1	BEFORE THE
2	REGULATORY ENERGY REGULATORY COMMISSION
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4	x
5	IN THE MATTER OF: : Docket Nos.
6	INTEGRATED LICENSING PROCESS : AD05-6-000
7	x
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9	Commission Meeting Room
10	Federal Energy Regulatory
11	Commission
12	888 First Street, NE
13	Washington, DC 20426
14	
15	Wednesday, June 22, 2005
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17	The above-entitled matter came on for
18	workshop, pursuant to notice, at 11:05 a.m.
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21	BEFORE: DAVID A. TURNER, FERC
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1	PROCEEDINGS
2	(11:05 a.m.)
3	MR. TURNER: Good morning. Welcome to the
4	Commission's panel on effectiveness. I want to make sure
5	everybody's signed in. If you haven't, before you leave,
6	please do so. We had a handout which should include today's
7	presentation or a copy of the slides for today's
8	presentation and an evaluation form for the workshop.
9	(Audible noise was heard.)
10	MR. TURNER: I'm sorry, the folks in the region
11	and on the telephone line, when you're not being asked or
12	you want to ask a question, please mute your telephone line
13	or don't speak, because we're hearing you come across and we
14	don't know if you're trying to ask a question or not.
15	Before we get started, I want to just introduce
16	our ILP coordinators we also have here in the audience. We
17	have Steve Hocking, who's coordinating the Mystic Lake
18	project, Janet Hutzel, who's coordinating the Morgan Falls,
19	Kristen Murphy, who's working on Canaan, Alan Creamer that's
20	working on Smith Mountain, Susan O'Brien on PG&E's DeSabla,
21	and Ken Hogan, our technical expert here too today working
22	on Canaan. So welcome.
23	Also, we're going to be oh, and Liz. I'm
24	sorry, Liz. Our Office of General Counsel has been working
25	on the IOP rulemaking and all the way up through and

1 following these things closely as well.

We've also got with us today Anna West and a team of her folks, Christine Kanelli and Stephanie Obeita, which will be handing out our mikes. So when you get ready to talk, you'll need to speak into the microphones so that the Court Reporter can pick that up, as well as the folks in the region to hear you. Anna's gonna facilitate today's conference after I get through going over some of the agenda and the objectives and the introductions part.

We also have a number of folks who have agreed to participate on panel discussions, and we want to thank those for taking the time out of their busy schedules to do so.

We're sure we'll all gain some great insights from that.

They're here on the phone and in person, so we'll have to keep this kind of a structured type of meeting, and I'll get into that in a little bit.

As most of you know, we agreed when we passed the rule to monitor the effectiveness of the ILP. We're keeping track of the time and the cost. But as we get closer to the date that this thing becomes a default process -- which all of you know is July 23rd of this year, we thought now was also a good time to get feedback from you as to what's working and what's not working so well and what we might do better to help the future ILP projects.

So today's conference is basically a culmination

of a number of initiatives that we've taken over the course of the last six months, more likely last two or three months, or it seems like. We contracted with Kerns and West to conduct some interviews with the pioneer projects, the participants in those projects, and to ask their views on what's working well and what's not working well.

So today's conference, we're gonna have Kerns and West share some of the results of those interviews, as well as three bisector teleconferences that were conducted with applicants, in one conference NGOs in another and -- I'm sorry, applicants in one, NGOs in another, and agencies and tribes in another teleconference.

We also held four regional workshops during a week in June and we're gonna -- we've summarized some of that. We're going to put a number of the points that were raised, at least some of the key points that we thought were good ideas about how to work within the existing regulations to make the next future projects work better. We're gonna share some of those thoughts and we want to continue with that by, at today's conference, digging into those things a little bit deeper.

Again, this is going to need to be a little bit structured. We've got a full day and a lot of topics to cover. If you were involved in regions, you see a similarity in the format. We've broken the initial stages

of the Integrated Licensing Process into three basic topics:

PAD and process plan, scoping and study plan development.

Anna's gonna facilitate a discussion where we'll introduce some of the things we heard about each one of those topics. Then she'll ask our panel that has agreed to participate -- and I'll let her introduce those panel members as they come forward for their topics. She'll ask them a couple of questions and then we'll turn it to the audience. We're gonna go from the -- because we're on the conference call and videoconferencing and a number of other things, we're going to do this a little more structured. We're going to go to the audience first here in the Commission meeting room, answer your questions and get your feedback, then we're going to go to the regional offices in alphabetical order: Atlanta, Chicago, New York, San Francisco, and Portland, and then we're gonna go to the rest of the participants that are on the phone.

Please be sure again to mute your phones if you're not talking and to speak into it and speak loudly when you do. And say your name and who you're affiliated with so the Court Reporter can get that for our proceeding as well. We'll take a break for a half-hour at lunch starting at 12:30. Then at 1:00, we need to return promptly and begin talking about the study plan development process.

We've added a fourth topic here, which is

Τ	basically a broad overview about some of the general things
2	we've learned and gotten feedback on in those conversations,
3	too. So that will be kind of the beginning of our wrap-up
4	and I'll try to complete things about 2:45 with the next
5	steps of or what you can expect in the future from the
6	Commission.
7	So just to kind of recap, Anna will start off
8	with a review of what Kerns and West heard during the
9	interviews, the focus group discussions, and then we'll turn
10	to the audience here for questions, and then we'll go to the
11	regions, and then we'll go to the folks on the telephone
12	line.
13	Any questions? Any questions from the regions?
14	(No response.)
15	MR. TURNER: I suppose silence means a no. And
16	anybody on the phone lines got any questions?
17	MR. NUESTIFTER: I have one question. Bob
18	Nuestifter with Consumers Energy Company. Earlier on you
19	mentioned slides
20	MR. TURNER: Yeah, unfortunately you guys on the
21	telephone lines are not going to have a copy of the slides.
22	We'll have to kind of describe them as we go through. Right
23	now, for instance, we're looking at the agenda.
24	MR. NEUSTIFF: Okay. I was just wondering could
25	copies of them be posted after?

- 1 MR. TURNER: Yes.
- 2 MR. NEUSTIFF: Okay. Thank you.
- MR. TURNER: On the Commission's calendar, there
- 4 will be a copy of the slides I think.
- 5 MR. NEUSTIFF: Okay. Thank you.
- 6 VOICE: One more question. When we take a break
- for lunch, do we hang up and then redial?
- MR. TURNER: Excuse me, we've gotta have your
- 9 name and affiliation for the Court Reporter.
- 10 MS. NELSON: I'm sorry, Bea Malson, Tribal,
- 11 Vermont.

- 12 MR. TURNER: Okay. So your question again,
- 13 please? I missed it.
- MS. MALSON: When you break for lunch, do we hang
- up and redial or do we hang onto the phone?
- 16 MR. TURNER: I would hang on to the phone. You
- 17 could hang up, but it's just easier if you stay on line.
- MS. MALSON: Okay. Thank you.
- 19 MR. TURNER: Anything else from outside?
- 20 (No response.)
- 21 MR. TURNER: Okay. With that, I'll turn it over
- 22 to Anna to talk about the ground rules.
- MS. WEST: Thanks, David. Thank you everyone.
- 24 And I hope this is going to work. We're trying to
- 25 coordinate all across the country with all kinds of

technology, but I certainly appreciate everybody's
participation.

In one of our regional workshops last week, I was reminded of having a sense of humor, so I'm going to go through our serious ground rules, but then also suggest some ways we're going to have some fun today. So the serious ground rules: If you could please, as we already said, state your name and affiliation before speaking, and that's so we can get it on the Court Reporter's record, but also so we know in the room who's participating.

Those in the room wait for a microphone here. If you're on the phone, speak clearly into the microphone you're speaking from so we can hear you.

Same as the regional workshops, we really want to focus on a programmatic level of discussion about the ILP and I will reinforce this ground rule if I have to, but I really don't want to. This should be a session looking forward on recommendations based on our experiences from the ILP pioneers on suggestions for improved practices for the next round of ILPs. So if you could have forward-looking recommendations, that would be great. And you're drawing on your current experiences to inform what we're recommending for the future.

Depersonalize discussions on issues. No personal attacks, no organizational attacks, all those good things.

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1 We're going to be on excellent behavior today.

2 Again, be forward looking, focus on solutions.

And, if you haven't already, if you could turn

4 off your cell phones so that's not interrupting us.

So that's the serious part. Now for a little bit of fun, David, I don't know if the folks can see me, but you might remember some of us a while ago used these hats in a fun forum where I was -- I was the moderator of that session and we had the different entities from a hydro operator, a tribe, a resource agency wear a different hat and take on each other's roles, and it was kind of fun so we thought we'd bring the hats back.

Now today the actual hats are going to be representing your own sector and they're especially good for those who are joining us on the phone, so we have a little hat here in your absence because we don't have you in person so we can share that.

