I've read your comments that you

statement is reflected?

22

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participation and her response. She's been very

getting from the EPA. I just don't agree with

that. What we see in the record before us is

in the response to comments that the modeling

shows it would take over 200 years to reach the

first in the statement of basis which was issued

And I do appreciate the response I'm

JUDGE WARD: If I could follow up on

And then again I think it's repeated

nice to me over the years.

the ruling that they issued.

with the draft permit.

	25		27
1	made at the hearing. If you could identify for	1	reading from goes on to say that the copper ore
2	us specifically what comments or concerns you	2	body is between 400 and 600 feet deep.
3	don't think were addressed.	3	And it goes on to say that the water
4	MR. ANDERSON: Well, I don't recall	4	table is 130 feet below the surface and the ore
5	exactly what my comments were at this time, but	5	body is within the saturated zone.
6	in general my concern has always been about the	6	So if there hasn't been any major
7	aquifer flow and was the aquifer flowing, and	7	geological changes since 1999 so I really
8	were they in drilling and injecting into the same	8	question the Florence Copper saying that they're
9	aquifer that supplies my home.	9	not in the saturated zone when in 1999 the EPA
10	Because I was told and I have looked	10	said that they were.
11	up on the EPA website and documents where it's	11	JUDGE AVILA: Mr. Anderson, I don't
12	fairly clear that they are not allowed to use the	12	mean to interrupt you but I just wanted to let
13	same aquifer that's used for drinking water.	13	you know you have five minutes left.
14	And so to me it's just rather clear	14	MR. ANDERSON: Okay. I just want to
15	that we shouldn't even be considering this	15	clarify that EPA's UIC code says that an aquifer
16	because they are using the same aquifer that	16	is an underground body of rock that contains and
17	supplies my drinking water.	17	transmits groundwater.
18	Now if it takes 20 years, if it takes	18	The UIC regulations allow the EPA to
19	50 years, if it takes 100 years the law that I	19	exempt aquifers that do not currently serve as a
20	read said current use or future use.	20	source of drinking water and will not serve as a
20	It's rather frustrating that we have	20	source of drinking water in the future.
22	to go over this, and that was one of my points at	22	Now, that being said that right there
	to go over this, and that was one of my points at		Now, chie being burg chief fight chief
	26		28
1	26 the hearing. And there was a lot of points that	1	28 is enough to disqualify this from being approved.
1 2		1	-
	the hearing. And there was a lot of points that		is enough to disqualify this from being approved.
2	the hearing. And there was a lot of points that we tried to make at the hearing about the whole	2	is enough to disqualify this from being approved. The SECO technical reports talks about
2 3	the hearing. And there was a lot of points that we tried to make at the hearing about the whole process that was going on.	2	is enough to disqualify this from being approved. The SECO technical reports talks about the faults, it shows the faults, the Ironwood
2 3 4	the hearing. And there was a lot of points that we tried to make at the hearing about the whole process that was going on. But if I can continue some other stuff	2 3 4	is enough to disqualify this from being approved. The SECO technical reports talks about the faults, it shows the faults, the Ironwood faults, the Sidewinder, the Rattlesnake fault,
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2 3 4 5 6	the hearing. And there was a lot of points that we tried to make at the hearing about the whole process that was going on. But if I can continue some other stuff that I found out since the hearing was there is an EPA document 402-R-99-02 that was issued	2 3 4 5 6	is enough to disqualify this from being approved. The SECO technical reports talks about the faults, it shows the faults, the Ironwood faults, the Sidewinder, the Rattlesnake fault, the Thrasher fault, the Gico fault, the Paddy Line fault.
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2 3 4 5 6 7 8 9 10 11 12 13 14 15	<pre>the hearing. And there was a lot of points that we tried to make at the hearing about the whole process that was going on.</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15	is enough to disgualify this from being approved. The SECO technical reports talks about the faults, it shows the faults, the Ironwood faults, the Sidewinder, the Rattlesnake fault, the Thrasher fault, the Gico fault, the Paddy Line fault. And as I said this is how water is shared between the aquifers. There's just different agencies like the U.S. Geological Survey has numerous studies about the adverse on the environment. As you found out most of their data is about uranium and coal mining, but the words may differ but the process is exactly the same. They're using acid to extract and contaminate.
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	<pre>the hearing. And there was a lot of points that we tried to make at the hearing about the whole process that was going on.</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	<ul> <li>is enough to disqualify this from being approved. The SECO technical reports talks about the faults, it shows the faults, the Ironwood faults, the Sidewinder, the Rattlesnake fault, the Thrasher fault, the Gico fault, the Paddy Line fault.</li> <li>And as I said this is how water is shared between the aquifers. There's just different agencies like the U.S. Geological Survey has numerous studies about the adverse on the environment.</li> <li>As you found out most of their data is about uranium and coal mining, but the words may differ but the process is exactly the same.</li> <li>They're using acid to extract and contaminate.</li> <li>The one last thing that I would like to say is that on this permit it talks about the leech heap operations being nearby.</li> <li>There are no leeching processes defined in the leech property where they're</li> </ul>

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	29		31
1	zoning on their property.	1	contested permit conditions in his application we
2	So they don't have the facility to do	2	interpreted his petition to address the no
3	the leeching on. They don't have the facility	3	migration between USDWs and adequate protection
4	for the storage. They don't have the facility to	4	of USDWs.
5	handle the waste.	5	And the permit is designed to do just
6	So they're not prepared to do this on	6	that. It is designed to ensure that the
7	the small piece of land that they have.	7	injection and recovery zone, that all injectate
8	Going back to some of the other	8	is maintained within that during the operational
9	documents that previously Conico abandoned this.	9	life of the PTF as well as the rinsing process.
10	BHP has abandoned it for various reasons.	10	At the conclusion of the proposal life
11	Your own model says the mine will	11	and the rinsing process there will be restoration
12	pollute. Now if it's 20 years or 100 years I	12	to MCLs or background, whichever is higher, and a
13	still just don't understand how the aquifer is	13	monitoring network outside of the injection and
14	moving that slow.	14	recovery zone in the unlikely event that there
15	I know that they are slower here in	15	may be an excursion.
16	- Arizona than they are in some other states	16	- JUDGE LYNCH: Counsel, am I reading
17	because of the desert environment.	17	the region's response correctly in that you take
18	But the water is moving. And I	18	the position that this proposed permit is more
19	haven't seen the study that shows that the 200	19	stringent than the BHP permit?
20	mile movement. I did ask for it but I didn't get	20	MR. MINOR: Yes. There are numerous
21	that.	21	additional monitoring parameters that have been
22	So I guess my bottom line is there has	22	added.
	30		32
1	30 not been an aquifer exemption applied for here by	1	32 JUDGE LYNCH: You make a statement to
1 2		1 2	
	not been an aquifer exemption applied for here by		JUDGE LYNCH: You make a statement to
2	not been an aquifer exemption applied for here by Florence Copper so I can't see how the EPA can	2	JUDGE LYNCH: You make a statement to that effect on page 10 of the statement of basis
2 3	not been an aquifer exemption applied for here by Florence Copper so I can't see how the EPA can transfer this when they made Florence Copper come	2	JUDGE LYNCH: You make a statement to that effect on page 10 of the statement of basis and page 10 and 12 of your response. Could you
2 3 4	not been an aquifer exemption applied for here by Florence Copper so I can't see how the EPA can transfer this when they made Florence Copper come back in and reapply.	2 3 4	JUDGE LYNCH: You make a statement to that effect on page 10 of the statement of basis and page 10 and 12 of your response. Could you be a little more specific?
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1	baseline study to show background electrical	1	your response you acknowledge that there are
2	conductivity and then measure electrical	2	problems, documented problems.
3	conductivity at the edge of the injection and	3	MR. MINOR: Yes, the uranium mining
4	recovery zone.	4	occurs in different ore bodies and so there's
5	So it's really a three-part process to	5	different characteristics hydrogeologically in
б	maintain hydraulic control extracting 110 percent	6	uranium and they also have different injectate.
7	more than is injected which would have been	7	But we do acknowledge that there has
8	similar to the BHP.	8	been some difficulty in restoring some uranium
9	JUDGE AVILA: And at the edge, the	9	mines to background for all constituents.
10	conductivity at the edge of the injection zone,	10	But we really believe that the best
11	if that the provision that was added to the final	11	indicator here is what occurred before, BHP
12	permit that wasn't in the draft?	12	Copper, and the additional protections in this
13	MR. MINOR: There was electrical	13	permit will allow that.
14	conductivity monitoring in the draft, but some of	14	JUDGE WARD: And I think another issue
15	the commenters pointed out that it's a little bit	15	Mr. Anderson raised concerned the statements in
16	difficult to ascertain whether that's showing an	16	the record both in the statement of basis and
17	excursion or not if you don't do a better	17	then in the response to comments that it would
18	statistical analysis on what the background is	18	take 200 years before the groundwater would reach
19	because what you're trying to show is an increase	19	the communities, the nearest drinking water well.
20	in the recovery zone from the outside area.	20	What were those calculations based on?
21	And so there will be additional	21	MR. MINOR: So, as part of our current
22	analysis that's done and parameters that are set	22	source analysis for the looking at whether the
	34		36
1	up as they go through the aquifer testing before	1	area impacted by the PTF continues to meet the
1 2	up as they go through the aquifer testing before they start to establish that baseline that was	1 2	area impacted by the PTF continues to meet the aquifer exemption criteria we looked at the
2	they start to establish that baseline that was	2	aquifer exemption criteria we looked at the
2 3	they start to establish that baseline that was added to be more protective.	2 3	aquifer exemption criteria we looked at the useful life of the existing wells and whether
2 3 4	they start to establish that baseline that was added to be more protective. JUDGE WARD: If I could follow up on	2 3 4	aquifer exemption criteria we looked at the useful life of the existing wells and whether they could potentially be impacted.
2 3 4 5	they start to establish that baseline that was added to be more protective. JUDGE WARD: If I could follow up on a different topic concerning the BHP pilot test	2 3 4 5	aquifer exemption criteria we looked at the useful life of the existing wells and whether they could potentially be impacted. And that's really based on no
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2 3 4 5 6 7	they start to establish that baseline that was added to be more protective. JUDGE WARD: If I could follow up on a different topic concerning the BHP pilot test and the results of restoration after that test. Mr. Anderson made the point that	2 3 4 5 6 7	aquifer exemption criteria we looked at the useful life of the existing wells and whether they could potentially be impacted. And that's really based on no containment. That's just if you at the end of the process when the aquifer is restored how long
2 3 4 5 6 7 8	they start to establish that baseline that was added to be more protective. JUDGE WARD: If I could follow up on a different topic concerning the BHP pilot test and the results of restoration after that test. Mr. Anderson made the point that really could you rely on that, it was just one	2 3 4 5 6 7 8	aquifer exemption criteria we looked at the useful life of the existing wells and whether they could potentially be impacted. And that's really based on no containment. That's just if you at the end of the process when the aquifer is restored how long would it take a molecule to get from the
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1	JUDGE WARD: If I could just follow up	1	Anderson, I did send him a copy of these two
2	on the reference to modeling. One model,	2	figures that we said we may use so if you want to
3	multiple models, and whose models were they?	3	pull this out. It is figure P1.
4	MR. MINOR: Well, Florence Copper did	4	JUDGE AVILA: Okay.
5	multiple different model runs and showed a number	5	MR. MINOR: And what you will see here
6	of different analysis including the faults that	6	on this circle if you can see that I'm pointing
7	Mr. Anderson was referring to. Those faults were	7	to that goes around the well field, those squares
8	taken into account in the modeling.	8	are the observation wells.
° 9	-	9	And so the observation wells are the
10	And we believe that the hydraulic		
	control will be effective notwithstanding those	10	wells that are used to maintain hydraulic control
11	faults.	11	and are measuring the electrical conductivity and
	But we also placed the location of the		the gradient for that purpose.
13	monitoring wells based on the Sidewinder fault in	13	And then the monitoring wells, the
14	particular. Even though the faults naturally go	14	groundwater flow is to the northwest here so it's
15	down we did put as though they would probably not	15	this direction are just outside there's
16	go towards the LBFU.	16	numerous monitoring wells and you can see they're
17	We put monitoring wells in such a	17	screened in different zones. Are you following
18	location that if they were to go through the	18	me on the map?
19	faults that would be detected and could be	19	There's one just outside in the LBF
20	addressed and restored.	20	and the UBF. It's hard to point right there.
21	JUDGE AVILA: On that could you just	21	And then another one in the oxide zone.
22	this is kind of a 50,000 foot level question.	22	The well up here at the top, M58, is
	38		40
1	Do you have the permit in front of you by chance?	1	the well that's designed to detect any excursion
1 2	Do you have the permit in front of you by chance? MR. MINOR: I have it right here, yes.	1	the well that's designed to detect any excursion that may occur from the Sidewinder fault if that
2	MR. MINOR: I have it right here, yes.	2	that may occur from the Sidewinder fault if that
2 3	MR. MINOR: I have it right here, yes. JUDGE AVILA: So on page 23 on the	2	that may occur from the Sidewinder fault if that were to occur.
2 3 4	MR. MINOR: I have it right here, yes. JUDGE AVILA: So on page 23 on the monitoring program it talks about seven	2 3 4	that may occur from the Sidewinder fault if that were to occur. And then we have some wells up
2 3 4	MR. MINOR: I have it right here, yes. JUDGE AVILA: So on page 23 on the monitoring program it talks about seven additional monitoring wells required by EPA and	2 3 4 5	that may occur from the Sidewinder fault if that were to occur. And then we have some wells up gradient. The monitoring well 59 in the oxide
2 3 4 5 6	MR. MINOR: I have it right here, yes. JUDGE AVILA: So on page 23 on the monitoring program it talks about seven additional monitoring wells required by EPA and the MWO1 operating monitoring well.	2 3 4 5 6	that may occur from the Sidewinder fault if that were to occur. And then we have some wells up gradient. The monitoring well 59 in the oxide zone and 61 in the LBF which help establish
2 3 4 5 6 7	MR. MINOR: I have it right here, yes. JUDGE AVILA: So on page 23 on the monitoring program it talks about seven additional monitoring wells required by EPA and the MWO1 operating monitoring well. And then it also talks about post POC	2 3 4 5 6 7	that may occur from the Sidewinder fault if that were to occur. And then we have some wells up gradient. The monitoring well 59 in the oxide zone and 61 in the LBF which help establish background and also show if there's anything
2 3 4 5 6 7 8	MR. MINOR: I have it right here, yes. JUDGE AVILA: So on page 23 on the monitoring program it talks about seven additional monitoring wells required by EPA and the MWO1 operating monitoring well. And then it also talks about post POC and water quality monitoring well locations	2 3 4 5 6 7 8	that may occur from the Sidewinder fault if that were to occur. And then we have some wells up gradient. The monitoring well 59 in the oxide zone and 61 in the LBF which help establish background and also show if there's anything moving in a direction that we don't understand.
2 3 4 5 6 7 8 9	MR. MINOR: I have it right here, yes. JUDGE AVILA: So on page 23 on the monitoring program it talks about seven additional monitoring wells required by EPA and the MWO1 operating monitoring well. And then it also talks about post POC and water quality monitoring well locations depicted.	2 3 4 5 6 7 8 9	that may occur from the Sidewinder fault if that were to occur. And then we have some wells up gradient. The monitoring well 59 in the oxide zone and 61 in the LBF which help establish background and also show if there's anything moving in a direction that we don't understand. So all of those wells are within the
2 3 4 5 6 7 8 9 10	MR. MINOR: I have it right here, yes. JUDGE AVILA: So on page 23 on the monitoring program it talks about seven additional monitoring wells required by EPA and the MW01 operating monitoring well. And then it also talks about post POC and water quality monitoring well locations depicted. Can you just tell me how many	2 3 4 5 6 7 8 9 10	that may occur from the Sidewinder fault if that were to occur. And then we have some wells up gradient. The monitoring well 59 in the oxide zone and 61 in the LBF which help establish background and also show if there's anything moving in a direction that we don't understand. So all of those wells are within the area of review.
2 3 4 5 6 7 8 9 10 11	MR. MINOR: I have it right here, yes. JUDGE AVILA: So on page 23 on the monitoring program it talks about seven additional monitoring wells required by EPA and the MWOl operating monitoring well. And then it also talks about post POC and water quality monitoring well locations depicted. Can you just tell me how many monitoring wells there are that are required by	2 3 4 5 6 7 8 9 10 11	<pre>that may occur from the Sidewinder fault if that were to occur.</pre>
2 3 4 5 6 7 8 9 10 11 12	<pre>MR. MINOR: I have it right here, yes. JUDGE AVILA: So on page 23 on the monitoring program it talks about seven additional monitoring wells required by EPA and the MWOl operating monitoring well. And then it also talks about post POC and water quality monitoring well locations depicted. Can you just tell me how many monitoring wells there are that are required by this permit and where they're located? Are they</pre>	2 3 4 5 6 7 8 9 10 11 12	<pre>that may occur from the Sidewinder fault if that were to occur.</pre>
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2 3 4 5 6 7 8 9 10 11 12 13 14	<pre>MR. MINOR: I have it right here, yes. JUDGE AVILA: So on page 23 on the monitoring program it talks about seven additional monitoring wells required by EPA and the MW01 operating monitoring well. And then it also talks about post POC and water quality monitoring well locations depicted. Can you just tell me how many monitoring wells there are that are required by this permit and where they're located? Are they within the area of review? Are they near the well field? Are they outside the area of review?</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14	<pre>that may occur from the Sidewinder fault if that were to occur.</pre>
2 3 4 5 6 7 8 9 10 11 12 13 14 15	<pre>MR. MINOR: I have it right here, yes. JUDGE AVILA: So on page 23 on the monitoring program it talks about seven additional monitoring wells required by EPA and the MW01 operating monitoring well. And then it also talks about post POC and water quality monitoring well locations depicted. Can you just tell me how many monitoring wells there are that are required by this permit and where they're located? Are they within the area of review? Are they near the well field? Are they outside the area of review? I'm just having a hard time putting</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15	<pre>that may occur from the Sidewinder fault if that were to occur.</pre>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	<pre>MR. MINOR: I have it right here, yes. JUDGE AVILA: So on page 23 on the monitoring program it talks about seven additional monitoring wells required by EPA and the MW01 operating monitoring well. And then it also talks about post POC and water quality monitoring well locations depicted. Can you just tell me how many monitoring wells there are that are required by this permit and where they're located? Are they within the area of review? Are they near the well field? Are they outside the area of review? I'm just having a hard time putting all the maps and things together.</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	<pre>that may occur from the Sidewinder fault if that were to occur.</pre>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	MR. MINOR: I have it right here, yes. JUDGE AVILA: So on page 23 on the monitoring program it talks about seven additional monitoring wells required by EPA and the MWO1 operating monitoring well. And then it also talks about post POC and water quality monitoring well locations depicted. Can you just tell me how many monitoring wells there are that are required by this permit and where they're located? Are they within the area of review? Are they near the well field? Are they outside the area of review? I'm just having a hard time putting all the maps and things together.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	<pre>that may occur from the Sidewinder fault if that were to occur.</pre>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	<pre>MR. MINOR: I have it right here, yes. JUDGE AVILA: So on page 23 on the monitoring program it talks about seven additional monitoring wells required by EPA and the MW01 operating monitoring well. And then it also talks about post POC and water quality monitoring well locations depicted. Can you just tell me how many monitoring wells there are that are required by this permit and where they're located? Are they within the area of review? Are they near the well field? Are they outside the area of review? I'm just having a hard time putting all the maps and things together. </pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	<pre>that may occur from the Sidewinder fault if that were to occur.</pre>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	<pre>MR. MINOR: I have it right here, yes. JUDGE AVILA: So on page 23 on the monitoring program it talks about seven additional monitoring wells required by EPA and the MW01 operating monitoring well. And then it also talks about post POC and water quality monitoring well locations depicted. Can you just tell me how many monitoring wells there are that are required by this permit and where they're located? Are they within the area of review? Are they near the well field? Are they outside the area of review? I'm just having a hard time putting all the maps and things together. MR. MINOR: Yes. Maybe if I show you - figure out how to turn this on.</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	<pre>that may occur from the Sidewinder fault if that were to occur.</pre>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	<text></text>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	<pre>that may occur from the Sidewinder fault if that were to occur.</pre>