And for those of you who remember what we fondly called Hell Week, which was the first drafting session where the stakeholders came to provide input to FERC on the development of the rule, there was a special candy bar that Richard Roos-Collins found that one of his colleagues brought. It happens to be called FERC Lover.

So the fun we're going to have today is that all our panelists, even those of you on the phone, we're going

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1 to mail them to you in thanks for your participation. 2 then the extra kicker is for everybody who asks a good 3 question, we give you a candy bar. If it's a bad question, 4 we're going to take your candy bar away. 5 (Laughter.) 6 MS. WEST: So let's have some fun with it today. 7 And, of course, all the FERC project managers, we want you 8 to get a candy bar, too. 9 All right. As David mentioned, the agenda is really divided into four sections and first off is the PAD 10 11 document and process plan. So, as David mentioned, I'll go through a few slides capturing what was covered from what 12 13 we've heard so far through the interviews, the 14 teleconferences, and the workshops, and then I'll have some 15 questions for our panelists who I'll introduce, and then we'll open it up for questions. 16 17 Here's the candy bar, folks, FERC Lovers. Oh, you can't even read it. Oh well. 18 19 All right. So I'll quickly roll through some of 20 these slides and for those of you on the phone, hopefully 21 you'll get the points even though you don't have them in 22 front of you. All right. So some general feedback we've gotten 23 24 about the PAD and the process plan. Everybody encourages

that we invite FERC to participate in any pre-NOI and PAD

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people early on.

activities, trainings, workshops, things people choose to do. Pretty strongly we heard that early preparation and communications are really keys to the success of the ILP and that we encourage casting a wide net for stakeholders, make sure you reach out as far as you can to make sure that those who might be interested or don't even know they have an interest in the process, have an opportunity to be engaged. On PAD preparation: an organized, welldeveloped, and user-friendly PAD is crucial to getting the process off to the right start. And the time you need to develop the PAD really depends on a number of variables, and we'll get into this in some of the questions, but things we were hearing were it depends on the complexity and extent of the resource issues associated with the project, the complexity of the project itself, how many stakeholders are involved, that really helps to inform your decisions about how much time you need to include for preparation of the PAD. Some have suggested that a PAD questionnaire is a useful tool, sending out a PAD in advance to ask people to identify existing information, identify potential issues and studies is really helpful. It's a useful way to engage

And a new idea we heard in the workshops was the applicant might consider including in the questionnaire a

1 list of the existing information they already have so that 2 new information could be identified but that the 3 stakeholders don't have to repeat everything that the 4 licensee might already know about. 5 Another theme we heard, emphasize the inclusion 6 of all "existing, relevant, and reasonably available 7 information in the PAD." And in some cases, not all, some 8 were suggesting that the applicant may consider doing some 9 studies ahead of the PAD, and that again is a topic for conversation, but it kind of depends on existing information 10 11 that you already have and you likely wouldn't want to do that if it might be a controversial study. So it might be 12 13 the easier presence, absence, or monitoring data collection 14 that you might consider. 15 All have suggested considering structuring the PAD like an EA document -- and I should go back. If you 16 17 choose to do earlier studies, people recommend that you talk 18 to agencies and stakeholders about it, so they're aware of 19 the methodology and have some buy-in in what you're choosing 20 to do. The more detail in the PAD, the greater its 21 22 utility and the more efficient the study plan discussion

should be; it's not a guarantee, but that's what people are

recommending. So we'll also get into this in a little bit,

but putting in the detail can help.

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1	The process plan is most helpful when it's
2	developed with buy-in by all the participants and it
3	integrates the other regulatory processes. So we'll also
4	have questions addressing this.
5	Communications: a positive, energetic, open
6	attitude by everyone really helps create a more efficient
7	quality process. So be open, respect each other's
8	interests, really want to listen to each other and be
9	positive about it and get things on the right course.
10	Having established relationships or establishing good
11	relationships before filing the PAD can be helpful.
12	Pre-NOI outreach meetings can help get the
13	process off to the right start. And a project website is a
14	helpful way to access information for all involved.
15	One more, then on to questions. Another aspect
16	of communications: clearly establishing a distribution
17	protocol up front is very helpful. And people mentioned
18	that don't trust that e-mail is necessarily getting there.
19	If you're sending attachments with big documents, it's good
20	to check because sometimes they don't go through and so
21	people haven't received it when you think you sent it. And
22	some are recommending a communications protocol in addition
23	to a distribution protocol.
24	So that's it for the overview, let me now
25	introduce our panelists, many of who are on the phone with
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- 1 us. Thank you for joining.
- 2 First on my right with the hydro operator hat, we
- 3 have Frank Simms, who made it just under the wire from AEP
- 4 and the Smith Mountain project. Lauri Vigue, I think you're
- on the phone from Washington Department of Fish and
- 6 Wildlife, is that right?
- 7 MS. VIGUE: Yes.
- MS. WEST: Thanks.
- 9 And Liz Hatzenbuehler, did I hear you from the
- 10 Nature Conservancy?

- MS. HATZENBUEHLER: Yes.
- MS. WEST: Welcome.
- 13 And Bea Nelson, I think I heard you, from the
- 14 Alnobak Heritage Preservation Center, right?
- MS. NELSON: Yes, Tribal.
- MS. WEST: Tribal. Thank you.
- 17 So thanks, folks, for joining us. So I'll ask
- 18 our folks, our panelists, some questions and then open it up
- 19 to the various audiences for you to ask questions. So while
- I'm asking, be thinking of the questions you have.
- 21 Okay. This one -- the thought was I wasn't going
- 22 to ask everybody all the questions so we'd save more time
- 23 for the audience interaction. So the first question I'd
- like to ask of Frank, Lauri, and Bea. Here we go: what is
- 25 a PAD supposed to look like? Is it an EA? How would you --

and also, how would you make it user-friendly and 1 2 accessible? So maybe since Frank traveled all the way here, 3 we'll give him the first one up. 4 MR. SIMMS: Well, if I understand right, if you 5 have a bad question you give the candy back, so I'm going to 6 hedge my bets on my answer. 7 (Laughter.) 8 The way we looked at how a PAD should MR. SIMMS: 9 look is we followed the format that's in the guidelines. 10 Essentially we had a lot of new people -- or people who were new to FERC process and they were looking at the guidelines 11 as to the subject. And we though if we followed that and 12 13 made it work together that it would make it a little easier 14 for them to follow. 15 The other way we made it a little more user-16 friendly and maybe a little more accessible was that we had 17 the time that we could prepare a draft PAD. And when that 18 draft PAD went out, we definitely got comments as to the 19 content of the PAD, even as to how it read and how could you 20 make it a little easier to use. Even in that, we had the FERC review that draft PAD so they could give us some 21 22 direction as to how it would be easier for them to look at the information also. 23 24 How do you make it user-friendly and accessible? 25 I think one of the best things that we did was probably set

up a website and on that website the PAD -- or draft PAD was even placed on that website.

3 MS. WEST: Okay. Thanks.

4 Lauri, are you with us?

MS. VIGUE: Yes. It should be a comprehensive summary of known natural resources in the vicinity of the project, like a bibliography. It should contain unbiased data. Applicants shouldn't hide potential project data information. And it should not make premature judgments on resource impacts or rule out studies.

The Packwood project, which I'm involved with, they didn't do a draft PAD, so we didn't have a chance to comment on a draft, which would have been really helpful. Because it did not contain a lot of resource information from our agency, as well as the Forest Service, which is the major landowner in the area.

MS. WEST: Okay. Thanks for your suggestions.

MS. NELSON: Yes. I agree pretty much with Lauri that a draft PAD was very helpful. I only act as a consultant for historic property and cultural resources, and with the draft PAD you get an intention of what they want to accomplish, what area is going to be affected, and it helps me to pinpoint my comments. And also to see how much research or how much contact they've made about the prehistory and the history of the area.

1	MS. WEST: You both both Lauri and Bea do
2	you have recommendations about what makes things user-
3	friendly and accessible, what's a good one look like or what
4	would you recommend? Is it summaries of things, is it the
5	way it's written?
6	MS. NELSON: A little bit of both for me. It's
7	kind of I'm more interested in like the area of potential
8	effect and the surrounding areas to see if there is any
9	potential controversy or potential studies that need to
10	be done.
11	MS. WEST: Okay. Lauri, do you have anything to
12	add?
13	MS. VIGUE: I would agree. I mean, I've only
14	seen one PAD so it's kind of it would be nice to be able
15	to see different versions to see which one would work. I
16	guess an EA draft outline would be effective that way; it
17	would probably pick up all the resource issues.
18	MS. WEST: All right. We'll go on to the next
19	question. This is for Frank and Liz thank you for
20	patiently waiting, Liz, we'll make you next up.
21	My question is how to gather the existing
22	information needed. And I guess part of that is is it a
23	question to the applicant of how you gathered or, Liz, as an
24	NGO, how did you contributed if you were asked, and are
25	there constraints or problems you encountered and what would

1 you recommend to deal with them?