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	41		43
1	little bit further than would be useful during	1	anything if it occurs.
2	the opinion of the PTF.	2	But if for some reason there wasn't
3	Maybe during the monitoring which we	3	the ability to maintain hydraulic control which
4	could extend beyond five years if necessary could	4	I'm not sure if that's your question then there
5	be useful.	5	could be some migration into the LBFU which
6	JUDGE AVILA: And so not to belabor	6	should be detected, and the permit would require
7	this, but the ones, the M54 LBF, that's required	7	restoration of that or restoring hydraulic
8	by the permit too? Or is that?	8	control to pull it back in, whatever was
9	MR. MINOR: Yes.	9	necessary.
10	JUDGE LYNCH: And the Arizona wells	10	So I'm not sure if that answers your
11	are water quality?	11	question.
12	MR. MINOR: Yes. All the wells	12	JUDGE WARD: I think we were just
13	outside of the injection recovery zone are	13	trying to in looking at the response to
14	measuring the water quality for the different	14	comments at 13 and then 19 there's a statement
15	constituents as opposed to just the hydraulic	15	that I guess in connection with the BHP site it
16	control on the observation wells.	16	was predicted that fluids could go into the LBFU
17	JUDGE WARD: If I could ask another	17	20 to 40 feet.
18	follow-up question on a related topic, but I'm	18	But then later you say in terms of
19	looking at the response to comments at 13 and	19	these operations that vertical excursions are
20	there is a statement there in terms of EPA is	20	expected to result in no significant migration of
21	disputing the vertical migration of the injected	21	injected solution.
22	fluids into the lowermost portion of the LBFU	22	We wanted to know is there anything
	42		44
1	42 during PTF operations is likely to occur.	1	44 when you say it's not going to be a significant
1 2		1	
	during PTF operations is likely to occur.		when you say it's not going to be a significant
2	during PTF operations is likely to occur. And then there's a further statement	2	when you say it's not going to be a significant migration is there a number that that is it
2 3	during PTF operations is likely to occur. And then there's a further statement that it's not expected to be significant under	2	when you say it's not going to be a significant migration is there a number that that is it like 1 foot, or 2 foot, or zero, or it's just not
2 3 4	during PTF operations is likely to occur. And then there's a further statement that it's not expected to be significant under normal operating conditions.	2 3 4	when you say it's not going to be a significant migration is there a number that that is it like 1 foot, or 2 foot, or zero, or it's just not expected at all under normal operating
2 3 4	during PTF operations is likely to occur. And then there's a further statement that it's not expected to be significant under normal operating conditions. And we don't have a cite here for the	2 3 4 5	when you say it's not going to be a significant migration is there a number that that is it like 1 foot, or 2 foot, or zero, or it's just not expected at all under normal operating parameters.
2 3 4 5 6	during PTF operations is likely to occur. And then there's a further statement that it's not expected to be significant under normal operating conditions. And we don't have a cite here for the source for those statements. What are those	2 3 4 5 6	when you say it's not going to be a significant migration is there a number that that is it like 1 foot, or 2 foot, or zero, or it's just not expected at all under normal operating parameters. MR. MINOR: It's not expected at all
2 3 4 5 6 7	during PTF operations is likely to occur. And then there's a further statement that it's not expected to be significant under normal operating conditions. And we don't have a cite here for the source for those statements. What are those statements based on?	2 3 4 5 6 7	when you say it's not going to be a significant migration is there a number that that is it like 1 foot, or 2 foot, or zero, or it's just not expected at all under normal operating parameters. MR. MINOR: It's not expected at all in the normal operating parameters, but it is an
2 3 4 5 6 7 8	during PTF operations is likely to occur. And then there's a further statement that it's not expected to be significant under normal operating conditions. And we don't have a cite here for the source for those statements. What are those statements based on? MR. MINOR: Well, I think that the	2 3 4 5 6 7 8	when you say it's not going to be a significant migration is there a number that that is it like 1 foot, or 2 foot, or zero, or it's just not expected at all under normal operating parameters. MR. MINOR: It's not expected at all in the normal operating parameters, but it is an active injection and recovery zone so it is
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2 3 4 5 6 7 8 9 10	during PTF operations is likely to occur. And then there's a further statement that it's not expected to be significant under normal operating conditions. And we don't have a cite here for the source for those statements. What are those statements based on? MR. MINOR: Well, I think that the statements are based on the modeling and the requirements in the permit to maintain hydraulic	2 3 4 5 6 7 8 9 10	when you say it's not going to be a significant migration is there a number that that is it like 1 foot, or 2 foot, or zero, or it's just not expected at all under normal operating parameters. MR. MINOR: It's not expected at all in the normal operating parameters, but it is an active injection and recovery zone so it is acknowledged that it could occur. That's what part of the monitoring is
2 3 4 5 6 7 8 9 10 11	during PTF operations is likely to occur. And then there's a further statement that it's not expected to be significant under normal operating conditions. And we don't have a cite here for the source for those statements. What are those statements based on? MR. MINOR: Well, I think that the statements are based on the modeling and the requirements in the permit to maintain hydraulic control.	2 3 4 5 6 7 8 9 10 11	when you say it's not going to be a significant migration is there a number that that is it like 1 foot, or 2 foot, or zero, or it's just not expected at all under normal operating parameters. MR. MINOR: It's not expected at all in the normal operating parameters, but it is an active injection and recovery zone so it is acknowledged that it could occur. That's what part of the monitoring is there, to observe and if it did occur would
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2 3 4 5 6 7 8 9 10 11 12 13	<pre>during PTF operations is likely to occur. And then there's a further statement that it's not expected to be significant under normal operating conditions. And we don't have a cite here for the source for those statements. What are those statements based on? MR. MINOR: Well, I think that the statements are based on the modeling and the requirements in the permit to maintain hydraulic control. Injection is only allowed 40 feet below the top of the oxide zone. And the</pre>	2 3 4 5 6 7 8 9 10 11 12 13	when you say it's not going to be a significant migration is there a number that that is it like 1 foot, or 2 foot, or zero, or it's just not expected at all under normal operating parameters. MR. MINOR: It's not expected at all in the normal operating parameters, but it is an active injection and recovery zone so it is acknowledged that it could occur. That's what part of the monitoring is there, to observe and if it did occur would require either less pumping or more pumping or less injection to make the gradient so that it
2 3 4 5 6 7 8 9 10 11 12 13 14	<pre>during PTF operations is likely to occur. And then there's a further statement that it's not expected to be significant under normal operating conditions. And we don't have a cite here for the source for those statements. What are those statements based on? MR. MINOR: Well, I think that the statements are based on the modeling and the requirements in the permit to maintain hydraulic control. Injection is only allowed 40 feet below the top of the oxide zone. And the injection recovery wells are designed to maintain an inward gradient. So there's not expected to be any migration into the LBFU. That would</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14	<pre>when you say it's not going to be a significant migration is there a number that that is it like 1 foot, or 2 foot, or zero, or it's just not expected at all under normal operating parameters. MR. MINOR: It's not expected at all in the normal operating parameters, but it is an active injection and recovery zone so it is acknowledged that it could occur. That's what part of the monitoring is there, to observe and if it did occur would require either less pumping or more pumping or less injection to make the gradient so that it doesn't continue and to pull it back.</pre>
2 3 4 5 6 7 8 9 10 11 12 13 14 15	during PTF operations is likely to occur. And then there's a further statement that it's not expected to be significant under normal operating conditions. And we don't have a cite here for the source for those statements. What are those statements based on? MR. MINOR: Well, I think that the statements are based on the modeling and the requirements in the permit to maintain hydraulic control. Injection is only allowed 40 feet below the top of the oxide zone. And the injection recovery wells are designed to maintain an inward gradient. So there's not expected to	2 3 4 5 6 7 8 9 10 11 12 13 14 15	<pre>when you say it's not going to be a significant migration is there a number that that is it like 1 foot, or 2 foot, or zero, or it's just not expected at all under normal operating parameters. MR. MINOR: It's not expected at all in the normal operating parameters, but it is an active injection and recovery zone so it is acknowledged that it could occur. That's what part of the monitoring is there, to observe and if it did occur would require either less pumping or more pumping or less injection to make the gradient so that it doesn't continue and to pull it back. And so there wasn't that level of</pre>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	<pre>during PTF operations is likely to occur. And then there's a further statement that it's not expected to be significant under normal operating conditions. And we don't have a cite here for the source for those statements. What are those statements based on? MR. MINOR: Well, I think that the statements are based on the modeling and the requirements in the permit to maintain hydraulic control. Injection is only allowed 40 feet below the top of the oxide zone. And the injection recovery wells are designed to maintain an inward gradient. So there's not expected to be any migration into the LBFU. That would</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	<pre>when you say it's not going to be a significant migration is there a number that that is it like 1 foot, or 2 foot, or zero, or it's just not expected at all under normal operating parameters. MR. MINOR: It's not expected at all in the normal operating parameters, but it is an active injection and recovery zone so it is acknowledged that it could occur. That's what part of the monitoring is there, to observe and if it did occur would require either less pumping or more pumping or less injection to make the gradient so that it doesn't continue and to pull it back. And so there wasn't that level of monitoring because that is part of an exempt aquifer in the '97 permit. So I'm not exactly sure what you're referring to in the '97 permit</pre>
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	<pre>during PTF operations is likely to occur.     And then there's a further statement     that it's not expected to be significant under     normal operating conditions.     And we don't have a cite here for the     source for those statements. What are those     statements based on?     MR. MINOR: Well, I think that the     statements are based on the modeling and the     requirements in the permit to maintain hydraulic     control.     Injection is only allowed 40 feet     below the top of the oxide zone. And the     injection recovery wells are designed to maintain     an inward gradient. So there's not expected to     be any migration into the LBFU. That would     indicate a loss of hydraulic control during the     operation.     Eut we did in response to the comments     and to have a more protective permit add those     monitoring wells at the interface between the </pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	<pre>when you say it's not going to be a significant migration is there a number that that is it like 1 foot, or 2 foot, or zero, or it's just not expected at all under normal operating parameters.</pre> <pre>MR. MINOR: It's not expected at all in the normal operating parameters, but it is an active injection and recovery zone so it is acknowledged that it could occur.</pre> That's what part of the monitoring is there, to observe and if it did occur would require either less pumping or more pumping or less injection to make the gradient so that it doesn't continue and to pull it back. Mn so there wasn't that level of monitoring because that is part of an exempt aquifer in the '97 permit. So I'm not exactly sure what you're referring to in the '97 permit that's different there. JUDGE WARD: I think it's just the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	<pre>during PTF operations is likely to occur. And then there's a further statement that it's not expected to be significant under normal operating conditions. And we don't have a cite here for the source for those statements. What are those statements based on? MR. MINOR: Well, I think that the statements are based on the modeling and the requirements in the permit to maintain hydraulic control. Injection is only allowed 40 feet below the top of the oxide zone. And the injection recovery wells are designed to maintain an inward gradient. So there's not expected to be any migration into the LBFU. That would indicate a loss of hydraulic control during the operation. But we did in response to the comments and to have a more protective permit add those</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	when you say it's not going to be a significant migration is there a number that that is it like 1 foot, or 2 foot, or zero, or it's just not expected at all under normal operating jurameters. MR. MINOR: It's not expected at all in the normal operating parameters, but it is an active injection and recovery zone so it is acknowledged that it could occur. That's what part of the monitoring is there, to observe and if it did occur would require either less pumping or more pumping or less injection to make the gradient so that it doesn't continue and to pull it back. Mn so there wasn't that level of monitoring because that is part of an exempt aquifer in the '97 permit. So I'm not exactly sure what you're referring to in the '97 permit that's just the

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	45		47
1	vertical migration of 20 to 40 feet under those	1	But if after it gets up and running
2	normal operations.	2	that isn't sufficient we have the authority to
3	And here it's not expected to be	3	require more extraction to basically true up the
4	significant. And do we have a number in terms of	4	model.
5	what does significant mean in that context.	5	JUDGE WARD: But the modelings in both
6	MR. MINOR: I mean, again I think	6	instances were ones that were developed or used
7	I'll just add to that, I see I'm almost out of	7	by Florence Copper.
8	time, but the idea is to have none. And to	8	MR. MINOR: Yes. Reviewed by us.
9	correct it if there is any.	9	JUDGE WARD: And included in their
10	But there is an acknowledgment once	10	permit application?
11	the production test facility finishes the	11	MR. MINOR: Yes.
12	injection recovery as well as the rinsing that	12	JUDGE WARD: Okay. I just wanted to
13	then you will no longer maintain hydraulic	13	confirm that.
14	control.	14	JUDGE AVILA: Do you happen to know,
15	And after you do that you should have	15	is the Arizona geological survey that was
16	restored that area to MCLs or background,	16	attached to Mr. Anderson's petition, was it
17	whichever is higher.	17	submitted with his comments? I think you argued
18	And so there will be some migration of	18	in your brief that it wasn't.
19	that material which is protective into the LBFU	19	MR. MINOR: No, it's actually dated
20	and I'd have to look and get back with you if you	20	August 2015 I believe which was after his
21	want, if that's what you're referring to on 13	21	comments.
22	and 19.	22	JUDGE WARD: Just, I'm reading the
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	46		
	40		48
1	JUDGE WARD: That's okay. I think you	1	48 response to comments and this is at 33 in terms
1 2		1 2	
	JUDGE WARD: That's okay. I think you		response to comments and this is at 33 in terms
2	JUDGE WARD: That's okay. I think you may have said earlier in those statements in 13	2	response to comments and this is at 33 in terms of the EHP and the groundwater monitoring as it
2 3	JUDGE WARD: That's okay. I think you may have said earlier in those statements in 13 and 19 as it relates to current operations are	2	response to comments and this is at 33 in terms of the EHP and the groundwater monitoring as it relates to restoration. And it talks about quarterly monitoring. So are they still monitoring? Is that
2 3 4	JUDGE WARD: That's okay. I think you may have said earlier in those statements in 13 and 19 as it relates to current operations are based on what. I think you said	2 3 4	response to comments and this is at 33 in terms of the EHP and the groundwater monitoring as it relates to restoration. And it talks about quarterly monitoring. So are they still monitoring? Is that
2 3 4 5	JUDGE WARD: That's okay. I think you may have said earlier in those statements in 13 and 19 as it relates to current operations are based on what. I think you said MR. MINOR: Modeling.	2 3 4 5	response to comments and this is at 33 in terms of the EHP and the groundwater monitoring as it relates to restoration. And it talks about quarterly monitoring. So are they still monitoring? Is that
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2 3 4 5 6 7 8 9	JUDGE WARD: That's okay. I think you may have said earlier in those statements in 13 and 19 as it relates to current operations are based on what. I think you said MR. MINOR: Modeling. JUDGE WARD: The same modeling you were referring to earlier in terms of the groundwater migration, or different modeling? MR. MINOR: No, those would be	2 3 4 5 6 7 8 9	response to comments and this is at 33 in terms of the EHP and the groundwater monitoring as it relates to restoration. And it talks about quarterly monitoring. So are they still monitoring? Is that quarterly monitoring for the past 20 years, or did that end at some point in time? MR. MINOR: I believe that is still occurring. I know I've seen references to very
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1	wells, and if so, how, and if not, why not?	1	that it was effective.
2	MR. MINOR: Yes, it does. So the	2	But over time the area that you have
3	permit requires that there be no migration that	3	the injection, the natural flow of groundwater
4	would impact USDWs. It's a requirement of the	4	will move. So over the decades it is possible
5	Safe Drinking Water Act.	5	that some residual that had been basically the
6	So the current source analysis is only	6	portion of the aguifer that had been in the
7	done for the purposes of doing an aquifer	7	injection zone could migrate outside of the
8	exemption. Once you have an aquifer exemption in	8	exempt portion of the aquifer.
9	place the permits require maintaining all of the	9	But the Safe Drinking Water Act and
10	contaminants at least above levels that could be	10	the permit requires that that not be above levels
10	a cause of concern for drinking water within the	11	of concern.
12	exempt portion of the aquifer.	12	JUDGE LYNCH: And when you say the
	so even if they were to put wells		exempt portion of the aquifer are you talking
13 14	* *	13	
	where Mr. Anderson has suggested down gradient of		about what you focused on for Florence Copper
15 16	the exempt portion of the aquifer the permit is	15	permit, or the extent of the exemption under the
	designed to ensure that those wells would not be		'97 exemption?
17 18	<pre>impacted in a way that would impact human health or the ability to utilize those.</pre>	17	MR. MINOR: Well, when I refer to the
			exempt portion of the aquifer I'm talking about
19	JUDGE LYNCH: How does it do that?	19	the 1997 permit.
20	MR. MINOR: It's the same protections	20	But all the substantive requirements
21	that we've been talking about, by requiring	21	of the permit really apply to the area of review
22	hydraulic control during the operation of the PTF	22	in terms of what is required to be done on the
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1	and then restoration afterwards. $50$	1	ground by Florence Copper.
1 2		1	
	and then restoration afterwards.		ground by Florence Copper.
2	and then restoration afterwards. So that anything that would migrate	2	ground by Florence Copper. The hydraulic control is limited to
2 3	and then restoration afterwards. So that anything that would migrate over time from the time that the operations	2	ground by Florence Copper. The hydraulic control is limited to the injection and recovery zone. And the
2 3 4	and then restoration afterwards. So that anything that would migrate over time from the time that the operations ceased till the time it would get outside of the	2 3 4	ground by Florence Copper. The hydraulic control is limited to the injection and recovery zone. And the restoration needs to occur in that same area.
2 3 4 5	and then restoration afterwards. So that anything that would migrate over time from the time that the operations ceased till the time it would get outside of the exempt portion of the aquifer. That it's already	2 3 4 5	ground by Florence Copper. The hydraulic control is limited to the injection and recovery zone. And the restoration needs to occur in that same area. And the monitoring wells within the
2 3 4 5 6	and then restoration afterwards. So that anything that would migrate over time from the time that the operations ceased till the time it would get outside of the exempt portion of the aquifer. That it's already restored to protective levels beforehand and then	2 3 4 5 6	ground by Florence Copper. The hydraulic control is limited to the injection and recovery zone. And the restoration needs to occur in that same area. And the monitoring wells within the area of review are designed to ensure that
2 3 4 5 6 7	and then restoration afterwards. So that anything that would migrate over time from the time that the operations ceased till the time it would get outside of the exempt portion of the aquifer. That it's already restored to protective levels beforehand and then over the 100 years that would be a little bit	2 3 4 5 6 7	ground by Florence Copper. The hydraulic control is limited to the injection and recovery zone. And the restoration needs to occur in that same area. And the monitoring wells within the area of review are designed to ensure that nothing migrates outside of the area of review
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	<pre>and then restoration afterwards.     So that anything that would migrate over time from the time that the operations ceased till the time it would get outside of the exempt portion of the aquifer. That it's already restored to protective levels beforehand and then over the 100 years that would be a little bit closer if the well was closer.     But the decades it might take to get there in addition to already being at a protective level you would anticipate attenuation as it continued to mix with the background constituents.     JUDGE AVILA: Is your point that the new well that Ward hypothesized is not a concern because this permit is going to keep everything within the area of review? Is that essentially what? </pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	<pre>ground by Florence Copper. The hydraulic control is limited to the injection and recovery zone. And the restoration needs to occur in that same area. And the monitoring wells within the area of review are designed to ensure that nothing migrates outside of the area of review above levels of concerns. And we have authority under the permit to require corrective action or contingencies if necessary. So even though it wouldn't be a violation of the Safe Drinking Water Act and an impact to a non-exempt aquifer if it migrated beyond the area of review it would be inconsistent with the requirements of the permit and we could evaluate that and require corrective action if necessary.</pre>
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	<pre>and then restoration afterwards.     So that anything that would migrate over time from the time that the operations ceased till the time it would get outside of the exempt portion of the aquifer. That it's already restored to protective levels beforehand and then over the 100 years that would be a little bit closer if the well was closer.     But the decades it might take to get there in addition to already being at a protective level you would anticipate attenuation as it continued to mix with the background constituents.     JUDGE AVILA: Is your point that the new well that Ward hypothesized is not a concern because this permit is going to keep everything within the area of review? Is that essentially what?     MR. MINOR: During the operational </pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	<pre>ground by Florence Copper. The hydraulic control is limited to the injection and recovery zone. And the restoration needs to occur in that same area. And the monitoring wells within the area of review are designed to ensure that nothing migrates outside of the area of review above levels of concerns. And we have authority under the permit to require corrective action or contingencies if necessary. So even though it wouldn't be a violation of the Safe Drinking Water Act and an impact to a non-exempt aquifer if it migrated beyond the area of review it would be inconsistent with the requirements of the permit and we could evaluate that and require corrective action if necessary. JUDGE AVILA: What permit provision</pre>