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2 MS. HATZENBUEHLER: I think what was helpful for 3 us is that before -- I guess it was actually the very first 4 meeting, when sort of just the overview of the project was 5 presented to I guess the stakeholder -- I'm representing the 6 kind of water resource group. And a form was sent out 7 looking for information. So I think that that was a helpful 8 for everyone to sort of see exactly what was needed. 9 then that gives us direction as to where we can look and 10 what information Nature Conservancy has. And I think that 11 we actually found a lot of overlap. Everyone that was kind 12 of represented in the working group -- the Nature 13 Conservancy uses a lot of the same information that the 14 Colorado Division of Wildlife or the Forest Service and that 15 sort of thing. So I think it was a good collaborative effort since that initial form was kind of sent out asking 16 for certain information. 17 18 MS. WEST: I'm hearing having a form was helpful 19 and there was a workgroup of some kind so you're going to 20 trade notes. 21

MS. HATZENBUEHLER: Right. The way our process is going is that there's kind of a recreation group, a terrestrial group, and a water resource working group. And there are three different sections and although they don't meet together, each one I assume was sent a form asking for,

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part of the process plan?

1 you know, information on -- I guess regarding their resource 2 group. And so that was helpful, I think it kind of --3 getting the rest of the study plans together for that, or 4 information needed for study plans. 5 MS. WEST: Okay. 6 Next question is for Frank and Lauri, and this is really on the process plan. What we've heard is people 7 8 really think it's a good opportunity to integrate other 9 stakeholders' processes, so what the applicant's doing, what 10 FERC's doing, but what the other agencies doing is all in 11 one place on the schedule. Are there recommendations on the best way to integrate other stakeholders' processes? 12 13 maybe Lauri, you want to go first? 14 MS. VIGUE: I would say preparing early as 15 possible -- at least with Packwood, Energy Northwest initiated the 401 certification by proposing in-stream flow 16 17 studies a year before the Notice of Intent came out. So 18 that was helpful. And coordinating with all the agencies 19 with comments and Tribes for comments. And I know for ESA, 20 that's coming a little bit later, but there is a 21 consultation process going on -- that's something with the 22 U.S. Fish and Wildlife Service and NOAA that's going on that's a little bit different. 23 24 MS. WEST: And was that established up front as

1 MS. VIGUE: That's kind of -- I think it was 2 established when the NOI was issued, so that came a little 3 later. They issued the -- or they began the 401 process 4 earlier, the ESA consultation process. 5 MS. WEST: Okay. Frank? 6 MR. SIMMS: I tend to agree that you start off as early as you can in meeting with the agencies and find out 7 8 what their agenda is for their particular certificate or 9 process and then to work with them -- we're lucky enough to be able to have about four or five meetings and to be able 10 11 to work with the Virginia Department of Environmental Quality, for example, on the 401 certificate and see how 12 13 they wanted to fit their certification process into this 14 process because again the ILP was also new to them. By just 15 having those meetings and discussions we were able to fit 16 that into the process. MS. WEST: So it's laid out and it's in the 17 18 schedule and the process plan. 19 Right. It shows in our process plan MR. SIMMS: where the 401 certification process begins. 20 21 MS. WEST: Okay. Well rather than my going on to 22 ask more questions, let's open it to the audiences. 23 David mentioned, I'm going to go to this group here first. 24 If you have a question, just raise your hand and Christine 25 and Stephanie will find you. You can ask any of our

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panelists. And then I'll turn to the FERC regional offices, 1 2 and then to folks on the phone. 3 Any questions? 4 (No response.) 5 MS. WEST: And if you could share your name and 6 organization, that would be great. MR. MURPHY: Mike Murphy with EPRO from Maine. 7 8 I'm curious when you do the draft PAD, how much time did you 9 build in for sending that out and for obtaining comments, and did you respond to all comments, did you do a redline 10 11 version, how did you handle that kind of response? Frank Simms from AEP. The amount of 12 MR. SIMMS: time that we allotted for was about six months after the 13 14 draft PAD was completed. The way we responded was we had 15 meetings then to discuss some of the comments that we received on the draft PAD and then sent out the final PAD to 16 17 the FERC. So the way we addressed the comments was face-to-18 face meetings. 19 MS. HARN: Hi, I'm Joan Harn from the National 20 Park Service. A lot of the recommendations and a lot of the extra efforts, like the draft PAD and these technical 21 22 workshops, working groups, are not required in the FERC regulations. I guess I'd like to hear what motivates some 23 24 of the licensees and, for those of you that are on the panel

that aren't licensees, if you know what motivated your

1 licensee to make these extra efforts and whether or not you 2 think that these measures actually should be required. 3 Who wants to handle that? Are you in MS. WEST: 4 the mood, Frank? 5 MR. SIMMS: What motivated us is in the beginning 6 we wanted -- and in any license application process we've 7 gone through over the years as a company, we have always 8 tried to bring everybody together right in the beginning. 9 We might as well identify the issues from the start, get all 10 the information you can up front, and we put a lot of effort into that. 11 So our motivation basically is if you don't get 12 13 the information up front and if you don't get the comments 14 up front, you're going to get them later anyway, so let's 15 get it done in the beginning. MS. WEST: So is that because it's more efficient 16 if it's all up front? 17 18 MR. SIMMS: Well, not only more efficient, I 19 think it's only fair. As a licensee, you have a responsibility I feel to hear what the concerns are and what 20 21 the issues are. And over your 40-year license term, you may 22 not hear those. But when you get into relicensing, all of a 23 sudden you hear things that maybe you haven't even done

correctly or maybe you get the pats on the back that you

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want.

1 So I am thinking the answer might be 2 have people have a sense of responsibility or fairness? 3 MR. STMMS: Yes. 4 MS. WEST: Okay. And Joan's question about 5 should it be required? 6 MR. SIMMS: That's a FERC question. 7 (Laughter.) 8 MS. WEST: Then David, do you want to answer that 9 one? 10 MR. TURNER: Should it be required? We'll figure it out later. 11 12 (Laughter.) 13 MS. WEST: I guess he didn't want to answer the 14 question. 15 MR. SIMMS: Just based on the experience we've 16 had so far with the ILP process, I think it should be up to the licensee whether they want to go through those prior 17 18 steps or not. And a lot of it depends on -- and I think one 19 of the questions you hear is what's the size of the project 20 and how many stakeholders are really gonna participate in the project. So to make it a requirement, I don't think so. 21 22 I like where the ILP starts. 23 MS. WEST: Ann? 24 MS. MILES: I think all of you who were involved 25 in the rulemaking with us knew FERC's position very much,

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because one of the goals of the ILP was to reduce the time 1 2 and the cost of licensing and to try to keep it within the 3 timeframe that was established and this sort of pushes that 4 out on the beginning end. And I can understand in needing 5 to develop the PAD and wanting to have a good solid PAD at the point that it's issued that it is -- that it does take some up-front work, it's sort of inevitable. And we had 7 given a little bit of thought of whether we should separate the NOI filing from the PAD so that the time to prepare the PAD within the 5 to 5-1/2 year timeframe. 10 11 Just something to throw out there is our goal 12 still is to keep it within the shorter timeframe. And it 13 looks like one of the things we're hearing an awful lot in 14 getting this feedback is that it is requiring quite a bit of 15 work in the beginning. So I think that's something we'd like you all to think about is, you know, is there a way 16 17 that we can work with this and keep it within the timeframe 18 that's allotted for relicensing. MS. WEST: Anybody want to respond to that? MS. NELSON: Bea Nelson here, Tribal. 21 I feel that the early research and the early 22 contacts are what helps increase communication, so that if 23 there are some discrepancies they can be hashed out 24 beforehand and early on in the process.

MS. WEST: Frank, do you want to answer -- Ann

was sort of begging the question could you do all this 1 2 advance work but within the 5-1/2 years. Wouldn't you have 3 to move the back end somehow? Could FERC produce its 4 documents in less time? 5 (Laughter.) MS. WEST: Where's it gonna come from. 6 7 MS. MILES: Well, this is the situation. 8 statute -- statute, right -- is 5 to 5-1/2 years for 9 relicensing. I think there are a lot of people at the 10 Commission that think Gee that's a good amount of time to 11 get everything in. What looks like in the ILP is because the PAD has to be filed with the NOI, simultaneously, there 12 13 isn't the opportunity -- well, I mean, you could start at 5-14 1/2 years, I guess, and use a six-month timeframe to get 15 both in at the 5 year timeframe, but for various reasons people file during that six-month period. 16 17 I mean, what we're saying -- or asking is if we 18 change the regulations a little bit, can you do it all 19 within the 5 to 5-1/2 year timeframe. So at the 5-1/2 years or whatever, you start with the early parts of it, you start 20 your early conversations. Can you fit it all in? A license 21 22 application would still need to be filed --MS. WEST: NOI, PAD, studies --23 24 MS. MILES: -- at two years. So we would have 25 plenty of time to do what we needed to do and I guess --

1 MS. WEST: And everybody else do the other part 2 in 3 to 3-1/2. 3 MS. MILES: Can it all be done -- I mean, I think 4 from our point of view, of course, we're not out there doing 5 everything, but we're with you a lot more now. 3 to 3-1/2 6 years seems like a pretty good length of time. Can you do 7 it all in that timeframe? 8 MS. WEST: Frank? 9 MR. SIMMS: Frank Simms from AEP. 10 To be honest, Ann, I could only answer to, you 11 know, the project that I'm working on, which is a rather large project. And for that particular project, I don't 12 think we could. I think we needed the PAD and the NOI as we 13 14 filed it together. Maybe one thing that could be done is 15 that maybe the PAD has to come within that six month timeframe -- you know, put your NOI in first, right at day 16 17 one, and the PAD has to show up sometime in that six months. 18 That might be a little change that could be made for the 19 projects. But for us specifically, no, we could not do it. 20 MS. WEST: Any other -- Liz? 21 MS. MOLLOY: One thing I just --22 MS. WEST: Liz Molloy from FERC. MS. MOLLOY: Liz Molloy, I apologize. 23 24 One thing we're looking at is what 25 recommendations or concerns people have in the current

1 regulations. And while looking at changing, it might be, 2 something we're doing in the future, right now we want to see what would work within the current ones. And the draft 3 4 PAD and the different alternatives that are being talked 5 about can be done with the current regulations. So we're 6 sort of looking for sort of the best ideas for working now within the existing framework. So I want to make sure we 7 8 keep sort of focused to that before we already try to change 9 the regs. 10 MS. WEST: Okay. Any questions from the 11 audience? MR. NUESTIFTER: Bob Nuestifter from Consumers 12 13 Energy Company. 14 MS. WEST: Bob, could you repeat your name, 15 please? 16 MR. NUESTIFTER: Bob Nuestifter. 17 MS. WEST: Nuestifter. Thank you. 18 MR. NUESTIFTER: I wonder if the panelists could 19 address whether they had any problems dealing with CEII, Critical Energy Infrastructure Information, that was part of 20 the PAD and, you know, if they had any problems or if they 21 22 had any solutions or things they found that worked well with dealing with the CEII. 23 24 MS. WEST: Your issue being that it's 25 confidential information so it couldn't be distributed?

1 MR. NUESTIFTER: Right. 2 MS. WEST: Any panelists want to answer? Frank? 3 MR. SIMMS: Frank Simms from AEP. We didn't have 4 any problem with it. When we filed our PAD document, we had 5 our CEII information as a separate document that was filed 6 under CEII. So no, we've not had any problems. 7 MS. WEST: Okay. No questions from this 8 audience, am I right, looking out there? 9 MR. NUESTIFTER: Could I ask a follow-up? 10 is Bob Nuestifter again. 11 MS. WEST: Sure. MR. NUESTIFTER: Then did the agencies and 12 13 whoever wanted CEI information just obtain the information 14 from the Commission rather than from you, Frank? 15 MR. SIMMS: Right. The way -- we had a 16 distribution protocol and communications protocol as part of 17 our PAD and within that we explained that if there was a 18 desire for anyone to obtain CEII information, then they 19 would have to go through the FERC under the FERC process for 20 obtaining that information. I don't know if there's been 21 any requests. The FERC person working on our project said 22 no. So it sounds as though, from some of 23 24 our experience, stakeholders aren't feeling a need to have 25 the CEII information, at least so far.

1 MR. KEARNS: Jim Kearns, I'm with Public Service 2 of New Hampshire. We're doing the Canaan project, a 1.1 3 megawatt facility. 4 The way we dealt with the CEII issue was that we 5 did file that information separately with the Commission, 6 but any stakeholder that wanted copies of that information, 7 we provided it directly to them. 8 MS. WEST: While I have you there, Jim, do you 9 want to address -- since you are a small pioneer, if you 10 wouldn't mind, even though you're on a future panel -- do 11 you want to answer Ann's question about timing? Could you do it in 5-1/2 years? 12 MR. KEARNS: Well, for the Canaan project, it 13 14 took us probably less than four months from the time we 15 started developing the PAD, before it was filed with the 16 Commission. It was fairly straightforward. The Canaan PAD was about a third of an inch in size. So timing was not an 17 18 issue for us. But I can imagine for bigger projects which 19 we have that that would be a tight schedule to meet. MS. WEST: So you have fewer resource impacts 20 21 that you anticipate --22 MR. KEARNS: That's right. MS. WEST: -- associated with the project. 23 24 MR. KEARNS: It's a fairly benign project, so. 25 MS. WEST: Okay. Any regional -- oh, Robin --

and get ready, regional offices, I'll ask you as well in a sec.

MS. MARKS: Robin Marks, American Rivers. My question is really to FERC related to a deficient pad. How would you -- do you feel as though there are points at which or PADs in which you would reject them and find them deficient and ask them to increase the information available?

MR. TURNER: This is David Turner with FERC.

I'll address that one.

There's really no provisions in the regulations for dealing with a deficient PAD. I think it behooves an applicant to do a good job because he opens himself up to a lot more and broader study requests potentially. And obviously, if we get that, it generates additional information requests. And if you go back and look in the record at some of the proceedings we have, we have found gaps that needed to be filled and we've asked it as part of our study request -- not necessarily characterized as a study request, but to fill that data gap that might have been reasonably obtained. So it does open them up to filling it and we're trying to get them to fill it prior to scoping or at least prior to conducting the study plan meetings.

MS. WEST: So I think David just gave us another

1 incentive answering Joan's question is it might reduce the 2 number of studies if you do the work up-front and have a 3 quality PAD, even though he's not a licensee. 4 Okay. Questions from the regional offices or 5 comments? 6 (No response.) 7 MS. WEST: It's hard to do this across phone 8 lines and conference lines. 9 (Audible noises.) 10 MS. WEST: Oh, we've got a lot of playback. 11 Could you say who you are? MR. MOLLER: This is David Moller with PG&E in 12 the San Francisco regional office. And I wanted to weigh in 13 14 on one or two questions that were asked there. 15 particular, with regard to the concept of a draft PAD, and a couple of thoughts on that. As far as I know, only one of 16 the seven ILP pioneers produced and distributed a draft PAD. 17 18 So that experience probably shouldn't be looked at as 19 typical at this point. And one of the things that all the 20 pioneers faced was these were the first PADs, there wasn't a heck of a lot of reference material out there. So I think 21 22 future applicants will have the opportunity to look at PADs that worked out well and probably have less of an inherent 23 24 need to produce drafts for external distribution to get 25 feedback on the adequacy or the potential success of the

1 PAD.

I'd like to point out the PAD is summarized in

the existing relevant and reasonably available information.

It's not the functional document. The functional document

will be the application coming some time later.

With regard to Ann's question -- two questions, really: one about should the ILP regs be modified to require additional steps or additional requirements in advance of the NOI. I agree with Frank's answer on that, that at least in our experience to date the regs worked pretty well in the pre-NOI period and I agree that it's a project-specific decision as to do things -- additional actions. A draft PAD would be a good example. It sounds like in Frank's project it made a lot of sense, he had the time to do it, it sounds like on Canaan it would not have made a lot of sense. So I think the regs are pretty good there.

And then finally on this matter about the six months. From my experience under the DeSabla Centerville project, we could not have prepared the PAD in the six months after filing the NOI. So I think the sequencing seems correct and, among the pioneers, it does seem that each of the pioneers has tuned their individual approach to match the circumstances of their project and their stakeholder groups.

1	MS. WEST: Thanks, David. Let me just ask a
2	question that I think is what Ann asked that Liz didn't like
3	very much, which was if you made the NOI one date and the
4	PAD due six months later, would that help?
5	MR. MOLLER: I kind of like the idea of the two
6	being done at the same time. One of the things that I think
7	is a little bit of a misperception about the ILP and the
8	PAD, in particular, is people have started shifting their
9	focus away from the NOI and instead focused on the PAD. And
10	the NOI is still the triggerpoint that starts the
11	proceeding. So the idea of at the triggerpoint also
12	providing the summarization of the existing relevant and
13	reasonably available information then provides all
14	interested parties with a good starting point: okay, here's
15	the start of the proceeding, here's a solid summary of the
16	existing relevant and reasonably available information,
17	likely there's been outreach to get everybody prepared for
18	this point in time, now let's get ready for scoping. So I
19	think that sequencing of the two at the same time makes a
20	lot of sense.
21	MS. WEST: Okay. While I have a few licensees
22	who were engaged under this, a sort of follow-up question on
23	your timing of whether you choose 5 or 5-1/2 years. Do you
24	have any recommendations on how future ILP applicants might
25	make that determination? Why would you choose 5 or 5-1/2