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	53		55
1	correctly.	1	a contaminant got outside the area of review.
2	MR. MINOR: If you go to page 36 of	2	MR. MINOR: Yes. And there is the
3	the permit I believe, I guess I should double-	3	sort of last line of defense for the monitoring
4	check that. So this is talking about the	4	wells in the northwest direction outside of the
5	monitoring for the action levels and the aquifer	5	area of review as well that we would not expect
6	quality limits.	6	to ever see something at but is there.
7	And both 36 and 37 at the end have the	7	JUDGE AVILA: Thank you very much.
8	same requirement here. It's number well, it's	8	MR. MINOR: Thank you.
9	really this whole section.	9	JUDGE AVILA: We'll hear from Florence
10	So if you look at this whole section	10	Copper now.
11	on page 36 they're collecting samples under small	11	MR. ANDERSON: This is John Anderson.
12	i (a)(i) and so if those samples show an	12	Can you hear me?
13	exceedance there's a whole process to make sure	13	JUDGE AVILA: Yes, but we're going to
14	that it's not a natural variation and that it	14	hear from Florence Copper right now.
15	really is representative of an issue that	15	MR. ANDERSON: Okay. I want to do a
16	warrants addressing.	16	- rebuttal then later on.
17	But if it is then they have to submit	17	JUDGE AVILA: Thank you. Given that
18	a report to us and say what they need to do to	18	we went over with Region 9 we'll give you a few
19	address it and mitigate it.	19	more minutes to have rebuttal once we hear from
20	So under 4(a) the report requires an	20	Florence Copper.
21	evaluation of the cause, impact, or mitigation	21	MR. ANDERSON: Okay, thank you.
22	for the exceedance.	22	JUDGE AVILA: No problem.
	54		56
1	54 And then on 5 it says upon review of	1	56 MR. TSIOLIS: Thank you, Your Honors,
1 2	-	1 2	
	And then on 5 it says upon review of		MR. TSIOLIS: Thank you, Your Honors,
2	And then on 5 it says upon review of the report we can require additional monitoring	2	MR. TSIOLIS: Thank you, Your Honors, for the opportunity to speak on behalf of
2 3	And then on 5 it says upon review of the report we can require additional monitoring or action beyond those specified in the permit.	2	MR. TSIOLIS: Thank you, Your Honors, for the opportunity to speak on behalf of Florence Copper. My name is Jorge Tsiolis. I'm
2 3 4	And then on 5 it says upon review of the report we can require additional monitoring or action beyond those specified in the permit. What that really means is requiring	2 3 4	MR. TSIOLIS: Thank you, Your Honors, for the opportunity to speak on behalf of Florence Copper. My name is Jorge Tsiolis. I'm a sole practitioner and I don't know if that
2 3 4 5	And then on 5 it says upon review of the report we can require additional monitoring or action beyond those specified in the permit. What that really means is requiring additional corrective action to address those	2 3 4 5	MR. TSIOLIS: Thank you, Your Honors, for the opportunity to speak on behalf of Florence Copper. My name is Jorge Tsiolis. I'm a sole practitioner and I don't know if that entitles me to feel this way but I feel like a
2 3 4 5 6	And then on 5 it says upon review of the report we can require additional monitoring or action beyond those specified in the permit. What that really means is requiring additional corrective action to address those contaminants.	2 3 4 5 6	MR. TSIOLIS: Thank you, Your Honors, for the opportunity to speak on behalf of Florence Copper. My name is Jorge Tsiolis. I'm a sole practitioner and I don't know if that entitles me to feel this way but I feel like a kindred spirit when it comes to pro se
2 3 4 5 6 7	And then on 5 it says upon review of the report we can require additional monitoring or action beyond those specified in the permit. What that really means is requiring additional corrective action to address those contaminants. The idea is to catch these before it	2 3 4 5 6 7	MR. TSIOLIS: Thank you, Your Honors, for the opportunity to speak on behalf of Florence Copper. My name is Jorge Tsiolis. I'm a sole practitioner and I don't know if that entitles me to feel this way but I feel like a kindred spirit when it comes to pro se appellants. I have great respect for the right
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	And then on 5 it says upon review of the report we can require additional monitoring or action beyond those specified in the permit. What that really means is requiring additional corrective action to address those contaminants. The idea is to catch these before it gets beyond the area of review. So this would be on the monitoring wells that I showed on the map. So if those are showing exceedances above the levels that you would expect after restoration, that would be the MCLs or background, then we can require action to address it. JUDGE AVILA: So even though this doesn't say, and this ties back to our earlier conversation, but even though this doesn't say anything about the area of review because I take it because it's tied to the monitoring wells	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	MR. TSIOLIS: Thank you, Your Honors, for the opportunity to speak on behalf of Florence Copper. My name is Jorge Tsiolis. I'm a sole practitioner and I don't know if that entitles me to feel this way but I feel like a kindred spirit when it comes to pro se appellants. I have great respect for the right of pro se appeals. I consider it to be an exercise of a fundamental First Amendment right of free expression. But I'm also a strong proponent of procedural due process rights. And that includes especially the procedural due process rights of any clients. MR the way that the Board's appeal rules harmonize those competing interests in 123.19(a)(4)(I)(i) and (ii) is basically to require the petition to satisfy certain threshold pleading requirements that are designed to elicit
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	And then on 5 it says upon review of the report we can require additional monitoring or action beyond those specified in the permit. What that really means is requiring additional corrective action to address those contaminants. The idea is to catch these before it gets beyond the area of review. So this would be on the monitoring wells that I showed on the map. So if those are showing exceedances above the levels that you would expect after restoration, that would be the MCLs or background, then we can require action to address it. JUDGE AVILA: So even though this doesn't say, and this ties back to our earlier conversation, but even though this doesn't say anything about the area of review because I take it because it's tied to the monitoring wells which as you showed me on figure Pl those are	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	MR. TSIOLIS: Thank you, Your Honors, for the opportunity to speak on behalf of Florence Copper. My name is Jorge Tsiolis. I'm a sole practitioner and I don't know if that entitles me to feel this way but I feel like a kindred spirit when it comes to pro se appellants. I have great respect for the right of pro se appeals. I consider it to be an exercise of a fundamental First Amendment right of free expression. But I'm also a strong proponent of procedural due process rights. And that includes especially the procedural due process rights of any clients. Mnd the way that the Board's appeal rules harmonize those competing interests in 123.19(a)(4)(I)(i) and (ii) is basically to require the petition to satisfy certain threshold pleading requirements that are designed to elicit a response.

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-	57	59
1	with reasonable particularity so that they can	1 that shows that that issue was raised by Mr.
2	reasonably elicit a substantive response from the	2 Anderson below.
3	region, from the permit issuer.	3 Any technical questions that are
4	And in making arguments in the	4 raised now by Mr. Anderson during his
5	petition is supposed to again make comments	5 presentation frankly I'm not prepared to answer
6	regarding the permit with reasonable	6 them because they are a surprise.
7	particularity to a degree sufficient to elicit a	7 Fundamentally
8	substantive response not just from the permit	8 JUDGE WARD: But is that really true
9	issuer but from the permittee.	9 at least as it relates to the USGS survey and the
10	-	10 experience at uranium mines. I take your
	And those requirements have completely	
11	not been satisfied. In fact, all of the issues	11 argument to be that Mr. Anderson didn't cite
12	that have been discussed up until now with one	12 either his comments or where that was addressed
13	exception, the 20-year migration issue, was not	13 by the region in the response to comments.
14	raised in the petition for review.	14 But I think at page 33 of the response
15	The only thing that I see in the	15 to comments that issue does seem to be to have
16	petition for review and I have it before me, and	16 been joined.
17	this was something that we were scratching our	17 So someone raised it I presume. And
18	heads how to respond to it was very general	18 Mr. Anderson could answer whether it was him. I
19	statements along the lines of the loss of leech	19 guess I'm going into this assuming it was
20	solution can result in groundwater contamination.	20 probably his comment.
21	Okay. It's generally very difficult	21 But regardless, focusing on the
22	to observe what is really happening below the	22 comment itself it does appear to have been an
	58	60
1	earth's surface. Again, okay. Et cetera. Those	1 issue that was raised below.
2	kinds of statements.	2 MR. TSIOLIS: To the extent that it is
3		
	Nowhere does the petition challenge	3 deemed to be raised below it does not appear to
4	Nowhere does the petition challenge identify a permit condition that it's	<ul><li>3 deemed to be raised below it does not appear to</li><li>4 be something that addresses a specific condition</li></ul>
4 5		
	identify a permit condition that it's	4 be something that addresses a specific condition
5	identify a permit condition that it's challenging.	4 be something that addresses a specific condition 5 in the permit.
5	identify a permit condition that it's challenging. And that's a basic requirement of a	<ul> <li>4 be something that addresses a specific condition</li> <li>5 in the permit.</li> <li>6 We don't know how to tie any</li> </ul>
5 6 7	identify a permit condition that it's challenging. And that's a basic requirement of a petition for review. Nowhere does the petition	<ul> <li>4 be something that addresses a specific condition</li> <li>5 in the permit.</li> <li>6 We don't know how to tie any</li> <li>7 discussion of an Arizona geological survey</li> </ul>
5 6 7 8	identify a permit condition that it's challenging. And that's a basic requirement of a petition for review. Nowhere does the petition demonstrate that any of the issues that it raised	<ul> <li>4 be something that addresses a specific condition</li> <li>5 in the permit.</li> <li>6 We don't know how to tie any</li> <li>7 discussion of an Arizona geological survey</li> <li>8 report. I'm at a loss how to tie that to an</li> </ul>
5 6 7 8 9	identify a permit condition that it's challenging. And that's a basic requirement of a petition for review. Nowhere does the petition demonstrate that any of the issues that it raised in the petition were raised below.	4 be something that addresses a specific condition 5 in the permit. 6 We don't know how to tie any 7 discussion of an Arizona geological survey 8 report. I'm at a loss how to tie that to an 9 issue that's being challenged with a condition
5 6 7 8 9 10 11	<pre>identify a permit condition that it's challenging.</pre>	4 be something that addresses a specific condition 5 in the permit. 6 We don't know how to tie any 7 discussion of an Arizona geological survey 8 report. I'm at a loss how to tie that to an 9 issue that's being challenged with a condition 10 that's being challenged, permit condition that's 11 being challenged by the petition.
5 6 7 8 9 10 11 12	<pre>identify a permit condition that it's challenging.</pre>	4 be something that addresses a specific condition 5 in the permit. 6 We don't know how to tie any 7 discussion of an Arizona geological survey 8 report. I'm at a loss how to tie that to an 9 issue that's being challenged with a condition 10 that's being challenged, permit condition that's 11 being challenged by the petition. 12 JUDGE WARD: So I don't have the
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5 6 7 8 9 10 11 12 13 14 15 16 17	<pre>identify a permit condition that it's challenging.</pre>	4 be something that addresses a specific condition 5 in the permit. 6 We don't know how to tie any 7 discussion of an Arizona geological survey 8 report. I'm at a loss how to tie that to an 9 issue that's being challenged with a condition 10 that's being challenged, permit condition that's 11 being challenged by the petition. 12 JUDGE WARD: So I don't have the 13 regulatory language right in front of me, but I 14 think it's both a condition of the permit, but 15 there's a phrase I think in the regulation that 16 talks that really addresses more generally. 17 So if there were an issue, if there
5 6 7 8 9 10 11 12 13 14 15 16 17 18	<pre>identify a permit condition that it's challenging.</pre>	4 be something that addresses a specific condition 5 in the permit. 6 We don't know how to tie any 7 discussion of an Arizona geological survey 8 report. I'm at a loss how to tie that to an 9 issue that's being challenged with a condition 10 that's being challenged, permit condition that's 11 being challenged by the petition. 12 JUDGE WARD: So I don't have the 13 regulatory language right in front of me, but I 14 think it's both a condition of the permit, but 15 there's a phrase I think in the regulation that 16 talks that really addresses more generally. 17 So if there were an issue, if there 18 were a situation where the agency had failed to
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	<pre>identify a permit condition that it's challenging.</pre>	4 be something that addresses a specific condition 5 in the permit. 6 We don't know how to tie any 7 discussion of an Arizona geological survey 8 report. I'm at a loss how to tie that to an 9 issue that's being challenged with a condition 10 that's being challenged, permit condition that's 11 being challenged by the petition. 12 JUDGE WARD: So I don't have the 13 regulatory language right in front of me, but I 14 think it's both a condition of the permit, but 15 there's a phrase I think in the regulation that 16 talks that really addresses more generally. 17 So if there were an issue, if there 18 were a situation where the agency had failed to 19 take public comment and that was the argument
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	identify a permit condition that it's challenging. And that's a basic requirement of a petition for review. Nowhere does the petition demonstrate that any of the issues that it raised in the petition were raised below. There's no tie-in as is required in (ii) of (a)(4), .19 between the petition and the comments that were raised below. To the extent that the Board is minded to consider that issues of the aquifer exemption which were discussed earlier in the discussion with Mr. Anderson and issues related to zoning were properly raised in the petition which they were not, they weren't raised in the comments below. The 20-year migration issue as Your	4 be something that addresses a specific condition 5 in the permit. 6 We don't know how to tie any 7 discussion of an Arizona geological survey 8 report. I'm at a loss how to tie that to an 9 issue that's being challenged with a condition 10 that's being challenged, permit condition that's 11 being challenged by the petition. 12 JUDGE WARD: So I don't have the 13 regulatory language right in front of me, but I 14 think it's both a condition of the permit, but 15 there's a phrase I think in the regulation that 16 talks that really addresses more generally. 17 So if there were an issue, if there 18 were a situation where the agency had failed to 19 take public comment and that was the argument 20 that basically it was a fatal flaw to the whole
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1	to a specific permit condition, but that would be	1	to go through that exercise.
2	a permissible argument under our regulations.	2	And my guess has always been that the
3	MR. TSIOLIS: Yes.	3	agency staff felt that they had to find a way to
4	JUDGE WARD: So if there were an	4	hold the permit in its entirety in abeyance
5	argument to be had that the concern being raised	5	essentially while the petition was being
6	here is one going to the region's analysis that's	6	considered.
7	supporting fundamentally the issuance of the	7	But all they needed really to do is
8	permit wouldn't that fit in the same category?	8	realize that this permit concerns new wells and
9	MR. TSIOLIS: Absolutely it would,	9	new appurtenances, and under (a)(1) that entitles
10	Your Honor. In that respect we defer to the	10	the agency to say that there's an automatic stay
11	region's expertise. We are content with the	11	of the entire permit.
12	region's analysis.	12	It says that the permittee will be
13	We think moreover that the region did	13	deemed to essentially be without a permit while
14	a very good job in adding additional conditions	14	the petition for review is being heard.
15	to the permit that are designed to prevent the	15	Had they just relied on the automatic
16	migration of injectate and formation fluids that	16	stay provision of the rule they would not have
17	are displaced by the injectate beyond the	17	had to have gone through the exercise of
18	boundaries of the aquifer exemption.	18	discerning of inferring a challenge to a
19	And we support the region's findings	19	permit.
20	in that regard.	20	It's interesting to note that in the
21	JUDGE LYNCH: Well, isn't it also true	21	first page of that stay notice they say that the
22	that the region identified two permit conditions	22	petition for review now this is applicable to
	62		64
1	in its January stay notice?	1	the town of Florence, but they say that the
2	in its January stay notice? MR. TSIOLIS: Yes, Your Honor. But	1 2	the town of Florence, but they say that the petition for review, also for John Anderson, for
2 3	in its January stay notice? MR. TSIOLIS: Yes, Your Honor. But you know, we disagree with that stay notice.		the town of Florence, but they say that the petition for review, also for John Anderson, for all three petitions, don't clearly identify
2 3 4	in its January stay notice? MR. TSIOLIS: Yes, Your Honor. But you know, we disagree with that stay notice. JUDGE LYNCH: Yes, I notice that.	2 3 4	the town of Florence, but they say that the petition for review, also for John Anderson, for all three petitions, don't clearly identify challenges to a permit decision.
2 3 4 5	in its January stay notice? MR. TSIOLIS: Yes, Your Honor. But you know, we disagree with that stay notice. JUDGE LYNCH: Yes, I notice that. MR. TSIOLIS: And the reason we	2 3 4 5	the town of Florence, but they say that the petition for review, also for John Anderson, for all three petitions, don't clearly identify challenges to a permit decision. Well, guess what. That's actually a
2 3 4 5 6	<pre>in its January stay notice? MR. TSIOLIS: Yes, Your Honor. But you know, we disagree with that stay notice. JUDGE LYNCH: Yes, I notice that. MR. TSIOLIS: And the reason we disagree with that stay notice is because first</pre>	2 3 4 5 6	the town of Florence, but they say that the petition for review, also for John Anderson, for all three petitions, don't clearly identify challenges to a permit decision. Well, guess what. That's actually a requirement of 124.19(a)(1). It has to clearly
2 3 4 5 6 7	<pre>in its January stay notice? MR. TSIOLIS: Yes, Your Honor. But you know, we disagree with that stay notice. JUDGE LYNCH: Yes, I notice that. MR. TSIOLIS: And the reason we disagree with that stay notice is because first of all I don't know to what and I can't speak</pre>	2 3 4 5 6 7	the town of Florence, but they say that the petition for review, also for John Anderson, for all three petitions, don't clearly identify challenges to a permit decision. Well, guess what. That's actually a requirement of 124.19(a)(1). It has to clearly identify a contested permit condition in order to
2 3 4 5 6 7 8	<pre>in its January stay notice? MR. TSIOLIS: Yes, Your Honor. But you know, we disagree with that stay notice. JUDGE LYNCH: Yes, I notice that. MR. TSIOLIS: And the reason we disagree with that stay notice is because first of all I don't know to what and I can't speak for regional counsel, I don't know to what extent</pre>	2 3 4 5 6 7 8	the town of Florence, but they say that the petition for review, also for John Anderson, for all three petitions, don't clearly identify challenges to a permit decision. Well, guess what. That's actually a requirement of 124.19(a)(1). It has to clearly identify a contested permit condition in order to cognizable before the Board.
2 3 4 5 6 7 8 9	<pre>in its January stay notice?</pre>	2 3 4 5 6 7 8 9	the town of Florence, but they say that the petition for review, also for John Anderson, for all three petitions, don't clearly identify challenges to a permit decision. Well, guess what. That's actually a requirement of 124.19(a)(1). It has to clearly identify a contested permit condition in order to cognizable before the Board. JUDGE AVILA: I have 124.19(4) before
2 3 4 5 6 7 8 9 10	<pre>in its January stay notice?</pre>	2 3 4 5 6 7 8 9 10	the town of Florence, but they say that the petition for review, also for John Anderson, for all three petitions, don't clearly identify challenges to a permit decision. Well, guess what. That's actually a requirement of 124.19(a)(1). It has to clearly identify a contested permit condition in order to cognizable before the Board. JUDGE AVILA: I have 124.19(4) before me. It says petitioner for review must identify
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2 3 4 5 6 7 8 9 10 11 12	<pre>in its January stay notice?</pre>	2 3 4 5 6 7 8 9 10 11 12	the town of Florence, but they say that the petition for review, also for John Anderson, for all three petitions, don't clearly identify challenges to a permit decision. Well, guess what. That's actually a requirement of 124.19(a)(1). It has to clearly identify a contested permit condition in order to cognizable before the Board. JUDGE AVILA: I have 124.19(4) before me. It says petitioner for review must identify the contested permit condition or other specific challenge to the permit decision. And I think
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2 3 4 5 6 7 8 9 10 11 12 13 14 15	<pre>in its January stay notice?</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15	<pre>the town of Florence, but they say that the petition for review, also for John Anderson, for all three petitions, don't clearly identify challenges to a permit decision.</pre>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	<pre>in its January stay notice?</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	<pre>the town of Florence, but they say that the petition for review, also for John Anderson, for all three petitions, don't clearly identify challenges to a permit decision.</pre>
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1 its	1	incorporate by reference all of the responses
nditions are	2	that Region 9 made.
don't migrate	3	We also think the Board to your credit
mption.	4	has gone way beyond what In Re: Seneca Resources
that we disagree	5	Corp requires when it comes to pro se
think that	6	petitioners.
n challenge to	7	We're happy that you've done that and
le another	8	we're prepared to either answer any legal
decision.	9	questions that arise from the petition, but on
y notice was not	10	technical issues we need to defer to Region 9's
st held that it	11	findings.
ne entire permit	12	JUDGE LYNCH: Well, and I'd like to
for review being	13	answer your question about whether I have any
	14	questions about the exempted zone.
whether it was	15	Why did Florence Copper propose a
ons that the	16	smaller exemption zone?
oy Mr. Anderson's	17	MR. TSIOLIS: I have no idea, Your
nd then the no	18	Honor. What I do know is Region 9 said no, you
	19	don't need to do that. You should rely on the
been talking about	20	existing exemption. And Florence Copper said
address it.	21	fine.