1 years? 2 David, do you want to start, since your live --3 before you do that mute button again, and then I'll turn 4 back to other folks here? 5 MR. MOLLER: Oh sure. You know, a couple of key 6 considerations on that would be the seasonality issue, the 7 timing of when that six-month period starts and end and how 8 that fits together with having two full study seasons in 9 advance of preparing the application. And at least on the 10 West Coast, the way our seasonality is, it appears that a 11 filing relatively -- around the middle of the year probably 12 sequences out well in order to have the following year get a 13 full study season, having completed the study plan 14 preparation. So certainly that seasonality for two study 15 seasons is a key thing. The other thing -- and this is interesting, 16 17 Frank's comment about having six months for review of the 18 draft PAD. Frankly, on DeSabla, we ran out of time. 19 wanted to file earlier than we did, but we needed to move 20 later in the six-month period. So I think the actual 21 process of developing the PAD will at least somewhat dictate 22 when in that six-month period it's actually ready to go. MS. WEST: Okay. 23 Frank? 24 MR. SIMMS: Frank Simms, AEP. 25 I agree with what David's saying. I think the

1 driver for us was we actually started when the application 2 was due and worked backwards to figure out when we submitted 3 our NOI and the process started, how that would fit into the 4 study seasons, just like David said. 5 I think one comment I have on that ILP process 6 that does have to do with schedule is, when we filed our 7 Notice of Intent, it actually got docketed a week before the 8 process plan schedule. In other words, you have the process 9 plan schedule in your PAD, you have everybody waiting or 10 anticipating that schedule, the agencies and the other 11 stakeholders, and what occurred was because it had got docketed a week early -- the mail went quicker than we 12 13 anticipated in this case -- that it was going to change that 14 process plan schedule. So I think once you have your 15 schedule, you know, if you do happen to do something a little early, I think the one thing is the schedule should 16 17 stay the same. That's just one comment I have on it. 18 MS. WEST: Okay. Other questions on PAD or 19 process plan folks? 20 MS. SHERMAN: This is Rebecca Sherman with the 21 Hydropower Reform Coalition. MS. WEST: Hi, Rebecca. 22 I had a question about studies in 23 MS. SHERMAN: 24 advance. You brought it up on your Power Point 25 presentation. You're talking about the quality of the PAD

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1 and getting all existing relevant and readily available, I 2 think, is the standard, but that sometimes where there are 3 large data gaps, in order to avoid wasting your study season 4 on information, it's helpful to do studies in advance. 5 And I was wondering, Frank, if you did any studies in advance and, if so, what kinds or did you even 6 contemplate doing some? 7 8 MR. SIMMS: Frank Simms, AEP. We did not do any 9 studies in advance. And I think because of the consultations that we had up front, there was really nothing 10 11 identified particularly for a need for that, so we didn't do 12 it. 13 MS. WEST: Any other applicants here that did? 14 Do you want to share? 15 John, didn't -- yeah. MR. JOURDONNAIS: This is John Jourdonnais, PPL 16 17 We actually started doing initial studies three Montana. 18 years before we filed our NOI. We'd been through a fairly 19 lengthy relicensing proceeding ahead of that and were 20 working with some of the same agencies. We knew what kinds 21 of things would come up, and so we worked with agencies to design just very general studies, presence or absence kinds 22 of issues that weren't very contentious, that weren't costly 23 24 and were low-risk to go out and resolve. So we started well

ahead doing those kinds of studies to help make the PAD as

1 complete as we could. 2 MS. WEST: So this is low-risk meaning not 3 controversial --4 MR. JOURDONNAIS: Right, presence or absence 5 kinds of things and just what are the basic issues out 6 there. If they're easy to answer, we started some of those 7 very early. 8 MS. WEST: Did that help you, Rebecca? 9 MS. SHERMAN: I'm sorry. We were playing with 10 the equipment over here. Yeah, it was very helpful, thank 11 you. Okay. Any other questions? 12 MS. WEST: VOICE: Yeah --13 14 MR. KEARNS: Jim Kearns, Public --15 MS. WEST: Sorry. Who was that on the phone? 16 MR. DU WALL: Ari DuWall with Mead and Hunt. MS. WEST: Hi, Ari. Go ahead. 17 18 MR. DU WALL: Thanks. Just more of a curiosity-19 type question in regards to the draft PAD. I'm wondering if 20 one of the purposes behind it would be to get that information in front of the agencies as far as what's been 21 22 collected to date and use that as the forum for making sure 23 that all the information that has been collected is in fact 24 the latest and the greatest, so to speak, type of 25 information. In other words, is it being done in design to

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more prod the agencies to make sure that they have in fact 1 2 provided all the information they have? 3 Frank Simms, AEP. That was one of MR. SIMMS: 4 the thoughts in the draft PAD was putting it out there, making sure that we had all the information. And the result 5 6 of the review of the draft PAD was not just the agencies alone, but some of the stakeholders on our project who had 7 8 studies done on, let's say, water quality, came forth with 9 that information, saying well, this is available, that is available. So it really helped, I think, make a better 10 final PAD. 11 Any other questions, folks? 12 13 MR. LEVINE: This is Chris Levine with the State 14 of Montana. 15 MS. WEST: Hi, Chris. Go ahead. MR. LEVINE: Actually I quess I got two comments, 16 17 mostly directed towards FERC. I think the FERC needs to 18 work with the applicants, the prior two -- kind of like what 19 Jon Jourdonnais said, you know, well before they actually 20 begin this ILP process. The companies know that they're going to be relicensing and FERC knows that also. So if 21 22 they could start early contacting the state agencies, especially the 401 certification folks -- because, I guess, 23 24 that's where I'm kind of involved in this thing -- early on

to develop this information knowledge base, if you will,

1 that would definitely ensure that they had as complete --2 and it also then would give the companies or the applicant a 3 chance to work with the agencies and figure out what their 4 needs are, the agencies needs are. Especially with the 401 certification. 5 6 Montana, I have a very short timeline that I have to follow, 7 it's in rule. So like within two months, 60 days, I have to 8 make a 401 certification decision, either be approved, deny, or condition, much shorter than the one year that other 9 10 places may have. I don't know what other states are like. 11 But it would be nice if FERC would assist the applicants early on to get the ball rolling, if you will, prior to the 12 13 PAD development or even your Notice of Intent. 14 MS. WEST: And what's the best way to get in 15 touch with you, Chris, is it phone call, meeting --16 MR. LEVINE: Yeah, telephone works just fine. 17 You know, of course, e-mail works. But the biggest thing 18 is, yeah, start with a telephone call and say okay we're 19 getting ready to do this, it's a ways out, and then yes, 20 have some face-to-face meetings, get the Fish and Wildlife 21 and parks or whatever the agencies are called and some of 22 the other obvious, if you will, interested parties together 23 and start discussing what's gonna happen and when. 24 I think this ILP is such a tight schedule, this 25 is not my job, you know, full-time to do 401 certs or work

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1 on these hydro projects, so I have to put it in, you know, 2 wherever the cracks happen to be in my schedule. MS. WEST: Okay. 3 4 MR. TURNER: And I guess I want to respond to 5 that, Chris. We are doing a number of things to work with 6 applicants. We're sending out a letter a year before the 7 expected date to remind them that they do have to prepare a 8 PAD and file it within another year or so. We are giving 9 them the heads up. And most of the pioneers, we have been 10 working with them on a number of workshops and outreaches to 11 make sure that folks are up to speed. Now that's kind of 12 because the ILP is new and we want to make sure everybody 13 knows what's going on, but it still seems to be very well 14 received from what we heard so far. 15 Now I might have been a little confused, what are you suggesting, that the FERC needs to contact the agencies 16 17 or the applicant? We believe the applicant should be taking 18 that burden since he's going to be putting together the 19 information. But we're willing to work with everybody to 20 make sure they understand the process. 21 MS. WEST: I think Chris was suggesting that FERC 22 encourage the applicant to make the contact, is that right, Chris? 23

I guess is I see FERC's role as kind of the ringleader, if

That is correct. The biggest thing

MR. LEVINE:

Τ	you will, for what's going to be going on, just trying to
2	get them prodded, the applicants prodded, and then the
3	applicant makes the contact. I appreciate Steve Hocking has
4	sent a couple notices to me, e-mails, indicating that a
5	project's coming up and things like that. That gives me a
6	heads-up and I can let people know that, you know, guess
7	what folks, we've got a five year project coming on on line.
8	And within state government, five years can be three or four
9	people. So you have to plan for that.
10	The other thing is a lot of times these older
11	projects, they're 401s or maybe they didn't have a 401.
12	So I don't even know that they exist, as long as it's a
13	state agency. So it really helps if I find out early that a
14	project is coming on and maybe we can start with the
15	applicant, some early studies, like John said, two or three
16	years out in front do these things, you know, closes all
17	gaps or fish surveys or things like that.
18	MS. WEST: Just to clarify, David, when do you
19	send the letter out to the licensees or the applicants?
20	MR. TURNER: We make it a practice to send that
21	letter out a year before their NOI is due, so it would be
22	at the five year mark, it would be about a six year mark
23	forward of that license expiration.
24	MS. WEST: So six years, not 6-1/2. Got it.
25	All right. Any more questions on the PAD and

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1 process plan before we move on to scoping? 2 (No response.) 3 MS. WEST: A silent bunch. So somebody needs to 4 help -- Robbin, I think, stepped out, Robbin Marks. 5 So if there are no further questions, I think 6 we'll switch to our next panelists. Let me thank those who are on this line. You did an excellent job. You get your 7 8 candy bar back. 9 MR. SIMMS: Thank you. 10 MS. WEST: We'll be mailing ones to you Liz, Bea, 11 and Lauri. Thanks very much. And I hope you're going to 12 hang in the whole time. 13 So I think next up is our scoping panel. Robbin. 14 So George Martin and Robbin Marks are going to join us in 15 person, and Chris Levine and Jeff Gildehaus will be on the phone. We're changing hats and cards and roles. So Jeff 16 17 and Chris will have -- will have your hats in your absence 18 as two resource agencies. Thanks for joining us on the 19 phone. 20 I'll do the same, I'll go through a few quick 21 slides on scoping and then we'll turn to Q&A. 22 (Slide.) Those of you who can see the slides, 23 MS. WEST: 24 now we're on to scoping. Helps stakeholders understand the

purpose of the FERC scoping meeting.