And we've certainly b 21 that a lot today and the briefs address it.

technical analysis of Region 9 in

determination that the permit con

sufficient to ensure that fluids

beyond the boundaries of the exem

with the stay notice. We don't t

certainly Mr. Anderson's petition

any permit conditions or even mad

specific challenge to the permit

necessarily. They could have jus

was an automatic stay and held th

in abeyance during the petition f

necessary or not the two conditio

region inferred were implicated b

petition was the exempted zone an

heard by this Board.

migration.

All we're saying is t

And moreover the stay

JUDGE LYNCH: Well, w

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MR. TSIOLIS: We're prepared to talk 22

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1 about that Your Honor, certainly. I mean, is 1 because? 2 MR. TSIOLIS: Because I wasn't privy 2 there any guestion about the exemption that I can to the discussion and I haven't bothered to find 3 answer. 3 4 Is there any question about the 4 out why that was the case. 5 exemption that I can answer even though it wasn't 5 What I'm here to do is to lend support 6 in Mr. Anderson's petition. The word "exemption" б to the decision to -- by Region 9 not to reopen 7 isn't even in there. But I'd be happy to answer 7 the question of a 20-year old exemption in the any questions relating to Mr. Anderson's petition 8 8 context of this current proceeding. And I can 9 regarding the exemption. 9 speak to that. 10 JUDGE WARD: If I could follow up on 10 JUDGE AVILA: Thank you very much. 11 that. I think we've given the region an 11 MR. TSIOLIS: Thank you. opportunity to respond to some of the points that JUDGE AVILA: We'll give Mr. Anderson 12 12 13 Mr. Anderson did make in his argument. 13 five minutes of rebuttal time since we went over. 14 And I think specifically with respect 14 MR. ANDERSON: Okay, ready? Thank 15 to the 200-year migration analysis as well as the 15 you. point about will it stay within the area of 16 16 First, on the EPA did they conduct any 17 review, in fact even within the bedrock, the 17 modeling to confirm the Florence Copper modeling? oxide bedrock zone which Mr. Anderson appears to 18 And did the EPA consider any experience that 18 19 disagree with. 19 Florence Copper did similar to injection process 20 Do you have anything to respond in 20 in other hydraulic conditions. 21 terms of what Mr. Anderson had to say? 21 If not, how does Region 9 have any 22 22 assurances that the Florence Copper model works MR. TSIOLIS: Oh no, no. Again we

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JUDGE LYNCH: And you have no idea why

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1	and is the controlled hydraulic pressure or	1	expand on those a little bit.
2	implement the control measures required by Region	2	A revocation of the 1997 aquifer
3	9.	3	exemption should have been done and as required
4	Second, has the EPA ever granted a	4	here. The permit submitted by Florence Copper
5	permit, an exception for this type of process,	5	should have been was remanded.
6	and has the EPA ever done this by transfer of a	6	The EPA asked Florence Copper to
7	permit.	7	resubmit an application. Initially Florence
8	And the last thing, the EPA talks	8	Copper submitted a permit for transfer and that
9	about pumping out 110 percent. They're going to	9	was denied by EPA.
10	take 10 percent out more than was put in and	10	Someone, one of the Board members
11	that's part of their control. I understand that.	11	asked a question about why didn't Florence Copper
12	But my question is where does the	12	submit a smaller aquifer exemption permit
13	other 10 percent come from if this water is not	13	request.
14	migrating.	14	In their original application for the
15	By common logic it says they're going	15	permit transfer that's exactly what they did.
16	to pump the thing dry in a very short time if we	16	They requested an aquifer exemption just for the
17	don't have migration.	17	production test facility.
18	That water is coming from somewhere.	18	EPA then obviously revoked the
19	It's moving around. That's the reason I don't	19	original 1997 permit and asked Florence Copper to
20	believe their 200-year model or their 100-year	20	resubmit its application.
21	model.	21	And in that process the aquifer
22	By their own process they're taking	22	exemption was allowed to stand for the entire
	70		72
1	70 out more water than they're putting in. That	1	72 greater area beyond protection test facility.
1 2		1 2	
	out more water than they're putting in. That		greater area beyond protection test facility.
2	out more water than they're putting in. That water has to be migrating from somewhere. Thank	2	greater area beyond protection test facility. JUDGE LYNCH: Counsel, what's your
2 3	out more water than they're putting in. That water has to be migrating from somewhere. Thank you.	2 3	greater area beyond protection test facility. JUDGE LYNCH: Counsel, what's your response to the fact that on the face of the
2 3 4	out more water than they're putting in. That water has to be migrating from somewhere. Thank you. JUDGE AVILA: Thank you very much, Mr.	2 3 4	greater area beyond protection test facility. JUDGE LYNCH: Counsel, what's your response to the fact that on the face of the aquifer exemption it says it has no expiration
2 3 4 5	out more water than they're putting in. That water has to be migrating from somewhere. Thank you. JUDGE AVILA: Thank you very much, Mr. Anderson. Okay. UIC appeal number 17-01 is	2 3 4 5	greater area beyond protection test facility. JUDGE LYNCH: Counsel, what's your response to the fact that on the face of the aquifer exemption it says it has no expiration date.
2 3 4 5 6	out more water than they're putting in. That water has to be migrating from somewhere. Thank you. JUDGE AVILA: Thank you very much, Mr. Anderson. Okay. UIC appeal number 17-01 is submitted and we'll proceed to argument on UIC	2 3 4 5 6	greater area beyond protection test facility. JUDGE LYNCH: Counsel, what's your response to the fact that on the face of the aquifer exemption it says it has no expiration date. MS. PASHKOWSKI: We understand that
2 3 4 5 6 7	out more water than they're putting in. That water has to be migrating from somewhere. Thank you. JUDGE AVILA: Thank you very much, Mr. Anderson. Okay. UIC appeal number 17-01 is submitted and we'll proceed to argument on UIC appeal number 17-03.	2 3 4 5 6 7	greater area beyond protection test facility. JUDGE LYNCH: Counsel, what's your response to the fact that on the face of the aquifer exemption it says it has no expiration date. MS. PASHKOWSKI: We understand that argument. We don't agree with that argument.
2 3 4 5 6 7 8	out more water than they're putting in. That water has to be migrating from somewhere. Thank you. JUDGE AVILA: Thank you very much, Mr. Anderson. Okay. UIC appeal number 17-01 is submitted and we'll proceed to argument on UIC appeal number 17-03. How will the town of Florence and SWVP	2 3 4 5 6 7 8	<pre>greater area beyond protection test facility.</pre>
2 3 4 5 6 7 8 9	out more water than they're putting in. That water has to be migrating from somewhere. Thank you. JUDGE AVILA: Thank you very much, Mr. Anderson. Okay. UIC appeal number 17-01 is submitted and we'll proceed to argument on UIC appeal number 17-03. How will the town of Florence and SWVP be splitting their time?	2 3 4 5 6 7 8 9	<pre>greater area beyond protection test facility.</pre>
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	73		75
1	EPA when it revoked and remanded or	1	cases. They've done it in cases
2	requested a reissuance of the permit pointed out	2	JUDGE LYNCH: Who's done what?
3	significant changes of circumstances.	3	MS. PASHKOWSKI: EPA has reconsidered
4	JUDGE LYNCH: Did you petition the	4	exemptions in the past.
5	agency to revisit or revoke the aquifer	5	JUDGE LYNCH: Are you aware of the
6	exemption?	6	Board ever reconsidering an aquifer exemption?
7	MS. PASHKOWSKI: That's what we're	7	MS. PASHKOWSKI: No.
8	doing here. Are you talking about in 1997?	8	JUDGE LYNCH: Are you aware of the
9	JUDGE LYNCH: Are you saying that this	9	Board's delegated authority?
10	permitting proceeding is the same as an aquifer	10	MS. PASHKOWSKI: Yes.
11	exemption proceeding?	11	JUDGE LYNCH: To review permits.
12	MS. PASHKOWSKI: If you look at the	12	MS. PASHKOWSKI: Yes.
13	permit page 5 or 7 there is a provision in there	13	JUDGE LYNCH: And issuance of permits.
14	identifying the aquifer exemption.	14	MS. PASHKOWSKI: Yes.
15	JUDGE LYNCH: The aquifer exemption	15	JUDGE LYNCH: So your position is that
16	that's legally valid.	16	the Board has jurisdiction and authority to order
17	MS. PASHKOWSKI: The one that existed	17	the revocation of an aquifer exemption. That's
18	since 1997.	18	your legal position.
19	JUDGE LYNCH: Right. So do you	19	MS. PASHKOWSKI: My position is you
20	disagree that there are separate procedures for	20	have the authority to remand this permit that
21	processing aquifer exemptions?	21	includes an aquifer exemption provision.
22	MS. PASHKOWSKI: If you're asking me	22	JUDGE LYNCH: So your request for
	74		76
1	74 if I think this is not the correct venue for this	1	76 relief asks us to remand with an order to revoke
1 2		1	
	if I think this is not the correct venue for this		relief asks us to remand with an order to revoke
2	if I think this is not the correct venue for this aquifer exemption my answer is no, I think this	2	relief asks us to remand with an order to revoke the aquifer exemption.
2 3	if I think this is not the correct venue for this aquifer exemption my answer is no, I think this is the correct venue.	2	relief asks us to remand with an order to revoke the aquifer exemption. MS. PASHKOWSKI: Greater exemption,
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2 3 4 5 6	if I think this is not the correct venue for this aquifer exemption my answer is no, I think this is the correct venue. We have no other venue. We have no other venue. If we're not allowed to contest a permit condition, and that aquifer exemption is a	2 3 4 5 6	relief asks us to remand with an order to revoke the aquifer exemption. MS. PASHKOWSKI: Greater exemption, yes. JUDGE LYNCH: Are you asking us to order any change in any other terms of the
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	77		79
1	MS. PASHKOWSKI: Yes. What we're	1	JUDGE AVILA: And in the same vein if
2	asking the Board to do so the permit includes	2	we were to grant you the relief you requested and
3	the aquifer exemption as a permit term. We've	3	ordered the region to revisit the aquifer
4	appealed the permit. We've asked this Board to	4	exemption and they did, and whatever result they
5	revoke and remand so that EPA can revisit the	5	came up with, if you were dissatisfied with that
6	exemption.	6	result where would you go? You wouldn't come to
7	And we're not asking for no exemption.	7	us. You'd go to a federal court of appeals,
8	We're saying the exemption should be consistent	8	right?
9	with the production test facility which is what	9	MS. PASHKOWSKI: Yes.
10	FCI asked for originally.	10	JUDGE AVILA: I just want to make sure
11	And in fact, EPA in 2010 when it	11	I heard you correctly. I thought you said you
12	ordered FCI to reapply for the permit asked them	12	thought the exemption should consist of the PTF.
13	to define the aquifer exemption boundary, or to	13	MS. PASHKOWSKI: That's correct.
14	confirm that it should remain large.	14	JUDGE AVILA: Including now as I
15	Why would they do that if EPA did not	15	understand it the PTF includes part of the LBFU.
16	feel it had the discretion to reduce the	16	MS. PASHKOWSKI: Well, we don't agree
17	exemption? It has that discretion. And we	17	if you read, and I know you have read our
18	believe the Board has the authority.	18	appeal, we don't agree with that provision either
19	JUDGE WARD: So, in reading the record	19	so just so I'm clear. Yes, thank you.
20	and tell me if I'm reading it correctly, this	20	JUDGE AVILA: That's why I'm trying to
21	property or the larger property in question which	21	be clear about exactly what you're arguing.
22	is within the boundaries of the aquifer, the	22	MS. PASHKOWSKI: Smaller area and not
	78		80
1	78 current, the '97 aguifer exemption, that was	1	80 include the exemption should not include the
1 2		1 2	
	current, the '97 aquifer exemption, that was		include the exemption should not include the
2	current, the '97 aquifer exemption, that was annexed to the town back in 2003?	2	include the exemption should not include the lower basin fill unit. That is the town's
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2 3 4	current, the '97 aquifer exemption, that was annexed to the town back in 2003? MS. PASHKOWSKI: That's correct. JUDGE WARD: And since, between 2003	2 3 4	include the exemption should not include the lower basin fill unit. That is the town's drinking water source. And as I'm sure you know Arizona is a
2 3 4 5	current, the '97 aquifer exemption, that was annexed to the town back in 2003? MS. PASHKOWSKI: That's correct. JUDGE WARD: And since, between 2003 and today you haven't separately pursued with EPA	2 3 4 5	<pre>include the exemption should not include the lower basin fill unit. That is the town's drinking water source. And as I'm sure you know Arizona is a desert. We have desert conditions. We've been</pre>
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2 3 4 5 6 7 8 9 10 11 12 13 14	<pre>current, the '97 aquifer exemption, that was annexed to the town back in 2003?</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14	<pre>include the exemption should not include the lower basin fill unit. That is the town's drinking water source. And as I'm sure you know Arizona is a desert. We have desert conditions. We've been in a drought for over 20 years. We're still in a drought. And water as Mr. Anderson said is more precious than mineral. And the town has expanded tremendously. There have been significant changes in circumstances and EPA recognized that when they ordered that the permittee reapply for the application because there has been significant development.</pre>
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	<pre>current, the '97 aquifer exemption, that was annexed to the town back in 2003?</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	<pre>include the exemption should not include the lower basin fill unit. That is the town's drinking water source. And as I'm sure you know Arizona is a desert. We have desert conditions. We've been in a drought for over 20 years. We're still in a drought. And water as Mr. Anderson said is more precious than mineral. And the town has expanded tremendously. There have been significant changes in circumstances and EPA recognized that when they ordered that the permittee reapply for the application because there has been significant development. The area of land owned back in 1997 was I think like 10 miles surrounding the mine</pre>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	<pre>current, the '97 aquifer exemption, that was annexed to the town back in 2003?</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	<pre>include the exemption should not include the lower basin fill unit. That is the town's drinking water source. And as I'm sure you know Arizona is a desert. We have desert conditions. We've been in a drought for over 20 years. We're still in a drought. And water as Mr. Anderson said is more precious than mineral. And the town has expanded tremendously. There have been significant changes in circumstances and EPA recognized that when they ordered that the permittee reapply for the application because there has been significant development. The area of land owned back in 1997 was I think like 10 miles surrounding the mine area. It's now reduced significantly.</pre>
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1	the authority in light of the fact that this is	1	response to that, Your Honor.
2	the the exemption is part of the permit, is a	2	I agree that the aquifer exemption by
3	condition of the permit, to revoke and remand	3	its terms doesn't have expiration.
4	this back to EPA to design an exemption that's	4	Whether it's legally valid though I
5	more consistent with production test facility.	5	believe that's a question to be addressed at the
6	JUDGE WARD: I hear your argument	6	time that that exemption becomes relevant.
7	about the aquifer exemption and its inclusion of	7	And it doesn't become relevant until
8	the LBFU.	8	there's a project.
9	Is there any other factual finding in	9	JUDGE LYNCH: Doesn't the Safe
10	the record that you're challenging here? $\mbox{I'm}$ not	10	Drinking Water Act say that if you object to an
11	seeing any, but I just wanted to make sure that's	11	aquifer exemption you have to file in a court of
12	correct.	12	appeals within 45 days?
13	MS. PASHKOWSKI: Those two issues.	13	MR. FRANCO: Your Honor, I read that.
14	The area extent and the fact that the exemption	14	Frankly it's not clearer to me, being perfectly
15	that allows injection into the lower basin fill	15	candid with you, whether that's the proper venue
16	unit which is the town's drinking water source.	16	for this decision or whether it's this Board.
17	JUDGE WARD: But no other permit	17	And my understanding and we looked to
18	terms.	18	find some prior instance where this sort of thing
19	MS. PASHKOWSKI: That's correct. I	19	happened and I couldn't find any so I'm not aware
20	don't want to take up Mr. Franco's time.	20	of any precedent I could cite you that says no,
21	JUDGE AVILA: Thank you very much.	21	this is where it belongs.
22	We'll give Mr. Franco the 15 minutes.	22	JUDGE LYNCH: There is federal court
	82		84
1	82 MS. PASHKOWSKI: Thank you.	1	84 precedent. Are you aware of any Board decision
1 _2	-	1 2	
	MS. PASHKOWSKI: Thank you.		precedent. Are you aware of any Board decision
2	MS. PASHKOWSKI: Thank you. MR. FRANCO: Good afternoon, Your	2	precedent. Are you aware of any Board decision adjudicating an aquifer exemption?
2 3	MS. PASHKOWSKI: Thank you. MR. FRANCO: Good afternoon, Your Honor. As I said earlier my name is George	2	precedent. Are you aware of any Board decision adjudicating an aquifer exemption? MR. FRANCO: In that regard, yes. But
2 3 4	MS. PASHKOWSKI: Thank you. MR. FRANCO: Good afternoon, Your Honor. As I said earlier my name is George Franco. I'm here with Ronnie Hawks on behalf of	2 3 4	precedent. Are you aware of any Board decision adjudicating an aquifer exemption? MR. FRANCO: In that regard, yes. But in regards to the expansive nature of this
2 3 4 5	MS. PASHKOWSKI: Thank you. MR. FRANCO: Good afternoon, Your Honor. As I said earlier my name is George Franco. I'm here with Ronnie Hawks on behalf of Southwest Value Partners.	2 3 4 5	precedent. Are you aware of any Board decision adjudicating an aquifer exemption? MR. FRANCO: In that regard, yes. But in regards to the expansive nature of this aquifer in comparison to the project that it's
2 3 4 5 6	MS. PASHKOWSKI: Thank you. MR. FRANCO: Good afternoon, Your Honor. As I said earlier my name is George Franco. I'm here with Ronnie Hawks on behalf of Southwest Value Partners. And as you know what we are attempting	2 3 4 5 6	precedent. Are you aware of any Board decision adjudicating an aquifer exemption? MR. FRANCO: In that regard, yes. But in regards to the expansive nature of this aquifer in comparison to the project that it's now being used for there wasn't anything like
2 3 4 5 6 7	MS. PASHKOWSKI: Thank you. MR. FRANCO: Good afternoon, Your Honor. As I said earlier my name is George Franco. I'm here with Ronnie Hawks on behalf of Southwest Value Partners. And as you know what we are attempting by way of our petition is to have this Board	2 3 4 5 6 7	precedent. Are you aware of any Board decision adjudicating an aquifer exemption? MR. FRANCO: In that regard, yes. But in regards to the expansive nature of this aquifer in comparison to the project that it's now being used for there wasn't anything like that that I saw.
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2 3 4 5 6 7 8 9	MS. PASHKOWSKI: Thank you. MR. FRANCO: Good afternoon, Your Honor. As I said earlier my name is George Franco. I'm here with Ronnie Hawks on behalf of Southwest Value Partners. And as you know what we are attempting by way of our petition is to have this Board review the aquifer exemption to the extent that it overreaches and creates an extensive area of	2 3 4 5 6 7 8 9	precedent. Are you aware of any Board decision adjudicating an aquifer exemption? MR. FRANCO: In that regard, yes. But in regards to the expansive nature of this aquifer in comparison to the project that it's now being used for there wasn't anything like that that I saw. Now if it's there I apologize but I'm not prepared to cite that law for you or discuss
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2 3 4 5 6 7 8 9 10 11 12 13 14 15	<ul> <li>MS. PASHKOWSKI: Thank you.</li> <li>MR. FRANCO: Good afternoon, Your</li> <li>Honor. As I said earlier my name is George</li> <li>Franco. I'm here with Ronnie Hawks on behalf of Southwest Value Partners.</li> <li>And as you know what we are attempting</li> <li>by way of our petition is to have this Board</li> <li>review the aquifer exemption to the extent that</li> <li>it overreaches and creates an extensive area of</li> <li>aquifer in Florence, in the town of Florence,</li> <li>that the net result is it sits unregulated under</li> <li>the Safe Water Drinking Act.</li> <li>JUDGE AVILA: Even if this permit</li> <li>hadn't been issued wouldn't that be true?</li> <li>MR. FRANCO: I'm sorry, one more time?</li> </ul>	2 3 4 5 6 7 8 9 10 11 12 13 14 15	<pre>precedent. Are you aware of any Board decision adjudicating an aquifer exemption?</pre>
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MR. FRANCO: I agree with a qualified 22 exemption and that's when the agency -- so it

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	85		87
1	seems like there is precedent.	1	JUDGE AVILA: The signator to the
2	- MR. FRANCO: That may have been there,	2	comments would have been one of the officers of
3	Your Honor, but the result of that case if I'm	3	the
4	understanding the reference you're making to our	4	MR. FRANCO: I believe so, yes.
5	petition, it's my understanding that the reasons	5	JUDGE WARD: If I could follow up on
6	for the ruling in that case were however	6	another point that had been made by the town's
7	consistent with what we're trying to do here.	7	counsel.
8	And there's no authority that $\texttt{I'}\mathfrak{m}$	8	I'm reading the petition at page 35
9	aware of that says this Board doesn't have the	9	and I think your argument is that as a matter of
10	authority to address this issue as a permit	10	policy and reason the region should have
11	condition.	11	revisited the aquifer exemption here.
12	JUDGE AVILA: I do think there's Board	12	I think the town stated there's no
13	precedent that says when there's an avenue of	13	legal requirement that EPA have done so. Do you
14	judicial review available we don't usually	14	agree with that?
15	that's not you have to go through that	15	MR. FRANCO: That there's no legal
16	process, not that takes it out of for lack of	16	say that again, Your Honor?
17	a better term the Board's bailiwick, that	17	JUDGE WARD: That there's no
18	something that has a particular avenue for review	18	requirement that they do so, but that they should
19	you don't bring before the Board. Or that the	19	do so as a matter of policy in this case.
20	Board doesn't have jurisdiction to hear.	20	MR. FRANCO: If we're talking about a
21	MR. FRANCO: I don't disagree with	21	specific rule or statute that says when asked
22	that, Judge. And if this Board decides that they	22	they have to do it I agree with that, there
	86		88
1	don't have authority to make this decision then	1	88 isn't.
1	don't have authority to make this decision then	1	isn't. But under the context of whether
			isn't.
2	don't have authority to make this decision then we're going to have to address that on behalf of	2	isn't. But under the context of whether
2 3	don't have authority to make this decision then we're going to have to address that on behalf of our client afterwards.	2 3	isn't. But under the context of whether they're making clearly erroneous decisions or
2 3 4	don't have authority to make this decision then we're going to have to address that on behalf of our client afterwards. But go ahead.	2 3 4	isn't. But under the context of whether they're making clearly erroneous decisions or using their discretion in the grant of these
2 3 4 5	<pre>don't have authority to make this decision then we're going to have to address that on behalf of our client afterwards. But go ahead. JUDGE AVILA: This is probably neither</pre>	2 3 4 5	isn't. But under the context of whether they're making clearly erroneous decisions or using their discretion in the grant of these exemptions I think that's what then brings this
2 3 4 5 6	<pre>don't have authority to make this decision then we're going to have to address that on behalf of our client afterwards. But go ahead. JUDGE AVILA: This is probably neither here nor there because the town as I understand</pre>	2 3 4 5 6	<pre>isn't. But under the context of whether they're making clearly erroneous decisions or using their discretion in the grant of these exemptions I think that's what then brings this within purview.</pre>
2 3 4 5 6 7	<pre>don't have authority to make this decision then we're going to have to address that on behalf of our client afterwards.     But go ahead.     JUDGE AVILA: This is probably neither here nor there because the town as I understand it participated below in the appellant comment</pre>	2 3 4 5 6 7	<pre>isn't.     But under the context of whether they're making clearly erroneous decisions or using their discretion in the grant of these exemptions I think that's what then brings this within purview.     And frankly that's why we're here to</pre>
2 3 4 5 6 7 8	<pre>don't have authority to make this decision then we're going to have to address that on behalf of our client afterwards. But go ahead. JUDGE AVILA: This is probably neither here nor there because the town as I understand it participated below in the appellant comment process and joined the petition here.</pre>	2 3 4 5 6 7 8	<pre>isn't.     But under the context of whether they're making clearly erroneous decisions or using their discretion in the grant of these exemptions I think that's what then brings this within purview.     And frankly that's why we're here to talk to you about the decision.</pre>
2 3 4 5 6 7 8 9	<pre>don't have authority to make this decision then we're going to have to address that on behalf of our client afterwards.     But go ahead.     JUDGE AVILA: This is probably neither here nor there because the town as I understand it participated below in the appellant comment process and joined the petition here.     But I noticed that the comments</pre>	2 3 4 5 6 7 8 9	<pre>isn't.     But under the context of whether they're making clearly erroneous decisions or using their discretion in the grant of these exemptions I think that's what then brings this within purview.     And frankly that's why we're here to talk to you about the decision.     JUDGE WARD: So to follow up I think</pre>
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(202) 234-4433

	89		91
1	aquifer exemption context. And I just want to	or will not in the	future serve as a source of
2	make sure that there wasn't something that you	drinking water.	
3	wanted to point us to that's out there that we	JUDGE L	YNCH: We're here on a
4	should be considering.	permitting decision	and the criteria in the
5	MR. FRANCO: Your Honor, the only	regulations for iss	uing permits, modifying
б	authority that I can point you to that ${\tt I}^{\prime}{\tt m}$ aware	permits, they're di	fferent from the criteria for
7	of is in reference to the criteria in	exempting aquifers.	
8	reference to the permit under the CFRs.	MR. FRA	NCO: Yes, Your Honor. There's
9	Specifically 146.4 I believe and 146.9.	no other way that w	e could think of to challenge
10	In fact, I need to correct myself.	the aquifer exempti	on that is at issue with that
11	146.4 specifically says criteria for exempted	permit.	
12	aquifers.	JUDGE L	YNCH: Well, what about the
13	So that would be one of the places	procedure that you	cited in your petition
14	where you could get guidance for the priorities	involving Region 6	where the parties filed a
15	that go into deciding the appropriate scope of an	petition with the 5	th Circuit challenging the
16	aquifer exemption as well as 146.9.	aquifer exemption.	
17	And I would like to address Your Honor		e that in your own brief.
18	if I may		NCO: I understand, Your Honor,
19	JUDGE LYNCH: Can I interrupt you		g that question I'm going to
20	there for a moment.	have to just admit	
21	The criteria for exempting aquifers at		me into this representation in
22	146.4 and the factors to be considered in	substitution of a f	ormer partner so there's a lot
	90		92
1	90 revoking, reissuing, and modifying a permit and	of history to the b	92 riefing, to this case that I
1 2		-	
	revoking, reissuing, and modifying a permit and	frankly, I hate to	riefing, to this case that I
2	revoking, reissuing, and modifying a permit and setting permit terms for in this instance class	frankly, I hate to	riefing, to this case that I deflect but unless Mr. Hawks
2 3	revoking, reissuing, and modifying a permit and setting permit terms for in this instance class re-permits, they're very different.	frankly, I hate to can answer it for u with the file. So	riefing, to this case that I deflect but unless Mr. Hawks s I don't have that history
2 3 4	revoking, reissuing, and modifying a permit and setting permit terms for in this instance class re-permits, they're very different. Do you acknowledge that? What's the	frankly, I hate to can answer it for u with the file. So But I w	riefing, to this case that I deflect but unless Mr. Hawks s I don't have that history you have my apologies on that.
2 3 4 5	revoking, reissuing, and modifying a permit and setting permit terms for in this instance class re-permits, they're very different. Do you acknowledge that? What's the comparison you're making?	frankly, I hate to can answer it for u with the file. So But I w questions that has	riefing, to this case that I deflect but unless Mr. Hawks s I don't have that history you have my apologies on that. ould like to address one of the
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	93		95
1	conditions that led to the revocation and	1	conditions and instructing FCI in their new
2	reissuance process.	2	application because they weren't going to get a
3	And they specifically cited the	3	transfer that that needs to be addressed.
4	residential development that was going on in the	4	What then happens? FCI then writes
5	town of Florence. Now remember this is 2010 that	5	back and they say to R9 in response, and this is
6	this letter's going out.	6	at attachment 9.
7	They specifically cited to the	7	They wrote back proposing to quote
8	residential development. They actually say	8	"facilitate" this review. And in order to
9	identify several new drinking water wells.	9	facilitate the review what they did was they said
10	We're seeing in the response that this	10	well, we're just going to take this in two phases
11	isn't a source of drinking water today and won't	11	then.
12	likely be one tomorrow.	12	Phase one is going to be the PTF part
13	Well, back in 2010 R9 was	13	of the project, the production test facility that
14	acknowledging it as one of the several new	14	has a shorter duration and you need to get
15 16	drinking water wells that were showing up in the town of Florence.	15	results to see what the larger commercial project is going to be.
17	JUDGE LYNCH: And in 2010 this was an	17	
18	exempted aquifer, correct?		Phase two will be that larger
		18	commercial scale project.
19 20	MR. FRANCO: Yes. It has been all	20	So this is the dialogue that's going
	along.		back and forth.
21	That letter also cites the inactivity	21	FCI then revises their application.
22	since 1997, again being written in 2010, and it	22	And when they revise their application they
	94		96
1	94 also cites the substantial lapse in time over the	1	96 submit a new proposal for a new aquifer
1 2		1	
	also cites the substantial lapse in time over the		submit a new proposal for a new aquifer
2	also cites the substantial lapse in time over the last 10 years.	2	submit a new proposal for a new aquifer exemption, different than the one that remains in
2 3	also cites the substantial lapse in time over the last 10 years. So what's happening in that letter by	2	submit a new proposal for a new aquifer exemption, different than the one that remains in effect because it has no expiration.
2 3 4	also cites the substantial lapse in time over the last 10 years. So what's happening in that letter by R9 to FCI in response to their original	2 3 4	submit a new proposal for a new aquifer exemption, different than the one that remains in effect because it has no expiration. They submit what's attached to the
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	51		33
1	activities only, and they leave the larger	1	the way that there are now.
2	commercial scale project for another day, to come	2	JUDGE WARD: Could I interrupt you
3	back with another application and come back with	3	just on that point.
4	another presumably aquifer exemption scope if	4	So, as I understand it Southwest Value
5	that's even going to be relevant in the larger	5	Partners purchased the property I guess in the
6	scale project.	6	Merrill Ranch area back in December of 2009,
7	These are the very changes that were	7	correct? Is that right?
8	requested.	8	MR. FRANCO: Yes.
9	But what then happens is in the next	9	JUDGE WARD: But between then and now
10	step of the process when the revised application	10	your company did not file a request to revisit
11	gets submitted R9 then, and this will be at	11	the aquifer exemption.
12	attachment 34, in 2014 in response to the revised	12	And I'm taking your point that when it
13	application R9 comes back and says you know what.	13	was originally issued not too many people lived
14	We want you to reinstate the original aquifer	14	in the area. But you were purchasing the
15	exemption terms.	15	property with the plans for development.
16	And that's what ends up happening.	16	But it is the case that you didn't
17	And that's why we're here, because all of a	17	seek a revision to the aquifer exemption between
18	sudden without explanation that we can find	18	then and now, correct?
19	that's what FCI does.	19	MR. FRANCO: I'm not sure how to
20	They go back to the same original	20	answer that, Your Honor, because the history is
21	aquifer exemption terms that date back to 1997,	21	that there has been litigation, and conversation,
22	date back to a time when there was no population.	22	and debate on this permit both at the state and
	98		100
1	98 There was, and if I can show the	1	100 federal level all along for many, many years.
1 2		1 2	
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2	There was, and if I can show the Board, the original aquifer exemption Your Honors	2	federal level all along for many, many years. JUDGE WARD: But outside the context
2 3	There was, and if I can show the Board, the original aquifer exemption Your Honors this is going to be hard to see, but this is	2 3	federal level all along for many, many years. JUDGE WARD: But outside the context of the permit, separately was there any request
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2 3 4 5	There was, and if I can show the Board, the original aquifer exemption Your Honors this is going to be hard to see, but this is an older map. The quality is not that's a little better.	2 3 4 5	federal level all along for many, many years. JUDGE WARD: But outside the context of the permit, separately was there any request to revisit, to revoke, or reopen the aquifer exemption?
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	There was, and if I can show the Board, the original aquifer exemption Your Honors this is going to be hard to see, but this is an older map. The quality is not that's a little better. What you're seeing there in the yellow highlighted area, that's the property that the original owners of this project back in the nineties owned. That's how much of Florence they owned. The red demarcation that you see in the middle of that, that becomes, and I'll show you more diagrams in a second that will match that, that becomes the aquifer exemption that is too broad for this project. So at the time that this aquifer exemption was granted there was limited review, limited comment, limited interest because of the fact that back then it was Magma that owned this	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	<pre>federal level all along for many, many years. JUDGE WARD: But outside the context of the permit, separately was there any request to revisit, to revoke, or reopen the aquifer exemption? MR. FRANCO: I'm not aware that there was. Pardon me? Just informal as I was referring to through the dialogue and the years of communication and hearings and things like that that have happened both mainly at the state level, frankly. So yes, it has been a contested issue in that regard. But no filing I think in the way Your Honor is suggesting. JUDGE WARD: Okay. And then I guess just another follow-up question. And I appreciate the walking us through the history of the submissions and the back and forth. But if you could address what do you</pre>

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MR. FRANCO: Sure. And let me do that 1 conditions so significantly change. by just giving you the visual. 2 The EPA R9 acknowledged that. They 2 This area that you see on this 3 requested the information. What's inexplicable 4 4 diagram. And as you see it's labeled Merrill here and not in the record is why they eventually 5 Ranch. 5 then told FCI after FCI adjusted it to a proper б This is now a more contemporary scope, no, go back and make it the broader 7 version of that property that I just showed you. 7 exemption. 8 This is dated 2007 if I can read the fuzzy The only thing we can surmise, and 9 numbers in the corner. q it's only a speculative thought is that when they 10 But you go from that area that's 10 saw this project broken up into two phases to 11 demarcated with the yellow highlighter which is 11 facilitate their review they may have figured 12 nothing but desert back then for the most part 12 well, we're headed down the road towards the 13 and no population basically. 13 commercial project anyway, we'll just leave this 14 And by 2007 it looks like this. These 14 one in place. 15 are all homes. These are all developments. 15 We don't know. But they're not 16 These are all people that are going to be relying 16 telling us. So all we have then is this PTF 17 on this aguifer as a primary source of drinking 17 activity in a confined space and it's got about 398 acres in excess of the 2 or 3 that they need 18 water. 18 19 And we've attached to our petition a 19 and frankly asked for in their petition. letter from Southwest -- I'm forgetting the name 20 20 JUDGE LYNCH: Other than the extent of 21 of the outfit that did the study, but it was 21 the aquifer exemption do you object to any terms 22 submitted as a basis to argue that this is in 22 of the permit? 104 102 1 fact the primary source of drinking water for 1 MR. FRANCO: No. And here's why 2 that's significant Your Honor. And I'm going to this community. 2 3 So the circumstances are dramatically 3 ask you to -- this is the crosscut of the different. Is the exemption a valid document 4 exemption. because it doesn't expire? Sure. But that 5 The green dotted line represents the 5 б doesn't mean that 10, 20, 30 years from now when 6 exempted area. The orange in the middle 7 7 someone comes along and needs to then represents the PTF area where the activity is 8 intentionally invade or put at risk these sources 8 going on. of drinking water that the scope of that 9 There's a buffer not depicted on this 9 10 exemption and the propriety of that exemption 10 diagram but for purposes of efficiency I'll just freehand it. It's going to look like this. And 11 shouldn't be reexamined. It needs to be 11 reexamined. that's the 500 foot buffer that would be part of 12 12 13 JUDGE LYNCH: Did vou consider the 13 the requested exemption by FCI that R9 came back 14 exempted aquifer when you purchased the property? 14 and said no, we want you to go back and go back 15 MR. FRANCO: I don't know the answer 15 to the big original exemption. to that, Your Honor. That would be best put to 16 What I'd like you to consider because 16 17 one of the officers at SWVP. 17 I do sense that this is kind of a novel So, it only makes sense that this 18 circumstance is this. 18 19 aguifer which is now outdated by its terms that 19 Imagine for a moment that there's no have everything to do with the priorities that I BHP, that there is no original permit, no 20 20 21 21 referenced a minute ago in the CFRs, it only original aguifer exemption. 22 22 makes sense that it needs to be revisited when Imagine for a second that FCI walks in



105		107
and applies for a proper permit with a proper	1	well, this is the activity area that's orange.
exemption for this same PTF project seen in that	2	This is the 500 foot buffer that gives the
orange demarcation.	3	ability to monitor and catch any problem.
Now imagine that they ask for a 400	4	And what we're hearing is that if
acre aquifer exemption that effectively takes all	5	anything happens, and I think the word they use
of that land, all of that water area out of	6	in their papers is we meaning EPA R9 we feel, we
regulation under the Safe Drinking Water Act.	7	believe that the monitoring systems that FCI has
5	8	
Does anyone here really believe that		in place if such an event were to happen are
that would be granted?	9	appropriate and there's not really any real risk.
JUDGE AVILA: If it were you wouldn't	10	And if anything does get out, if any
come to the Board. You would go to a federal	11	contaminant does get out, oh, it's going to take
circuit court, right?	12	about 200 years before it reaches a drinking
MR. FRANCO: I don't know, Judge.	13	water well.
Possibly. I don't know the answer to that.	14	If those systems that are in place to
JUDGE WARD: To follow up. I think	15	monitor and protect against this contamination,
the concern I'm hearing putting the aquifer	16	potential contamination are so foolproof that
exemption to the side is what you're focused on.	17	nothing bad is ever going to happen outside of
The concern is that your planned	18	here then why do they need all that exemption
development and the wells there will be at risk	19	area, and why does that area have to exist
of contamination from this, the operations under	20	exempted in violation of the Safe Drinking Water
this permit.	21	Act?
And I think we heard the EPA counsel,	22	And that's where our position is, Your
106		108
we'll ask them again when they get up in response	1	Honor, to get to your answer which is by its
to your petition. But they pointed to several	2	existence and without any justification that ties
different permit conditions as well as modeling	3	it to this project, and because it does represent
that had been done that suggested just on the	4	risk to drinking water wells it's in violation of
science that the risk wasn't there.	5	the Safe Drinking Water Act.
And I don't see, and I think we'd	б	So it's not an answer to say well, if
asked earlier whether you're challenging any of	7	anything happens nobody's really going to get
the particular findings that were supportive of	8	hurt. That's great, and we're happy to hear that
this permit.	9	the monitoring systems are so good, but the real
So I don't see that being contested	10	issue here is that you've got a condition there
here by you. I just see a concern that the	11	that is right now not being regulated, will not
aquifer exemption stands and it should have been	12	be regulated, and while it's not being regulated
revisited.	13	it's not subject to the prescripts of the act.
Is that a fair reading of your	14	JUDGE WARD: So just to confirm it
petition?	15	sounds as if your concern what I'm hearing you
petition? MR. FRANCO: In parts, Your Honor, and		sounds as if your concern what I'm hearing you say is your concern isn't with respect to the PTF

concern there is.

let me see if I can address what I think the

in their papers is that -- and I'll just use this

since I've already marked on it -- the basic

response to our petition from them has become

What we are hearing and what's written

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area and the area of review, the 500 foot buffer,

MR. FRANCO: Yes. If I understood you

its existence, but rather the fact that nothing

was done with respect to the aquifer exemption

beyond those boundaries.

I'm going to agree.