And I should say some of the themes we're hearing is that this scoping meeting is at both a different time as well as a somewhat different type of scoping meeting. So it is a change from the other licensing processes. People really encourage that this type of scoping meeting be an interactive scoping meeting, that you really are facilitating issue identification in the process.

Stick to the purposes of the scoping meeting. In other words, be very clear about what's in on the meeting and try to not clutter yourselves with things that you don't need to address. Those things could be identifying the new issues, those not identified already in the PAD, seeking clarification of existing issues, things you may have identified but others would want to define in their terms what they thing the issues are, and also you may have an opportunity to eliminate issues that are not important, what really isn't an issue that you need to address because it's not that significant in this case.

You obviously want to discuss existing conditions and information and use it as an opportunity, if you've missed existing information, is there other existing information out there. Explore what additional information needs you're going to have; obviously that's leading to potential studies. And discuss the process plan. Make sure people understand what the process plan is, for that you

1 need licensing, so they can get a grasp of what their next 5 2 to 5-1/2 years are going to be about. 3 (Slide.) 4 MS. WEST: We heard this very loud and clear, 5 that's it's really important people become familiar with the 6 project and the PAD prior to the scoping meeting. Because 7 the nature of this scoping meeting is to identify information that hasn't already been identified in the PAD, 8 9 people really need to know what's in the pad to be able to 10 meaningfully participate. So coming prepared is really 11 important. And being prepared to discuss new issues and --12 again -- or eliminate or refine the issues. And the 13 14 emphasis is on not rehashing issues that you've already 15 addressed in the PAD. (Slide.) 16 MS. WEST: Especially depending on the 17 18 stakeholders you have engaged in the process, you might want 19 to consider having multiple locations and times so you can increase public participation. Not everybody can come to a 20 21 day meeting, you might want to have some night meetings. 22 You might want to have it in different places, so those who have an interest can participate. And participants being 23 24 prepared really enhances the success of the meeting. 25 Again, these are all comments we've gotten from

1 folks from the three steps we took leading up to today. 2 So now it's on to our panelists questions. On 3 the phone, we have Chris Levine from Montana DEQ, the Mystic 4 Lake project. Robbin Marks on my left from American Rivers, and she's been involved in Smith Mountain. George Martin on 5 6 my right from Georgia Power and the Morgan Falls Project. 7 And Jeff Gildehaus on the Mystic Lake project for the Forest 8 Service. So welcome everybody. Thanks Jeff and Chris, by 9 phone. So a question for all four of you this time: 10 11 do you prepare for scoping, given the tight timeframes which 12 seems to be a recurring theme? What do you advise or 13 recommend for folks? How do you deal with that tight 14 timeframe? Maybe I'll start with Robbin on my left. 15 MS. MARKS: I think in our -- this is Robbin Marks from American Rivers. 16 17 First of all, I just wanted to thank FERC for 18 hosting this meeting. Very helpful. We really appreciate 19 it. 20 I think we think that one of the most important 21 preparations that can take place for scoping is the PAD 22 itself. It really provides the basis for what happens next. And, as we heard from the first panel, it's really important 23 24 that it be user friendly, complete, developed through a 25 collaborative process. Although we heard that maybe FERC

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1 won't be rejecting deficient PADs, I think this forum right 2 now is an opportunity to really raise the bar and think 3 about how to develop a best practices guide that will 4 determine what a good PAD looks like and how to create one. 5 We also see some benefits for having perhaps a 6 scoping -- a second scoping document. The rules allow that 7 opportunity. And we think that's a good possibility -- good 8 opportunity to address issues that are raised during the 9 public forum. 10 MS. WEST: Okay. Thanks. 11 George, our other in person participant? MR. MARTIN: First of all, I as well would like 12 13 to thank FERC for conducting the ILP effectiveness effort. 14 As we're only 18 months into the class of pioneer ILPs. I 15 think broad participation is a great idea and I appreciate personally the opportunity to participate in the Columbia 16 17 regional panel and here at the technical conference in D.C. 18 So thanks FERC and thanks Kerns and West as well. 19 As we all know or as we've discussed briefly 20 already today, the purpose of the scoping process is to 21 formally identify the issues and interests within a certain 22 proceeding. Leading up to scoping, of course, there's a wealth of communication that has taken place: the PAD has 23 24 been developed and distributed and is in the hands of the

participants for at least 90 days or longer. There may have

Т	been a scoping document one issued and it, as well as the
2	PAD, could allude to a preliminary list of issues and
3	interests to be further considered during the scoping
4	process.
5	Needless to say, as all proceeding participants
6	approach and enter into the scoping process, they need to be
7	prepared. Participants should know the project. They
8	should have read and digested and read again the PAD and any
9	scoping documents related to the PAD and have communicated,
10	as appropriate, with one another during the pre-application
11	activities.
12	Strong leadership is needed to identify the
13	pertinent issues and those that just as importantly need to
14	be eliminated from further consideration. Significant
15	attention must be given to the existence of existing
16	relevant and readily available information. It goes without
17	saying that a keen understanding of project operations and
18	the environment is needed to identify and eliminate issues
19	for further consideration.
20	MS. WEST: Okay. Thanks, George.
21	How about Jeff? We haven't heard from you yet,
22	and then we'll go to Chris. Jeff, do you have any comments?
23	How do you prepare?
24	MR. GILDEHAUS: How do you prepare? Well, in the
25	Forest Service's mind, scoping takes two forms: first is

the internal scoping that was extensive and done to help the applicant prepare the PAD, and PPL Montana did a very good job of that, in helping form that PAD, which really I believe helps define and eliminate some issues that would be otherwise considered if they hadn't been talked about. So the internal scoping that it had was critical to defining the issues.

As far as the external scoping, I worked very closely with Steve Hocking in identifying the times and places that we would be able to receive the best and probably widest scope of participants and comments. I agree with what George has said earlier in that the people coming to provide comment should be well prepared. One of the things that at least I noticed in scoping is that we had numerous representatives from the same non-government organization providing essentially the same comment over and over again, and I don't discard that or attempt to say that that's not important, but I think that it would have helped to consolidate the meetings and the time taken had they been all together and just formed one group and had one representative. But that's neither here nor there.

Scoping meetings did elicit the comments that we were seeking and I thought that they were well participated in for the most part. One location that we thought was important for a scoping meeting turned out not to be so, but

I don't think you know that going into it. So it's better 1 2 to provide the opportunity than not. 3 MS. WEST: Let me just follow on before we go to 4 Anybody who were pioneers participating on this, do 5 you have any techniques to recommend to reduce redundancy of 6 sharing the same issue? Are there any ways in the scoping 7 meeting -- techniques anybody? 8 I see David wriggling with his mute button. 9 MR. MOLLER: One technique, actually two things 10 I'd like to share on that that I think proved to be 11 particularly useful is, one, between the time the NOI and the PAD was filed and the time of the scoping meeting, we 12 13 did quite a bit of continued outreach to the interested 14 parties to try and help orient them as to how to use the PAD 15 and how to prepare for scoping. So they weren't just left on their own to say well I've got this PAD and there's 16 scoping coming up, now what? 17 18 So we tried to give them quite a helping hand, 19 direct them toward certain parts of the PAD, how to use the 20 We pointed out that the PAD did have extensive compilation and description of issues that they should look 21 22 at and encouraged them to come to scoping prepared to discuss exceptions to the PAD or additions to the PAD rather 23

than rehashing the same stuff that was already well-

delineated in the PAD.

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1 The other thing that we did as a technique -- and 2 we worked this out with FERC because the scoping meeting 3 really is FERC's meeting, was at the meeting itself we 4 brought in big posterboards that had all the issues by 5 resource area that were already identified in the PAD on 6 these large posterboards. And we formed -- we called them 7 kiosk stations, where in advance of just opening up the 8 floor and everybody talk about everything, we invited all 9 the stakeholders to go around to the kiosks, take a look at 10 the list of issues that were already identified in the PAD, 11 and then add any additional comments or issues to those already identified. So we tried to reinforce this theme 12 13 that the PAD had already hit -- we thought 80 to 90 percent 14 of the issues, I think it ended up being 90-plus percent of 15 the issues. And so we had a very efficient scoping that could focus then on the exceptions rather than a lot of 16 17 wheel-spinning duplicating what had already been done. 18 MS. WEST: Okay. Thanks. 19 Chris, how would you prepare scoping? 20 MR. LEVINE: It's a continuous process, really, 21 from the moment that the project is beginning its 22 relicensing, at least with the state agency. You know, I was involved all the way along with it. So preparing for 23 24 the scoping just happened, because of the preliminary work 25 or at least exposure.

1	But one of the things I think for the non-state
2	government or, you know, certifying agency, the public I
3	think is really kind of at a disadvantage in that most times
4	they didn't even realize that this process of relicensing
5	even exists. So it's kind of tough on a larger project
6	Mystic Lake is a small project and it doesn't have a whole
7	lot of issues, I think, as compared to some you know, a
8	big dam in a highly-populated area with endangered species
9	and all those kinds of things.
10	But even there, you know, somehow we have to get
11	the information out and the education I think there needs
12	to be a lot of education to let people know that they can
13	participate and what the project is, of course knowledge of
14	the project people have to see it. I think we had at
15	least one well, I guess it was an attempted visit to the
16	dam, we had six inches or a foot of snow in the middle of
17	June so the helicopters wouldn't take us up to the dam.
18	MS. WEST: It sounds like you're encouraging the
19	outreach David was recommending.
20	MR. LEVINE: And know what's going on to make an
21	efficient scoping. I guess that's about, you know, the
22	biggest thing for the scoping thing.
23	MS. WEST: Okay. Visit the project and read the
24	PAD and applicants lots of outreach is what I'm hearing.
25	Are there any other any on the panel, any

other tools and techniques? David shared one with his issue posters and kiosks. Any other tools and techniques you'd recommend to make the scoping meetings interactive?

MS. MARKS: I have a bunch of ideas. Robbin

MS. MARKS: I have a bunch of ideas. Robbin Marks, American Rivers.

I think that there's a bunch of ideas about how to make it interactive that we can think of. The first is an open and transparent communications protocol that all stakeholders have participated in the development of. And that's not just a process plan, but that's really kind of ground rules about how to communicate with each other and that should be jointly developed.

We would recommend public hearings that are in convenient locations and times, day and evenings. I should say here that FERC and Smith Mountain did a very good job in terms of really reaching out to all the stakeholders and making the meetings really participatory. There were meetings in the evening, during the day, there were several meetings. There were opportunities for a lot of back and forth and questions and answers. It was a very pro-active process to reach out to everyone.

I think that encouraging open ideas and allowing time on the agenda for interaction, recorded meetings, a court reporter, maybe the meeting notes could be open for comment. And then it may be that there -- depending on how

1 the meeting goes, there might be a need for another scoping 2 meeting. 3 I guess in terms of the FERC role in all of this, 4 the tenor and the tone of FERC's interaction I think is very 5 important. It's really important that FERC is seen as 6 objective and open-minded and avoids acting in a way that prejudices the outcome and makes participants feel like they 7 can't ask questions for a lot of NGO's, you know, this is 8 9 their first time in the process and, you know, they need to 10 better understand it and kind of an open attitude on the 11 part of the FERC and the licensee is really important. Okay. Great list of suggestions. 12 MS. WEST: 13 Panelists on the phone, any ideas for tools and 14 techniques, or George? 15 MR. MARTIN: Well, I wouldn't bar any communication tool or technique that you might come up with. 16 17 Of course, in preparing for the scoping process, there's a 18 lot of information that's been put out by the applicant. 19 Story boards, they do work well, as David had mentioned; I 20 agree with that. Project-specific video that might facilitate the site visit itself. Day and evening meetings 21 to accommodate, you know, the resource agencies on their 22 time clock and the public on their off hours, off work 23 24 I think it, again, to reiterate, is up to the 25 project specifics and the environmental issues and concerns

- that you're dealing with.
- 2 But scoping is the next step as this process
- 3 builds. They're not separate and independent steps. The
- 4 PAD leads to the development of the scoping document with
- 5 consultation taking place initially -- initial consultation
- 6 with the tribes. You consider the Endangered Species Act
- 7 implications. You anticipate Clean Water Act requirements.
- 8 And you move in a sequential fashion to scoping. And I rule
- 9 out no tools or techniques to communicate and involve folks
- and help folks better understand project operations to move
- 11 to the next step.
- MS. WEST: Okay.
- 13 MR. LEVINE: This is Chris Levine again with
- 14 Montana.
- I think since the scoping is a FERC
- 16 responsibility, it really kinds of puts a lot of pressure, I
- 17 guess, on the person who is, you know, working on the
- 18 project from FERC so that they know what the issues are up
- 19 front. Granted some of them, or quite a few actually, could
- 20 be in the PAD.

- 21 But I think the document, the first -- instead of
- 22 calling it scoping document one, it should be referred to as
- a draft scoping. Because on a larger project at least, all
- the issues won't be known.
- 25 And then I think it would be good if a -- quote -

1 - final scoping were to actually be issued by FERC. 2 might take -- you know, and it might be just a simple change 3 to the title or it could actually be, you know, a revision 4 of the document. But I think two documents should be issued, one actually called a draft so that it doesn't imply 5 6 decisions have been made. And then come up with a final. 7 MR. TURNER: Chris, we do do that as routine when 8 we do have -- we do issue what we call a scoping document 9 one, hold the scoping meeting, and issue scoping document two when we do have revisions that warrant changes. 10 11 don't know if we did that at Mystic because we may have actually --12 MR. HOCKING: Steve Hocking with FERC. I'm the 13 14 coordinator for the Mystic Lake project. At Mystic, we only 15 issued one scoping document. At the end of the scoping meetings, I did take a poll specifically to see whether 16 folks felt like a second scoping document was needed, and 17 18 nobody felt that one was, so we did go with just a single 19 scoping document. 20 And is that because what was in MS. WEST: 21 scoping document one wasn't going to significantly change to 22 scoping document two? That's correct, yeah. Plus, PPL 23 MR. HOCKING: 24 Montana had chosen to do kind of pre-scoping. They had a 25 series -- two days worth of meetings to do scoping prior to

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1 our actual, you know, official scoping meetings. So we had 2 the issues nailed down pretty well. 3 MR. TURNER: I've got a question to follow-up to 4 the panel though. The concept of a lot of this interaction 5 early on to talk about issues, get an understanding, we've seen a lot of positives. But I'm wondering if any of the 6 7 applicants out there found that they scoped it to death so 8 that people didn't come to scoping? 9 MS. WEST: Any of the applicants, pioneers, want to take that one? 10 11 Is there such a thing as scoping it to death? Frank? MR. SIMMS: Frank Simms from AEP. I kind of wish 12 13 we would have, because everybody showed up. 14 (Laughter.) 15 MS. WEST: You mean that's the goal is a really 16 poorly-attended scoping meeting. 17 MR. SIMMS: Right. That's the goal. 18 (Laughter.) 19 MR. SIMMS: Actually, I don't think you could 20 scope it to death. I mean, the idea is you're trying to get 21 everything out there so that when you get into your study 22 plans and you get into your application, you've got everything covered. So no, I don't think you could scope it 23 24 to death, personally.

Can I go into one of the problems we had though

1 with the scoping? 2 MS. WEST: Sure. 3 MR. SIMMS: And we're talking scoping document 4 one and scoping document two, and I'm going to try to 5 explain this the best I can. When scoping document one came 6 out, we were basing our study plans in our case on what we 7 saw from scoping document one, plus what we saw from the 8 scoping -- you know, the scoping meeting. 9 What occurs then when scoping document two comes 10 out, it came out the same day that our study plans were to 11 be filed. It makes it a little clumsy in that if you had scoping document two first, you may make some decisions 12 13 reflective of that scoping document into what study plans 14 you're going to prepare. So that's kind of a clumsy part of 15 the schedule that we've seen. MS. WEST: So ideally SD-2 would come out ahead 16 of study plans? 17 18 MR. SIMMS: I believe so. 19 MR. MOLLER: Anna, this is David Moller of PG&E 20 in San Francisco. 21 MS. WEST: Yeah, go ahead. 22 I'd like to respond to your question MR. MOLLER: about over-scoping or the potential for over-scoping. 23 24 Because whether it's scoping or study plan development, 25 performance of studies, or PAD preparation, the ILP provides

some very good tools and some very discrete steps and timeframes for performing those steps. I think it's incumbent on all potential applicants not to undo those steps by spreading those steps out or prestepping the defined steps.