	109		111
1	Now, I've just addressed the lateral	1	JUDGE AVILA: Thank you.
2	portion of the exemption. There's also challenge	2	(Whereupon, the above-entitled matter
3	to the vertical portion. And I'm going to keep	3	went off the record at 2:50 p.m. and resumed at
4	using this as my visual.	4	3:01 p.m.)
5	What they've also asked for in the	5	JUDGE AVILA: Okay, we'll proceed with
6	- exemption am I okay on time, Judge?	6	oral argument in UIC Appeal No. 17-03 and we'll
7	JUDGE AVILA: You're well over.	7	hear from EPA Region 9 now.
8	JUDGE WARD: Let me ask one question	8	MR. MINOR: Thank you, Your Honors.
9	on that. Others may have a question.	9	Dustin Minor again.
10	So on the lower basin fill unit I'm	10	As petitioners concede there is no
11	reading your petition as the argument is it	11	legal requirement for Region 9 to revisit the
12	doesn't contain copper so therefore how could it	12	validly existing extant aquifer exemption.
13	be part of the exempted aquifer. Is that?	13	I think it's beyond the Board's
14	MR. FRANCO: Whose position?	14	jurisdiction to do so. I think that aquifer
15	JUDGE WARD: Your position. Which	15	exemptions are reviewable in the circuit courts
16	really to me I don't think that there's a	16	as provided under the Safe Drinking Water Act as
17	disagreement that it doesn't contain copper, but	17	final agency action that is separate and distinct
18	rather that there was a decision made in 1997	18	from the permitting process.
19	that it should be part of the aquifer exemption.	19	JUDGE LYNCH: Counsel, how would that
20	MR. FRANCO: Right. The vertical	20	work if petitioner can't challenge the aquifer
21	portion of the exemption that we take issue with	21	exemption in this proceeding? Would they first
22	is the fact that it's basically between these two	22	have to file a petition with the region or the
	110		112
1	110 blue lines. This is the lower portion here and	1	112 Administrator at this point?
1 2		1	
	blue lines. This is the lower portion here and		Administrator at this point?
2	blue lines. This is the lower portion here and they obviously don't go parallel, and that's the	2	Administrator at this point? MR. MINOR: At this point, yes. I
2 3	blue lines. This is the lower portion here and they obviously don't go parallel, and that's the upper portion.	2	Administrator at this point? MR. MINOR: At this point, yes. I think had they wanted to challenge it in 1997
2 3 4	blue lines. This is the lower portion here and they obviously don't go parallel, and that's the upper portion. In the upper portion there's 200 feet	2 3 4	Administrator at this point? MR. MINOR: At this point, yes. I think had they wanted to challenge it in 1997 when we had issued it they could have challenged
2 3 4	blue lines. This is the lower portion here and they obviously don't go parallel, and that's the upper portion. In the upper portion there's 200 feet under the original aquifer exemption parameters	2 3 4 5	Administrator at this point? MR. MINOR: At this point, yes. I think had they wanted to challenge it in 1997 when we had issued it they could have challenged it within 45 days of that issuance.
2 3 4 5 6	blue lines. This is the lower portion here and they obviously don't go parallel, and that's the upper portion. In the upper portion there's 200 feet under the original aquifer exemption parameters that invade into the bottom part of the lower	2 3 4 5 6	Administrator at this point? MR. MINOR: At this point, yes. I think had they wanted to challenge it in 1997 when we had issued it they could have challenged it within 45 days of that issuance. But if they wanted us to revisit that
2 3 4 5 6 7	blue lines. This is the lower portion here and they obviously don't go parallel, and that's the upper portion. In the upper portion there's 200 feet under the original aquifer exemption parameters that invade into the bottom part of the lower basin fill unit which is where the drinking water	2 3 4 5 6 7	Administrator at this point? MR. MINOR: At this point, yes. I think had they wanted to challenge it in 1997 when we had issued it they could have challenged it within 45 days of that issuance. But if they wanted us to revisit that decision then I think they would be required to
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2 3 4 5 6 7 8 9	blue lines. This is the lower portion here and they obviously don't go parallel, and that's the upper portion. In the upper portion there's 200 feet under the original aquifer exemption parameters that invade into the bottom part of the lower basin fill unit which is where the drinking water supply is. JUDGE AVILA: So your vertical	2 3 4 5 6 7 8 9 10 11	Administrator at this point? MR. MINOR: At this point, yes. I think had they wanted to challenge it in 1997 when we had issued it they could have challenged it within 45 days of that issuance. But if they wanted us to revisit that decision then I think they would be required to petition us to make a decision because they would certainly have missed the 45-day requirement obviously. JUDGE LYNCH: It would be under the
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2 3 4 5 6 7 8 9 10 11 12 13	<pre>blue lines. This is the lower portion here and they obviously don't go parallel, and that's the upper portion. In the upper portion there's 200 feet under the original aquifer exemption parameters that invade into the bottom part of the lower basin fill unit which is where the drinking water supply is. JUDGE AVILA: So your vertical argument goes to those 200 feet in the LBFU. MR. FRANCO: Yes. JUDGE AVILA: You're well over your time. Given that we've gone over for everything</pre>	2 3 4 5 6 7 8 9 10 11 12 13	Administrator at this point? MR. MINOR: At this point, yes. I think had they wanted to challenge it in 1997 when we had issued it they could have challenged it within 45 days of that issuance. But if they wanted us to revisit that decision then I think they would be required to petition us to make a decision because they would certainly have missed the 45-day requirement obviously. JUDGE LYNCH: It would be under the Administrative Procedures Act? MR. MINOR: Section 1448 of the Safe
2 3 4 5 6 7 8 9 10 11 12 13 14	<pre>blue lines. This is the lower portion here and they obviously don't go parallel, and that's the upper portion.</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14	Administrator at this point? MR. MINOR: At this point, yes. I think had they wanted to challenge it in 1997 when we had issued it they could have challenged it within 45 days of that issuance. But if they wanted us to revisit that decision then I think they would be required to petition us to make a decision because they would certainly have missed the 45-day requirement obviously. JUDGE LYNCH: It would be under the Administrative Procedures Act? MR. MINOR: Section 1448 of the Safe Drinking Water Act allows for review of final
2 3 4 5 6 7 8 9 10 11 12 13 14 15	<pre>blue lines. This is the lower portion here and they obviously don't go parallel, and that's the upper portion.</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15	Administrator at this point? MR. MINOR: At this point, yes. I think had they wanted to challenge it in 1997 when we had issued it they could have challenged it within 45 days of that issuance. But if they wanted us to revisit that decision then I think they would be required to petition us to make a decision because they would certainly have missed the 45-day requirement obviously. JUDGE LYNCH: It would be under the Administrative Procedures Act? MR. MINOR: Section 1448 of the Safe Drinking Water Act allows for review of final agency action within 45 days of that action, or
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	<pre>blue lines. This is the lower portion here and they obviously don't go parallel, and that's the upper portion. In the upper portion there's 200 feet under the original aquifer exemption parameters that invade into the bottom part of the lower basin fill unit which is where the drinking water supply is. JUDGE AVILA: So your vertical argument goes to those 200 feet in the LBFU. MR. FRANCO: Yes. JUDGE AVILA: You're well over your time. Given that we've gone over for everything why don't we take a 10-minute recess and then we'll come back and reconvens. MR. FRANCO: Am I still on?</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Administrator at this point? MR. MINOR: At this point, yes. I think had they wanted to challenge it in 1997 when we had issued it they could have challenged it within 45 days of that issuance. But if they wanted us to revisit that decision then I think they would be required to petition us to make a decision because they would certainly have missed the 45-day requirement obviously. JUDGE LYNCH: It would be under the Administrative Procedures Act? MR. MINOR: Section 1448 of the Safe Drinking Water Act allows for review of final agency action within 45 days of that action, or for changed circumstances. It does note that.
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	<pre>blue lines. This is the lower portion here and they obviously don't go parallel, and that's the upper portion. In the upper portion there's 200 feet under the original aquifer exemption parameters that invade into the bottom part of the lower basin fill unit which is where the drinking water supply is. JUDGE AVILA: So your vertical argument goes to those 200 feet in the LBFU. MR. FRANCO: Yes. JUDGE AVILA: You're well over your time. Given that we've gone over for everything why don't we take a 10-minute recess and then we'll come back and reconvene. MR. FRANCO: Am I still on? JUDGE AVILA: We'll give you your five minutes of rebuttal. MR. FRANCO: Okay.</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	<pre>Administrator at this point?</pre>
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	<pre>blue lines. This is the lower portion here and they obviously don't go parallel, and that's the upper portion. In the upper portion there's 200 feet under the original aquifer exemption parameters that invade into the bottom part of the lower basin fill unit which is where the drinking water supply is. JUDGE AVILA: So your vertical argument goes to those 200 feet in the LBFU. MR. FRANCO: Yes. JUDGE AVILA: You're well over your time. Given that we've gone over for everything why don't we take a 10-minute recess and then we'll come back and reconvene. MR. FRANCO: Am I still on? JUDGE AVILA: We'll give you your five minutes of rebuttal. MR. FRANCO: Okay. JUDGE AVILA: We appreciate your</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	<pre>Administrator at this point?</pre>

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	113		115
1	aquifer exemption?	1	trying to understand the lateral aquifer well
2	MR. MINOR: Potentially the APA and	2	first of all, 2-B-2 says the permit shall ensure
3	section 1448 of the Safe Drinking Water Act which	3	that there's no migration of injection fluids
4	does have a changed circumstances provision in	4	processed by products or formation fluids beyond
5	addition to the 45-day requirement.	5	the exempted zone, right.
6	JUDGE AVILA: But doesn't the changed	6	And then (b)(1) is the exempted zone.
7	circumstance provision just go to the time in	7	And it cites figure S-1 in the in situ copper
8	which you file a petition in the court of	8	recovery area delineated in figure S-1.
9	appeals?	9	I don't see anything delineated the
10	MR. MINOR: You know, I don't think	10	ISCR in figure S-1. So I'm trying to understand
11	there's been a lot of petitions under section	11	what is the lateral extent of the exempted zone
12	1448 that I'm aware of for things like aquifer	12	in the permit.
13	exemptions so I'm not certain.	13	MR. MINOR: I'm trying to put this up.
14	JUDGE AVILA: They petition the	14	Maybe I can answer your question without doing
15	agency. They get a response. What happens next?	15	80.
16	And they're disappointed by the response.	16	But the exempted zone
17	MR. MINOR: I think if they petition	17	JUDGE WARD: We're going to see if we
18	the agency and we deny that petition then I think	18	can give you some assistance.
19	they could seek to take that to the 9th Circuit	19	MR. MINOR: Okay. Thank you. I
20	- to review the adequacy of that decision.	20	acknowledge that this permit provision is not as
21	And I can't speak on behalf of the	21	clear as it could be. So just to explain I'll
22	- Department of Justice as to what exactly the	22	zoom back out first this figure which I think is
	114		116
1	114 Department of Justice would require to meet the	1	116 similar to a figure that was illustrated earlier.
1 2		1	
	Department of Justice would require to meet the		similar to a figure that was illustrated earlier.
2	Department of Justice would require to meet the criteria necessary to do that, but I think that	2	similar to a figure that was illustrated earlier. So, the PTF well fill is the small
2 3	Department of Justice would require to meet the criteria necessary to do that, but I think that is the avenue they would explore, and I think	2	similar to a figure that was illustrated earlier. So, the PTF well fill is the small circle here in the middle and that's the area of
2 3 4	Department of Justice would require to meet the criteria necessary to do that, but I think that is the avenue they would explore, and I think that is analogous to the path that has been taken	2 3 4	similar to a figure that was illustrated earlier. So, the PTF well fill is the small circle here in the middle and that's the area of review around it.
2 3 4	Department of Justice would require to meet the criteria necessary to do that, but I think that is the avenue they would explore, and I think that is analogous to the path that has been taken in other petitions, the Golead petition I think	2 3 4 5	similar to a figure that was illustrated earlier. So, the PTF well fill is the small circle here in the middle and that's the area of review around it. The green line just for reference is
2 3 4 5 6 7 8	Department of Justice would require to meet the criteria necessary to do that, but I think that is the avenue they would explore, and I think that is analogous to the path that has been taken in other petitions, the Golead petition I think you all were referring to earlier that they cite in their papers as well as Western Nebraska Resources Council in Region 8 where the 8th	2 3 4 5 6 7 8	<pre>similar to a figure that was illustrated earlier. So, the PTF well fill is the small circle here in the middle and that's the area of review around it. The green line just for reference is the state mineral lease, and the orange line is the full extent of the aquifer exemption. So the no migration requirements in</pre>
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Neal R. Gross and Co., Inc. Washington DC

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	117		119
1	that is the orange line.	1	JUDGE AVILA: So are you saying that
2	MR. MINOR: Yes.	2	the delineation of the aquifer exemption within
3	JUDGE WARD: So one of the arguments	3	the permit is akin to if you were injecting into
4	I think the town's counsel made was that we're	4	a for lack of a better term cavern that was
5	challenging a permit term. And the aquifer	5	underground you might similarly delineate the
6	exemption has been incorporated into the permit.	6	lateral and vertical extent of that cavern and
7	And therefore that's something that we can	7	say you cannot migrate beyond those dimensions.
8	challenge. How do you answer that?	8	MR. MINOR: Exactly.
9	MR. MINOR: Well, I think because the	9	JUDGE LYNCH: So counsel, in terms of
10	Safe Drinking Water Act has sort of a requirement	10	the abundance of caution assessment you did what
11	has a requirement to not exempt into USDWs	11	legal relevance, if any, does that have in terms
12	which are then able to be exempted. So the	12	of this permit and our review of the permit?
13	definition of a USDW, an underground source of	13	MR. MINOR: Well, I think we did it
14	drinking water does not include an exempt	14	voluntarily in response to the comments and the
15	aquifer.	15	concerns that were raised by the petitioners and
16	So for us to issue this permit we have	16	the town and acknowledging the change in
17	to determine that it is occurring into an exempt	17	circumstances.
18	aquifer because otherwise it would be a USDW.	18	I think the biggest import that it has
19	So I think even though it's listed	19	is that to the extent the Board would consider
20	under the permit the actual description of the	20	looking at whether or not the agency looked at
21	aquifer exemption is really just a recitation of	21	the area covered by the PTF and whether it
22	the lateral and vertical extent of the area that	22	continues to meet the aquifer exemption
	110		
	118		120
1	118 is not a USDW to which the prohibitions in the	1	120 requirements we voluntarily did so here.
1 2		1	
	is not a USDW to which the prohibitions in the		requirements we voluntarily did so here.
2	is not a USDW to which the prohibitions in the Safe Drinking Water Act apply.	2	requirements we voluntarily did so here. We looked at the area covered by the
2 3	is not a USDW to which the prohibitions in the Safe Drinking Water Act apply. So the no migration into or between	2 3	requirements we voluntarily did so here. We looked at the area covered by the exemption and determined that it I'm sorry, by
2 3 4	is not a USDW to which the prohibitions in the Safe Drinking Water Act apply. So the no migration into or between USDWs in 2-B-2 and the adequate protection of	2 3 4	requirements we voluntarily did so here. We looked at the area covered by the exemption and determined that it I'm sorry, by the permit and determined that it's not a current
2 3 4 5	is not a USDW to which the prohibitions in the Safe Drinking Water Act apply. So the no migration into or between USDWs in 2-B-2 and the adequate protection of USDWs in 2-B-3 it's necessary to define what are	2 3 4 5	requirements we voluntarily did so here. We looked at the area covered by the exemption and determined that it I'm sorry, by the permit and determined that it's not a current source of drinking water and that it is mineral
2 3 4 5 6	is not a USDW to which the prohibitions in the Safe Drinking Water Act apply. So the no migration into or between USDWs in 2-B-2 and the adequate protection of USDWs in 2-B-3 it's necessary to define what are the underground sources of drinking water by	2 3 4 5 6	requirements we voluntarily did so here. We looked at the area covered by the exemption and determined that it I'm sorry, by the permit and determined that it's not a current source of drinking water and that it is mineral producing.
2 3 4 5 6 7	is not a USDW to which the prohibitions in the Safe Drinking Water Act apply. So the no migration into or between USDWs in 2-B-2 and the adequate protection of USDWs in 2-B-3 it's necessary to define what are the underground sources of drinking water by referencing the aquifer exemption.	2 3 4 5 6 7	requirements we voluntarily did so here. We looked at the area covered by the exemption and determined that it I'm sorry, by the permit and determined that it's not a current source of drinking water and that it is mineral producing. And therefore there wouldn't be
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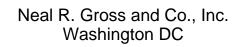
121		123
issuing that permit. And that would be the	1	you said it today and you said it in your brief.
McMillan that we looked at.	2	The voluntary analysis within the PTF. I think
And here they do not make any	3	you said you did it in response to comments, but
arguments that this permit will result in a lack	4	it's in the statement of basis for the draft
of protection. It's really the town and the	5	permit.
Southwest Value Partners are really I think	6	So what comments were you doing it in
attempting to preempt a commercial scale mine at	7	response to?
the site.	8	MR. MINOR: Well, I think as the town
Because they're not citing to the	9	has pointed out in their discussion today we were
concerns about the PTF that it may have on the	10	aware of and involved in discussions with the
town's drinking water. They're really asking	11	town and Southwest Value Partners throughout this
that we conform the aquifer exemption to the PTF	12	process as well.
and that wouldn't change the substantive	13	And so we had heard concerns expressed
provisions of the permit, but it would change	14	about the change in circumstances.
JUDGE WARD: If I could interject	15	And really what we chose to do was
there, I think they're arguing that the LBFU,	16	bifurcate the process as they said into a two-
lower basin fill unit, should be part of the	17	part process.
aquifer exemption. And if that were removed	18	One is to make sure that you can have
couldn't that possibly have an impact on the	19	a safe and Safe Drinking Water Act compliant mine
permit terms here?	20	here and require a production test facility for
MR. MINOR: Yes, it could. That is	21	that.
correct. So I think if you conform the aquifer	22	And then if that is successful the
	1	
122		124
122 exemption just to the permit it wouldn't have a	1	124 whole point of what Florence Copper is doing is
	1 2	
exemption just to the permit it wouldn't have a		whole point of what Florence Copper is doing is
exemption just to the permit it wouldn't have a difference.	2	whole point of what Florence Copper is doing is not to get whatever copper they get out of this
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> Neal R. Gross and Co., Inc. Washington DC

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1	much more informed decision by the agency if we	1	one, to really require potentially three changes.
2	were to look at the aquifer exemption again, if	2	The original aquifer exemption, then
3	we were to choose to do so as part of a	3	a modification, and then a new aquifer exemption
4	commercial scale to know what the commercial	4	would have then had to have been required for a
5	scale operation that was being proposed and where	5	commercial scale.
6	it was at.	6	This is not consistent with how it's
7	JUDGE WARD: And what's your response	7	done. There's over 4,000 aquifer exemptions
8	to the argument that Southwest Value Partners	8	throughout the country and how it's done in other
9	made. I think the town might have raised this as	9	states. That was the decision the region made.
10	well in her comments, that the region decided	10	JUDGE AVILA: Do you know or is my
11	that they wouldn't simply transfer the permit,	11	recollection correct that when the agency
12	that they would revoke and reissue because of	12	promulgated the aquifer exemption regulations at
	-		
13	changed circumstances, but didn't apply those	13	some point didn't it consider whether to have an
14	same changed circumstances as it related to the	14	expiration period and opted not to do that? Is
15	aquifer exemption.	15	my recollection right on that or am I wrong?
16	How do you respond to that point?	16	MR. MINOR: I believe there was
17	MR. MINOR: Well, I think the decision	17	definitely some consideration of that, and there
18	the region made was that there is a valid	18	may be some older documents that talk about that.
19	existing aquifer exemption in place that's been	19	I could look into that and provide supplemental
20	in place for the last 20 years. And it made	20	briefing if you want. But I don't recall
21	sense to rely on that for the PTF.	21	specifically.
22	But before they want to propose a	22	JUDGE AVILA: In any event it's not in
	126		128
1	126 commercial scale permit we wanted to make sure it	1	128 the regs.
1 2		1 2	
	commercial scale permit we wanted to make sure it		the regs.
2	commercial scale permit we wanted to make sure it could be done in a safe and effective manner	2	the regs. MR. MINOR: It is not. And I think
2 3	commercial scale permit we wanted to make sure it could be done in a safe and effective manner compliant with the Safe Drinking Water Act.	2	the regs. MR. MINOR: It is not. And I think it's not in the regs for a reason. I think when
2 3 4	commercial scale permit we wanted to make sure it could be done in a safe and effective manner compliant with the Safe Drinking Water Act. And so we achieved the same goals of	2 3 4	the regs. MR. MINOR: It is not. And I think it's not in the regs for a reason. I think when you go out and perform and there's other types of
2 3 4 5	commercial scale permit we wanted to make sure it could be done in a safe and effective manner compliant with the Safe Drinking Water Act. And so we achieved the same goals of making sure that copper mine done there, if any,	2 3 4 5	the regs. MR. MINOR: It is not. And I think it's not in the regs for a reason. I think when you go out and perform and there's other types of mining in situ actions, injection that occur as
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2 3 4 5 6 7	commercial scale permit we wanted to make sure it could be done in a safe and effective manner compliant with the Safe Drinking Water Act. And so we achieved the same goals of making sure that copper mine done there, if any, is done in compliance with the Safe Drinking Water Act and the regulations by bifurcating the	2 3 4 5 6 7	the regs. MR. MINOR: It is not. And I think it's not in the regs for a reason. I think when you go out and perform and there's other types of mining in situ actions, injection that occur as well. But basically what an aquifer
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2 3 4 5 6 7 8 9 10 11 12	<pre>commercial scale permit we wanted to make sure it could be done in a safe and effective manner compliant with the Safe Drinking Water Act. And so we achieved the same goals of making sure that copper mine done there, if any, is done in compliance with the Safe Drinking Water Act and the regulations by bifurcating the permit process. Aquifer exemptions are just a classification. It doesn't require anything. All of the substantive provisions are contained in the permit.</pre>	2 3 4 5 6 7 8 9 10 11 12	<pre>the regs.</pre>
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	<pre>commercial scale permit we wanted to make sure it could be done in a safe and effective manner compliant with the Safe Drinking Water Act.</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	<text></text>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	<pre>commercial scale permit we wanted to make sure it could be done in a safe and effective manner compliant with the Safe Drinking Water Act. And so we achieved the same goals of making sure that copper mine done there, if any, is done in compliance with the Safe Drinking Water Act and the regulations by bifurcating the permit process. Aquifer exemptions are just a classification. It doesn't require anything. All of the substantive provisions are contained in the permit. And it wouldn't change the production test facility and how it's done to demonstrate whether or not it's feasible to do a commercial scale facility. So we really felt it was better to defer the aquifer exemption determination until we knew if and what the commercial scale if it was going to go forward with the commercial scale and if so what the scale of that might be.</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	<text><text><text></text></text></text>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	<pre>commercial scale permit we wanted to make sure it could be done in a safe and effective manner compliant with the Safe Drinking Water Act.</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	<text><text><text></text></text></text>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	<pre>commercial scale permit we wanted to make sure it could be done in a safe and effective manner compliant with the Safe Drinking Water Act. And so we achieved the same goals of making sure that copper mine done there, if any, is done in compliance with the Safe Drinking Water Act and the regulations by bifurcating the permit process. Aquifer exemptions are just a classification. It doesn't require anything. All of the substantive provisions are contained in the permit. And it wouldn't change the production test facility and how it's done to demonstrate whether or not it's feasible to do a commercial scale facility. So we really felt it was better to defer the aquifer exemption determination until we knew if and what the commercial scale if it was going to go forward with the commercial scale and if so what the scale of that might be.</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	<text><text><text></text></text></text>

	129		131
1	aquifer's down gradient.	1	below.
2	I'm not sure if I answered your	2	JUDGE AVILA: Thank you very much.
3	question.	3	We'll hear from Florence Copper.
4	JUDGE AVILA: Just harkening back to	4	MR. TSIOLIS: Thank you, Your Honors.
5	something we talked about earlier an area of	5	George Tsiolis again.
6	review, and again this is kind of a 50,000 foot	6	The point was raised or the question
7	level question, I get it has a lateral boundary	7	was raised whether or not the exemption is
8	and here it's a 500 foot radius outside the well	8	incorporated into the permit.
9	field.	9	I don't know whether I would use the
10	Is there a vertical boundary to the	10	term incorporated. Certainly every single
11	area of review, or is it just a big cylinder that	11	exemption has to be taken into account when
12	goes all the way down from the surface down to	12	there's a permit associated with that exemption.
13	the so what I'm trying to get at I think	13	There's a requirement in the
14	earlier you said the permit is designed not to	14	regulations that states that the permit the
15	have any vertical excursions. Is that part of	15	regulations are at 144.52 and 144.3.
16	the area review analysis, or is it part of just	16	JUDGE AVILA: I'm sorry, could you say
17	are we keeping USDWs safe?	17	those again?
18	MR. MINOR: Well, I think vertically	18	MR. TSIOLIS: $144.52(A)(3)$ and $(A)(9)$
19	the USDW is the LBFU above 200 feet. So I think	19	which require all UIC permits to include
20	the area of review is the area that's potentially	20	provisions to ensure injected fluids do not
21	going to have a zone of endangering influence	21	migrate and formation fluids are not displaced in
22	impacts from the injectate injection and	22	any USDW.
	130		132
1	130 recovery.	1	132 I think the number is closer to 5,000
1 2		1 2	
	recovery.		I think the number is closer to 5,000
2	recovery. And so if there were a problem and	2	I think the number is closer to 5,000 exemptions based off of the EPA website that is
2 3	recovery. And so if there were a problem and there were an excursion that isn't expected, but	2	I think the number is closer to 5,000 exemptions based off of the EPA website that is cited in footnote 4 of our response brief.
2 3 4	recovery. And so if there were a problem and there were an excursion that isn't expected, but if it were to occur what area would that occur	2 3 4	I think the number is closer to 5,000 exemptions based off of the EPA website that is cited in footnote 4 of our response brief. And every one of those permits that is
2 3 4	recovery. And so if there were a problem and there were an excursion that isn't expected, but if it were to occur what area would that occur in.	2 3 4	I think the number is closer to 5,000 exemptions based off of the EPA website that is cited in footnote 4 of our response brief. And every one of those permits that is associated with those 5,000 exemptions has to
2 3 4 5 6	recovery. And so if there were a problem and there were an excursion that isn't expected, but if it were to occur what area would that occur in. And that's why we have monitoring in	2 3 4 5 6	I think the number is closer to 5,000 exemptions based off of the EPA website that is cited in footnote 4 of our response brief. And every one of those permits that is associated with those 5,000 exemptions has to have that basic addition in it and it makes sense
2 3 4 5 6 7	recovery. And so if there were a problem and there were an excursion that isn't expected, but if it were to occur what area would that occur in. And that's why we have monitoring in the different zones because there would be the	2 3 4 5 6 7	I think the number is closer to 5,000 exemptions based off of the EPA website that is cited in footnote 4 of our response brief. And every one of those permits that is associated with those 5,000 exemptions has to have that basic addition in it and it makes sense that they do.
2 3 4 5 6 7 8	recovery. And so if there were a problem and there were an excursion that isn't expected, but if it were to occur what area would that occur in. And that's why we have monitoring in the different zones because there would be the concern if there was a lateral loss of hydraulic	2 3 4 5 6 7 8	I think the number is closer to 5,000 exemptions based off of the EPA website that is cited in footnote 4 of our response brief. And every one of those permits that is associated with those 5,000 exemptions has to have that basic addition in it and it makes sense that they do. All those permits that are associated
2 3 4 5 7 8 9	recovery. And so if there were a problem and there were an excursion that isn't expected, but if it were to occur what area would that occur in. And that's why we have monitoring in the different zones because there would be the concern if there was a lateral loss of hydraulic control that that could migrate vertically.	2 3 4 5 6 7 8 9	I think the number is closer to 5,000 exemptions based off of the EPA website that is cited in footnote 4 of our response brief. And every one of those permits that is associated with those 5,000 exemptions has to have that basic addition in it and it makes sense that they do. All those permits that are associated with such exemptions either go through
2 3 4 5 6 7 8 9 10	recovery. And so if there were a problem and there were an excursion that isn't expected, but if it were to occur what area would that occur in. And that's why we have monitoring in the different zones because there would be the concern if there was a lateral loss of hydraulic control that that could migrate vertically. That was why the wells were installed	2 3 4 5 6 7 8 9 10	I think the number is closer to 5,000 exemptions based off of the EPA website that is cited in footnote 4 of our response brief. And every one of those permits that is associated with those 5,000 exemptions has to have that basic addition in it and it makes sense that they do. All those permits that are associated with such exemptions either go through modification or revocation and reissuance on a
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2 3 4 5 6 7 8 9 10 11 12	recovery. And so if there were a problem and there were an excursion that isn't expected, but if it were to occur what area would that occur in. And that's why we have monitoring in the different zones because there would be the concern if there was a lateral loss of hydraulic control that that could migrate vertically. That was why the wells were installed at the interface between the LBFU and the oxide zone to detect any vertical migrations up.	2 3 4 5 6 7 8 9 10 11 12	I think the number is closer to 5,000 exemptions based off of the EPA website that is cited in footnote 4 of our response brief. And every one of those permits that is associated with those 5,000 exemptions has to have that basic addition in it and it makes sense that they do. All those permits that are associated with such exemptions either go through modification or revocation and reissuance on a regular basis. As activities are added, as additional
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	<pre>recovery.  And so if there were a problem and there were an excursion that isn't expected, but if it were to occur what area would that occur in.  And that's why we have monitoring in the different zones because there would be the concern if there was a lateral loss of hydraulic control that that could migrate vertically.  That was why the wells were installed at the interface between the LBFU and the oxide zone to detect any vertical migrations up.  It's really not just because of the requirement to protect the USDWs above.  But you are I guess vertically still looking within that zone because you wouldn't expect the injectate to get beyond that zone so it wouldn't migrate up.</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	I think the number is closer to 5,000 exemptions based off of the EPA website that is cited in footnote 4 of our response brief. And every one of those permits that is associated with those 5,000 exemptions has to have that basic addition in it and it makes sense that they do. All those permits that are associated with such exemptions either go through modification or revocation and reissuance on a regular basis. As activities are added, as additional wells are installed, as changes are made there's a choice between either a modification or a revocation and reissuance. And the criteria for deciding which one will occur is at 144.38 and 144.39. If there are significant changes to the activity that would be conducted in relation
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	<pre>recovery.     And so if there were a problem and there were an excursion that isn't expected, but if it were to occur what area would that occur in.     And that's why we have monitoring in the different zones because there would be the concern if there was a lateral loss of hydraulic control that that could migrate vertically.     That was why the wells were installed at the interface between the LBFU and the oxide zone to detect any vertical migrations up.     It's really not just because of the area of review, but it's because of the requirement to protect the USDWs above.     But you are I guess vertically still looking within that zone because you wouldn't expect the injectate to get beyond that zone so </pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	I think the number is closer to 5,000 exemptions based off of the EPA website that is cited in footnote 4 of our response brief. And every one of those permits that is associated with those 5,000 exemptions has to have that basic addition in it and it makes sense that they do. All those permits that are associated with such exemptions either go through modification or revocation and reissuance on a regular basis. As activities are added, as additional wells are installed, as changes are made there's a choice between either a modification or a revocation and reissuance. And the criteria for deciding which one will occur is at 144.38 and 144.39. If there are significant changes to

22  $\,$  and where this is occurring any migration down



22 easier to revoke and reissue the permits.

	133		135
1	The question of whether the Board has	1	1997 and you're making the decision to exempt an
2	jurisdiction to revisit a 20-year-old exemption	2	aquifer, and you see that it's got and you
3	is a question that applies not just to this	3	conclude and it's in the record that it has
4	proceeding but to all of those permits that are	4	commercially producible minerals both in the
5	associated with those 5,000 exemptions.	5	oxide zone and in the lower basin fill unit to
6	And those permittees are not in this	6	200 feet you then are faced with the rule that
7	room. And we would caution the Board aside from	7	says will not serve in the future as a source of
8	the fact that the rules don't speak to revocation	8	drinking water.
9	of an exemption, they only speak to granting an	9	If we allow, if we being the Board or
10	exemption.	10	the EPA I should say, if the EPA allows a future
11	Indeed, the perfect place for	11	well to come to the nuisance, Your Honor,
12	inserting a requirement during a modification or	12	essentially, a future well to be placed and
13	revocation and reissuance to revisit the	13	defeat this clause in the rule then it makes that
14	exemption that is associated with the permit, the	14	rule mere surplusage.
15	perfect place to place that would be in 144.38	15	And there's a reason why that rule is
16	and 144.39, in a rulemaking where all 5,000	16	- there that says if it's got commercially
17	exemption stakeholders can participate in a	17	producible minerals in the eyes of the EPA that
18	notice and comment proceeding.	18	determination has been made and it's a technical
19	So there is a policy reason in	19	determination that was made in '97 and it's
20	addition to the rules being silent on the	20	entitled to deference.
21	question for why the Board should be careful	21	If that determination is made then
22	about saying concluding that it has	22	we're going to deem that this water in the future
	134		136
1	jurisdiction to consider an aquifer exemption or	1	will not be used as a source of drinking water.
2	reconsider an aquifer exemption, essentially	2	And there's a good reason for that.
3	reopen it in the context of a permit modification	3	And there's a reason also for construing that
4	or revocation and reissuance.	4	rule that way that's grounded in avoiding
5	JUDGE AVILA: How far do you take that	5	Constitutional issues.
б	argument? Could the towns come in to the EPA	6	The Safe Drinking Water Act grants to
7	Administrator or the region and petition for a	7	the states the decision-making about how to
8	revisiting of the aquifer exemption?	8	prioritize among competing types of uses of their
9	MR. TSIOLIS: No. We take the	9	groundwater.
10	position that once an exemption is issued it	10	The Safe Drinking Water Act, no
11	cannot be revoked or reduced.	11	federal law invades the prerogative of the
12	And there's a good reason for that.	12	states, of the various states, especially in the
13	It's grounded in regulatory construction. If	13	Southwest, the arid southwestern states to decide
14	Your Honors look at 146.4(b). 146.4(b) is one of	14	among, okay, we're going to have certain portions
15	the criteria that needs to be satisfied for	15	of the aquifer be available for use for
		1	

19

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17

22

## And it states that the portion of the

What does that mean? If you're in

18 aquifer that is being considered for exemption 19 cannot now and will not in the future serve as a

16 deciding whether or not an exemption shall lie.

- 20 source of drinking water because it contains
- 21 minerals in commercially producible quantities.

- 18 water source for residential developments.
  - In this case and generally whenever a
- 20 right to use a portion of an aquifer for 21 commercial mineral production is at issue it

16 commercial mineral production, certain portions

17 of the aquifer be available for use as a drinking

22 arises only because the State of Arizona

	137		139
1	Department of Water Resources grants a permit.	1	jurisdiction in the context of a permit
2	And that permit is a vested right that	2	proceeding to revoke an exemption or remand for
3	Florence Copper acquired from BHP. That vested	3	consideration of the scope of the exemption, the
4	right predates any zoning ordinances that were	4	size of the exemption.
5	adopted post hoc by the town of Florence in an	5	And the rule are silent on that. And
6	attempt to preclude and frustrate Asarco's	6	again there's the policy question that all
7	rights.	7	permits associated with the 5,000 exemptions that
8	And if this rule were to be	8	are out there are subject to the requirement to
9	interpreted in a way that it has a running	9	have the basic provision that they prevent
10	revisiting, that the exemption can be revisited	10	injectate and displacement fluids from migrating
11	whenever somebody decides they want to have a	11	outside the boundaries of the exemption.
12	competing use of that water for drinking water	12	So they are all in the same boat and
13	purposes it would invade the prerogative of the	13	would be affected by a remand in this case.
14	states to decide among different types of usage	14	JUDGE AVILA: Nothing further?
15	of groundwater.	15	MR. TSIOLIS: I might correct one
16	The same approach is taken in Wyoming.	16	thing if I may move from the jurisdiction issue
17	The same approach is taken in Texas.	17	to correct some statements that were made by the
18	There's a rule of construction that	18	town of Florence. I'm sure they'll rebut in
19	says, and the case law is they're both Supreme	19	kind.
20	Court cases, 472 US at 680, and 562 US at 204,	20	But there's been statements made in
21	there's a rule of construction that says if	21	the petition and I think also during the oral
22	you've got more than one plausible interpretation	22	argument that this water is the only source of
	138		140
1	138 of a regulation in addition to it applies to	1	140 water that they have.
1 2		1	
	of a regulation in addition to it applies to		water that they have.
2	of a regulation in addition to it applies to both regulations and statutes you choose the one	2	water that they have. I just point a reality out and that is
2 3	of a regulation in addition to it applies to both regulations and statutes you choose the one that avoids the Constitutional problem.	2 3	water that they have. I just point a reality out and that is that the town of Florence gets surface water from
2 3 4	of a regulation in addition to it applies to both regulations and statutes you choose the one that avoids the Constitutional problem. And certainly Florence Copper has	2 3 4	water that they have. I just point a reality out and that is that the town of Florence gets surface water from the Central Arizona Project to the tune of 2,000
2 3 4 5	of a regulation in addition to it applies to both regulations and statutes you choose the one that avoids the Constitutional problem. And certainly Florence Copper has invested significant resources in reliance on the exemption. So the two issues that would be raised under the Constitution would be not only	2 3 4 5	water that they have. I just point a reality out and that is that the town of Florence gets surface water from the Central Arizona Project to the tune of 2,000 acre feet a year.
2 3 4 5 6	of a regulation in addition to it applies to both regulations and statutes you choose the one that avoids the Constitutional problem. And certainly Florence Copper has invested significant resources in reliance on the exemption. So the two issues that would be raised under the Constitution would be not only the Taking Clause of the Fifth Amendment but also	2 3 4 5 6	water that they have. I just point a reality out and that is that the town of Florence gets surface water from the Central Arizona Project to the tune of 2,000 acre feet a year. And what do they do with that water?
2 3 4 5 6 7 8 9	of a regulation in addition to it applies to both regulations and statutes you choose the one that avoids the Constitutional problem. And certainly Florence Copper has invested significant resources in reliance on the exemption. So the two issues that would be raised under the Constitution would be not only	2 3 4 5 6 7	<pre>water that they have.</pre>
2 3 4 5 6 7 8 9 10	of a regulation in addition to it applies to both regulations and statutes you choose the one that avoids the Constitutional problem. And certainly Florence Copper has invested significant resources in reliance on the exemption. So the two issues that would be raised under the Constitution would be not only the Taking Clause of the Fifth Amendment but also federalism under the Tenth Amendment. You avoid all that by holding that an	2 3 4 5 6 7 8 9 10	<pre>water that they have. I just point a reality out and that is that the town of Florence gets surface water from the Central Arizona Project to the tune of 2,000 acre feet a year. And what do they do with that water? They inject it into the ground and under Arizona's law they get credits and they sell those credits to a third party. And then they turn around and say that</pre>
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2 3 4 5 6 7 8 9 10 11 12 13 14	of a regulation in addition to it applies to both regulations and statutes you choose the one that avoids the Constitutional problem. And certainly Florence Copper has invested significant resources in reliance on the exemption. So the two issues that would be raised under the Constitution would be not only the Taking Clause of the Fifth Amendment but also federalism under the Tenth Amendment. You avoid all that by holding that an exemption once it is issued and at least relied upon just once it is issued, but at least one that is relied upon to the extent it has been cannot be revoked and cannot be reduced.	2 3 4 5 6 7 8 9 10 11 12 13 14	<pre>water that they have.     I just point a reality out and that is     that the town of Florence gets surface water from     the Central Arizona Project to the tune of 2,000     acre feet a year.         And what do they do with that water?     They inject it into the ground and under     Arizona's law they get credits and they sell     those credits to a third party.         And then they turn around and say that     oh no, this is going to imperil our precious     drinking water supplies.         They also make a statement in their     petition at page 16 that their total water need</pre>
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	of a regulation in addition to it applies to both regulations and statutes you choose the one that avoids the Constitutional problem. And certainly Florence Copper has invested significant resources in reliance on the exemption. So the two issues that would be raised under the Constitution would be not only the Taking Clause of the Fifth Amendment but also federalism under the Tenth Amendment. You avoid all that by holding that an exemption once it is issued and at least relied upon just once it is issued, but at least one that is relied upon to the extent it has been cannot be revoked and cannot be reduced. I'm just telegraphing what Florence Copper's position would be if Region 9 is ever	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	<pre>water that they have.     I just point a reality out and that is     that the town of Florence gets surface water from     the Central Arizona Project to the tune of 2,000     acre feet a year.         And what do they do with that water?     They inject it into the ground and under     Arizona's law they get credits and they sell     those credits to a third party.         And then they turn around and say that     oh no, this is going to imperil our precious     drinking water supplies.         They also make a statement in their     petition at page 16 that their total water need     through 2025 is 33,000 acre feet a year.         That is not what they told the Arizona </pre>
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say hysteria, but exaggeration about the effect
 of the importance of water to the town of
 Florence.

4 But they certainly have other sources 5 available to them. And in the meantime the State of Arizona has decided that this portion of the 6 7 aquifer, Florence Copper has a permitted right to 8 use it for mineral extraction and under Arizona 9 law once you have that permitted right the State 10 of Arizona does not grant permit rights to 11 withdraw water that will interfere with that 12 right

JUDGE WARD: Could I ask a question
about something that the town and Southwest Value
Partners raised in their petition? It's at page
25.

And they reference the Arizona
 Department of Environmental Quality's permit
 which they're describing as prohibiting Florence
 Copper from allowing any contaminants into the
 lower basin fill unit.

22 And so how does that -- I'm just

1	properly the Board's consideration of whether
2	it's got jurisdiction to consider the exemption
3	as part of a permit proceeding I think the answer
4	is no. But I think that answers the question and
5	I apologize for not knowing the answer earlier.
6	But the APP serves a completely
7	different purpose. The APP's purpose is to
8	prevent a violation of Arizona's aquifer water
9	quality standards.
10	And the ADQ in its wisdom decided that
11	it would be inappropriate for injectates to
12	migrate out of the oxide zone into the LBFU.
13	That was their decision. It was their
14	technical decision based on policy reasons that
15	I'm not privy to. I don't know why, but that's
16	what they decided.
17	What happens under this permit is you
18	have the 200 feet above the oxide zone, the 200 $$
19	feet at the lower basin fill unit being part of
20	the cone of depression that happens when you

the cone of depression that happens when you withdraw water from within the oxide zone.

So that cone of depression aside from

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interested in hearing from you does that constrain what you can do in terms of operations at this site? MR. TSIOLIS: Yes, Your Honor. This kind of is related to the question that was asked earlier about why did Florence Copper apply for a smaller zone to begin with.

8 My colleague Rita Maguire educated me 9 on the reason for that so I'll answer that and 10 then I'll answer your question, Your Honor.

And that is because under the aquifer protection permits the ADQ is only allowing as Your Honor stated what's called the process management area to be up to the limits of the social zone and not include the lower basin fill unit.

So Florence Copper, the staff who
applied for the permit modification and
ultimately for the permit revocation and
reissuance thought that it would be appropriate
to be consistent.

Whether that thinking process informs

1 the fact that the EPA, that Region 9 did, Your 2 Honor, find that the LBFU has mineralization capable of production in commercial quantities 3 4 and I'll cite that. It's the response to comment 5 17 says the LBFU and the highly fractured ore б body are directly connected hydrologically. 7 A commercially producible quantity of copper is present within the aquifer that is 8 comprised of both the ore body and portions of 9 10 the LBFU. And they cite in support for that 11 statement to the 1997 record. That decision was made 20 years old. 12 13 It's entitled to technical deference. 14 But the reality is aside from that 15 finding that was made in 1997 is that you have 16 this cone of depression by withdrawing water from 17 the oxide zone that reaches into the LBFU. 18 And you need to include for that

19 reason as well that portion of the LBFU within 20 the exempted zone because if you don't do that 21 and somebody else then comes and puts a well in 22 that includes that portion that would be within

(202) 234-4433

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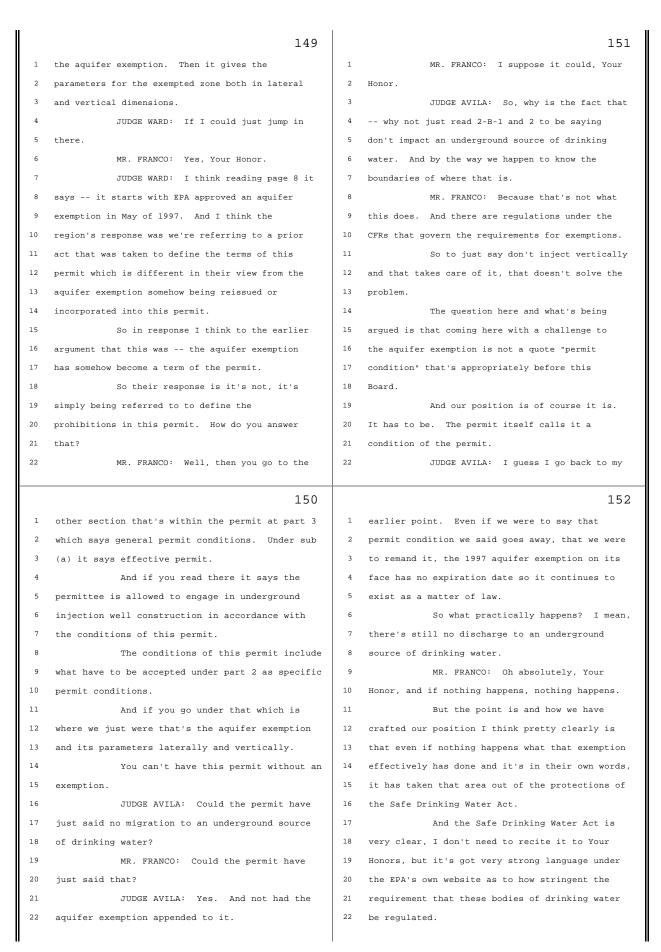
5 6

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## 145

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1	the cone of depression within their drawdown then	1	pertains to exemptions.
2	you have you sacrifice the ability of full	2	Of this title, or secondly, the
3	scale commercial production in the future in the	3	requirements of any schedule prescribed for a
4	pilot test that's leading now to establish that	4	variance or exemption under such section or the
5	110 percent control where they're withdrawing 10	5	failure to prescribe such a schedule.
6	percent more than they're injecting.	6	Such an action may only be brought
7	I don't think it should be lost on	7	upon a petition for review filed within the court
8	everybody here that this is a pilot test project.	8	within the 45-day period beginning on the date
9	Region 9 in its wisdom and I think they made the	9	the action sought to be reviewed is taken.
10	right call decided not to go the way of BFP.	10	And then it continues. Here's the
11		11	
	BFP was going to proceed based solely		problem. And we heard it from counsel in
12	on modeling directly to or predominantly on	12	response to the question of the Board confirming
13	modeling directly to commercial production.	13	that the date that action was taken would have
14	Region 9 in its correct wisdom	14	been 1997 when this aquifer exemption was
15	decided, you know what? The next step is to	15	authorized.
16	gather empirical data so by the time of	16	None of these folks were around in
17	commercial production permitting we know best how	17	1997. Not the population that lives there, not
18	to optimize the conditions for control and	18	the town, not the investors, not the developers.
19	capture, and the prevention of migration of	19	There was no way for that action under this
20	fluids, of injectate and displacement fluids into	20	provision to take us to district court to be done
21	the non-exempt zone.	21	within 45 days.
22	JUDGE AVILA: Thank you very much.	22	Which creates a problem when you've
	146		148
1	146 Mr. Franco, we'll give you your five minutes of	1	148 got an exemption that has no expiration. Is that
1 2		1 2	-
	Mr. Franco, we'll give you your five minutes of		got an exemption that has no expiration. Is that
2	Mr. Franco, we'll give you your five minutes of rebuttal.	2	got an exemption that has no expiration. Is that legally valid? Absolutely.
2 3	<pre>Mr. Franco, we'll give you your five minutes of rebuttal. MR. FRANCO: I'm going to try to go in</pre>	2 3	got an exemption that has no expiration. Is that legally valid? Absolutely. But does that mean that it exists
2 3 4	<pre>Mr. Franco, we'll give you your five minutes of rebuttal. MR. FRANCO: I'm going to try to go in clip fashion through the points that were raised.</pre>	2 3 4	got an exemption that has no expiration. Is that legally valid? Absolutely. But does that mean that it exists forever without modification? It can't possibly
2 3 4 5	<pre>Mr. Franco, we'll give you your five minutes of rebuttal. MR. FRANCO: I'm going to try to go in clip fashion through the points that were raised. First by the counsel for R9.</pre>	2 3 4 5	got an exemption that has no expiration. Is that legally valid? Absolutely. But does that mean that it exists forever without modification? It can't possibly because of the changed conditions that have to be
2 3 4 5 6	<pre>Mr. Franco, we'll give you your five minutes of rebuttal.</pre>	2 3 4 5 6	got an exemption that has no expiration. Is that legally valid? Absolutely. But does that mean that it exists forever without modification? It can't possibly because of the changed conditions that have to be evaluated as time passes. That's number one.
2 3 4 5 6 7	<pre>Mr. Franco, we'll give you your five minutes of rebuttal.</pre>	2 3 4 5 6 7	got an exemption that has no expiration. Is that legally valid? Absolutely. But does that mean that it exists forever without modification? It can't possibly because of the changed conditions that have to be evaluated as time passes. That's number one. As to permit condition there's a
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Mr. Franco, we'll give you your five minutes of rebuttal. MR. FRANCO: I'm going to try to go in clip fashion through the points that were raised. First by the counsel for R9. Let me begin with judicial review. And the point I'd like to make there Your Honors is the following. Clearly the Board is concerned whether or not this is the right place for this matter. I'm going to read to the Board Title 42 at 300J-7 judicial review sub B. District court's petition for review actions respecting variances or exemptions. Filing period, grounds rising after expiration of filing period, excessiveness of remedy. That's the title. And here's the provision. The U.S. district courts shall have jurisdiction of actions brought to review, number one, the granting of or the refusing to grant a variance or exemption under Section 300G-4 or	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	got an exemption that has no expiration. Is that legally valid? Absolutely. But does that mean that it exists forever without modification? It can't possibly because of the changed conditions that have to be evaluated as time passes. That's number one. As to permit condition there's a strong argument being made that this is an aquifer exemption. It stands alone. It's not part of it's not a permit condition for there's a the permit itself at two sections. Define the original 1997 permit but in the final permit that was granted to FCI subsequently. So it's the exact same designation that says part 2 specific permit conditions. And then it provides two sections. (A) the area permit. And we've talked about the different areas involved in this.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	<pre>Mr. Franco, we'll give you your five minutes of rebuttal. MR. FRANCO: I'm going to try to go in clip fashion through the points that were raised. First by the counsel for R9. Let me begin with judicial review. And the point I'd like to make there Your Honors is the following. Clearly the Board is concerned whether or not this is the right place for this matter. I'm going to read to the Board Title 42 at 300J-7 judicial review sub B. District court's petition for review actions respecting variances or exemptions. Filing period, grounds rising after expiration of filing period, excessiveness of remedy. That's the title. And here's the provision. The U.S. district courts shall have jurisdiction of actions brought to review, number one, the granting of or the refusing to grant a</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	got an exemption that has no expiration. Is that legally valid? Absolutely. But does that mean that it exists forever without modification? It can't possibly because of the changed conditions that have to be evaluated as time passes. That's number one. As to permit condition there's a strong argument being made that this is an aquifer exemption. It stands alone. It's not part of it's not a permit condition for determination by this Board. The permit itself at two sections. That's the title. And that title appears not just in the original 1997 permit but in the final permit that was granted to FCI subsequently. So it's the exact same designation that says part 2 specific permit conditions. And then it provides two sections of discussion. (A) the area permit. And we've talked



	153		155
1	JUDGE AVILA: I guess what I'm saying	1	If a party, a commenter argued well
2	is even if we get rid of if you got rid of the	2	those regulations are very old, you really should
3	two permit terms you identified the 1997 aquifer	3	have revisited those before issuing the permit,
4	exemption would still exist. Right? In the real	4	generally speaking the agency would not at least
5	world.	5	in that proceeding.
б	MR. FRANCO: Yes, as a document.	6	And that proceeding wouldn't be a
7	JUDGE AVILA: And so it still would	7	basis for challenging the agency's decision, the
8	not be a protected underground source of drinking	8	fact that they didn't or haven't revisited those
9	water under the Safe Drinking Water Act because	9	regulations.
10	it's an exempted aquifer.	10	It seems to me your efforts to
11	MR. FRANCO: I'm not sure I understand	11	challenge the aquifer exemption are more like
12	that but I don't think I agree with it either.	12	that. Why isn't it?
13	JUDGE AVILA: I guess you don't, but	13	MR. FRANCO: Why? Because the EPA
14	that's all right.	14	through its R9 officials demonstrated that they
15	JUDGE WARD: Could I follow up on that	15	could exercise discretion in revising the aquifer
16	- line of thinking because I think in that same	16	exemption.
17	condition 2-B on page 9 there's a proviso that	17	They specifically wrote to them
18	this is paragraph 2.	18	requesting that revision which was submitted by
19	MR. FRANCO: I'm sorry, Your Honor?	19	FCI with the proposed aquifer exemption that
20	JUDGE WARD: Paragraph 3. This is B-	20	brought it down.
21	3.	21	It brought the 1997 parameters that
22	MR. FRANCO: Are you in our petition?	22	are so expansive, it brought it down to the area
	154		156
1	JUDGE WARD: No, on the permit. I'm	1	$$156\]$ of the PTF including that 500 foot buffer zone.
1 2	-	1	
	JUDGE WARD: No, on the permit. I'm		of the PTF including that 500 foot buffer zone.
2 3 4	JUDGE WARD: No, on the permit. I'm sorry if I misspoke. MR. FRANCO: Oh, you're in the permit. JUDGE WARD: At page 9-B-3. And it	2	of the PTF including that 500 foot buffer zone. And that's all they asked for, or
2 3	JUDGE WARD: No, on the permit. I'm sorry if I misspoke. MR. FRANCO: Oh, you're in the permit. JUDGE WARD: At page 9-B-3. And it talks about needing to restore permittee shall	2 3	of the PTF including that 500 foot buffer zone. And that's all they asked for, or wanted, or needed for the PTF as phase one of
2 3 4 5 6	JUDGE WARD: No, on the permit. I'm sorry if I misspoke. MR. FRANCO: Oh, you're in the permit. JUDGE WARD: At page 9-B-3. And it talks about needing to restore permittee shall adequately protect underground sources of	2 3 4 5 6	of the PTF including that 500 foot buffer zone. And that's all they asked for, or wanted, or needed for the PTF as phase one of their eventual apparently commercial scale project. Now, we've heard on that note, let me
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2 3 4 5 6 7 8 9	JUDGE WARD: No, on the permit. I'm sorry if I misspoke. MR. FRANCO: Oh, you're in the permit. JUDGE WARD: At page 9-B-3. And it talks about needing to restore permittee shall adequately protect underground sources of drinking water by commencing and I'm just paraphrasing a little bit here restoration of groundwater to primary maximum contaminant levels	2 3 4 5 6 7 8 9	of the PTF including that 500 foot buffer zone. And that's all they asked for, or wanted, or needed for the PTF as phase one of their eventual apparently commercial scale project. Now, we've heard on that note, let me just jump to that point in rebuttal, we heard that it couldn't have been more clearly presented that this is all part of a subsequent larger
2 3 4 5 6 7 8 9 10	JUDGE WARD: No, on the permit. I'm sorry if I misspoke. MR. FRANCO: Oh, you're in the permit. JUDGE WARD: At page 9-B-3. And it talks about needing to restore permittee shall adequately protect underground sources of drinking water by commencing and I'm just paraphrasing a little bit here restoration of groundwater to primary maximum contaminant levels under 40 CFR Part 141.	2 3 4 5 6 7 8 9 10	of the PTF including that 500 foot buffer zone. And that's all they asked for, or wanted, or needed for the PTF as phase one of their eventual apparently commercial scale project. Now, we've heard on that note, let me just jump to that point in rebuttal, we heard that it couldn't have been more clearly presented that this is all part of a subsequent larger scale commercial project.
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	157		159
1	area out of regulation under the Safe Drinking	1	transfer the permit to you.
2	Water Act.	2	They're specifically telling them
3	And it would remain like that ad	3	that's what we can do, and that's in fact what
4	infinitum in violation of that act that says it	4	they did here with the new permit.
5	shall be regulated.	5	There was a representation made that
6	JUDGE AVILA: Didn't that exist before	6	we've taken the position that this is the only
7	FCI applied for a permit?	7	source of drinking water for this area.
8	MR. FRANCO: Absolutely.	8	That's not our position. We have not
9	JUDGE AVILA: So the fact that there	9	said that.
10	was a permit application changes how the state of	10	What our position is is that this is
11	affairs under the 1997 aquifer exemption how	11	the primary source of drinking water for that
12	things existed?	12	heavily populated area that you saw in that
13	I mean, suppose there were no FCI	13	colored map. It's the primary. Are there
14	application. Wouldn't today that whole 1997	14	others? Sure. How they play into this we're not
15	aquifer exemption would be legally valid and that	15	prepared to really address, but the point is that
16	would not be protected by the Safe Drinking Water	16	they've got and they had the submittal and this
17	Act?	17	will be at attachment 13 to our petition from the
18	MR. FRANCO: I'm not sure it would be	18	Southwestern again, I don't remember their
19	legally valid, Your Honor. It would be	19	name, but the letter is there as an attachment to
20	JUDGE AVILA: It would be in	20	the Dickinson Wright Law Firm's letter submitting
21	existence.	21	it by the engineer that did that study and gave
22	MR. FRANCO: It would be in existence,	22	all the reasons why this is and this LBFU is the
	158		160
1	of course. But that's the point, that before	1	primary source of drinking water, not the sole.
2	Southwest Value Partners come along, or the town	2	JUDGE AVILA: Okay, your time's up.
3	of Florence populates, or anybody intending to go	3	MR. FRANCO: Thank you very much.
4	inject contaminants come along, yes, that's	4	JUDGE AVILA: Thank you very much. I
5	it's a document that has no real impact until it	5	want to thank everyone for all their time and
6	does.	6	preparation and very helpful and useful oral
7	And when it does we've covered the	7	argument. And we stand adjourned.
8	regulations that say you've got to follow	8	(Whereupon, the above-entitled matter
9	criteria for it. And they themselves asked for	9	went off the record at $3:51 \text{ p.m.}$ )
10	it.	10	

10 I know because of questions and 11 12 answers, am I finished? 12 JUDGE AVILA: I'll give you one minute 13 14 14 to finish up. MR. FRANCO: Let me figure out which 15 16 16 one of these points I'd like to make then. 17 The comment was made that the 18 exemption cannot be revoked or reissued. 18 19 Frankly, I don't understand that. 19 To the extent that that is the case 20 then why did R9 write that letter to FCI saying 21 22 we'd rather revoke and reissue as opposed to just 22

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Α Aaron 1:17 5:10 abandoned 29:9,10 abbreviations 8:19 abeyance 63:4 65:13 ability 43:3 49:18 107:3 145:2 able 5:19 34:15,20 117:12 above-entitled 1:14 111:2 160:8 absolutely 61:9 148:2 152:9 157:8 abundance 119:10 accept 156:12 accepted 150:9 accompanying 9:8 account 37:8 131:11 achieved 126:4 acid 20:9 28:15 acknowledge 35:1,7 90:4 115:20 acknowledged 44:9 103:2 acknowledging 93:14 94:22 119:16 acknowledgment 45:10 128:17 acquired 137:3 acre 105:5 140:5,15 acres 80:19 103:18 act 30:21 49:5 51:9 52:13 82:12 83:10 105:7 107:21 108:5 108:13 111:16 112:12 112:14,21 113:3 117:10 118:2 123:19 126:3,7 128:9 136:6 136:10 149:11 152:16 152:17 153:9 157:2,4 157:17 action 52:10,18,22 53:5 54:3,5,13 111:17 112:15,15 147:6,9,13 147:19 actions 128:5 146:14 146:19 active 23:22 36:10 44:8 activities 97:1 132:12 activity 21:2 103:17 104:7 107:1 132:19 actual 117:20 ad 157:3 add 42:20 45:7 added 13:5 31:22 32:7 33:11 34:3 132:12 adding 61:14 addition 17:15 32:18

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