At the same time, there are many things that a potential applicant can do to enhance the success of each of those steps. And those may include things like outreach, assistance preparing interested parties to participate in scoping, it might include performing some select studies in advance of the study plan development. But I think it's important for potential applicants to more or less adhere to the structure of the ILP and not undo that structure and get us back, instead of an integrated process having a sequential or unintegrated process. So focus on enhancement, but not undoing the basic steps.

MS. WEST: I'm just thinking -- in response, it was David's question about overdoing outreach. And some processes that have long, collaborative processes, you do have stakeholder burnout. So it has been an issue. I guess what you're suggesting, David, or let me beg the question, with the tighter timeframes and logic of the ILP working in sequence, you're suggesting the additional outreach or extra activities, you might not have the burnout because it doesn't go on for agonizing year over year in that intense

1 mode? 2 MR. MOLLER: Right. And to not reinsert that 3 burnout by stretching all those concise steps into a bunch 4 of spread-out steps. And so I'm trying to emphasize 5 augmenting the steps that ILP provides, rather than ungluing 6 those steps and spreading them back out. So keep the same steps and then, when 7 MS. WEST: 8 it's an intense moment, think of doing extra outreach to 9 enhance the quality of that step. 10 Exactly. So, for example, since the MR. MOLLER: 11 ILP does provide for focused scoping led by FERC consistent with NEPA requirements and ideally if a state agency has a 12 13 state environmental document to prepare too, coinciding that 14 is to help everyone successfully prepare for an efficient 15 and effective scoping process and not have a bunch of 16 separate scoping processes that kind of unwind the focused 17 scoping processes. 18 MS. WEST: Right. 19 MR. MOLLER: Help everyone prepare, as opposed to 20 undoing it. 21 MS. WEST: Sounds good. 22 Any other comments and now, time-managing ourselves, any other scoping comments? Panelists? Before 23

we adjourn for a short lunch for folks on the East Coast?

One question. Hold on.

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MR. YOUNG: Kevin Young, Lewis Berger group. It didn't come up when we were talking the PAD, but I think it highlights that one of the primary purposes of the PAD from the applicants perspective is to do scoping, to identify those issues and make sure the stakeholders have the information to realize why the applicant thinks there are issues.

MS. WEST: Thanks.

MR. LEVINE: This is Chris Levine again with Montana.

One of the things that are on the questions here is about with the scoping is to decide that certain issues do not need to be addressed or if they can be put aside as not -- you know, some decision is made that it's not a significant issue or something of that nature. And that's really something that I find quite difficult to comprehend, how at a meeting you're going to have a decision made that a particular question or issue really doesn't need to be addressed or it can be -- you don't need a study for it or something like that. Because in most situations, you're not going to have all of the interested parties who should be making those kinds of decisions -- sometimes you do. But I think that at the scoping it should be just kind of an open what are the issues and do you lay them all out and don't make any decisions on which ones need to have a study at

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that time and which ones would need a study. 1 2 MS. WEST: So maybe what you're suggesting, 3 Chris, the way you eliminate issues is by the time you're 4 done all your outreach and your scoping meetings, it's the 5 absence of issues that have come up is a way to eliminate 6 issues. If they're not mentioned, then maybe they're not 7 relevant for that particular project? 8 MR. LEVINE: I think that would be a better way, 9 if it doesn't come up, then you don't have to do anything. 10 Yeah. 11 MS. WEST: Okay. MS. MARKS: I guess I would amplify this. 12 13 Marks from American Rivers. 14 You know, when you look at the purposes of 15 scoping in terms of evaluating the direct, the indirect, the 16 cumulative impacts, the range of alternatives, you know, it's hard to at that point determine what is a superficial 17 18 issue and rule it out. I think scoping should be thought of 19 as kind of a broad opportunity to examine all the issues out 20 there and put them on the table. 21 MS. WEST: Thanks. Any other comments? George? 22 I'll just -- the scoping process is MR. MARTIN: indeed directed at identifying the issues for further 23 24 consideration. And there are certain issues that will come

up that just don't warrant further consideration, and that's

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what scoping is all about. I think we need to be very 2 diligent during the scoping timeframe, stay with the 3 timeframe, and make those things happen. And I think it's 4 incumbent upon the applicant to provide the information 5 that's necessary to lead that discussion and it's up to FERC 6 and the other regulators to understand when we come upon issues that are just unrelated to the continued operation of 7 8 the project and any effects that might be placed upon the 9 environment. And that's just what it's all about. I mean, 10 you have to buckle down and come to some final list of 11 issues that warrant further consideration. It's a tough job, but that's the goal of scoping. 12 MR. GILDEHAUS: This is Jeff Gildehaus with the 13 14 Forest Service. 15 Having not seen the final NEPA document that will come out with PPL Montana, Mystic Lake project, I would also 16 17 think that if there were comments that were given in the 18 scoping process but that were not substantive issues, that 19 in that final document that it would be disclosed that these 20 were issues brought to our attention but, for one reason or 21 another, did not warrant any further review or consideration 22 or were dismissed from further review. So there's a way to document that as well in the NEPA document itself. 23 24 MS. WEST: It sounds like that's tracking with

what George was recommending as well.

Т	MR. MARTIN: Right. And I don't want to say that
2	once the scoping door closes, it's over. It's a sequential
3	process. You therefore later receive further comments on
4	the PAD and on the scoping document and it's incumbent upon
5	the licensee to put together a proposed study plan which
6	undergoes further comment and consideration and review and
7	more meetings. And the issues tend to be further discussed
8	and further refined during that process, and then you
9	finally come up with a final study plan which it should
10	address the issues that need further consideration. It's
11	not all said and done once that scoping meeting has been
12	concluded. There are further subsequent steps before you
13	lead to the director's determination.
14	MS. WEST: Okay. Any other comments?
15	(No response.)
16	MS. WEST: We're a little bit over, so I think
17	it's time for our break, time for candy bars for our great
18	panelists. So we will mail you some on the phone and George
19	and Robin, thank you.
20	We will start promptly at 1:00 East Coast time,
21	so it's 20 minutes. That means for the folks here the
22	cafeteria is right there and I hope the lines are quick, but
23	we will restart at 1:00 in fairness to folks hanging on in
24	the phone and the videoconference.
25	(Whereupon, at 12:40 p.m., the conference was

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       recessed, to reconvene at 1:00 p.m., this same day.)
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1	AFTERNOON SESSION
2	(1:05 p.m.)
3	MS. WEST: Let's get started. We have two more
4	topics this afternoon and a nice new panel freshly with us.
5	Now we're going to do study requests and study plan
6	development. And I should note I think everybody knows
7	in this situation we're only going up through the study plan
8	process because not many licensees have gotten beyond that,
9	so we're going to limit our conversation there.
10	Just to give a heads-up of who's with us in this
11	panel, we have Jim Canaday from the State Water Resources
12	Control Board in California with us on the phone. Jon
13	Jourdonnais on my left from PPL Montana, the Mystic Lake
14	project oh, Jim is on the DeSabla-Centerville project.
15	Elizabeth Nicholas from the Upper Chattahoochee River
16	Keepers with me on my right from the Morgan Falls project.
17	And we had Kathy Turner, but instead we have Dennis Smith
18	from the Forest Service participating by phone, who's also
19	on the DeSabla-Centerville. So thanks panelists. I'll do
20	my usual up front with a few slides on what we've heard so
21	far.
22	(Slide.)
23	MS. WEST: Many stakeholders want the applicant
24	to include as much study detail as possible in the PAD, and
25	I'll show these recommendations and come back to them in the

1 Q&A, because this has been an important best practices 2 discussion we're having together. They use the study 3 criteria to explain why the information is needed and the 4 criteria are also helpful -- people feel they are very helpful and we need to be careful to use them constructively 5 6 in a neutral manner. 7 (Slide.) 8 Stakeholders might consider working MS. WEST: 9 together during the study request phase. As we'll get into in the discussion, the criteria that you now need to use in 10 11 requesting studies takes a fair amount of effort and thought, and some have more resources than others and so 12 13 sometimes it's helpful to work together with others, 14 combining your expertise and resources to address the issues 15 you want to address for studies. Consider posting revisions of study plans on the 16 project website for faster and more efficient stakeholder 17 18 review. The idea here is that if you're one of the active 19 stakeholders engaged in this study plan development process, 20 it's really helpful if the applicant posts the latest draft 21 up on the website and that way you know -- you can pull it 22 down and know you're working with the most recent version that you need to look at and review for your own comments. 23 24 (Slide.) 25 The study plan template in the PAD can MS. WEST:

1	be helpful to stakeholders in drafting their requests. This
2	is going one step beyond the seven criteria but sort of
3	putting together a mock study plan request so people can see
4	what one looks like and that gives them an indication how
5	they might want to consider filling out the study plan
6	request.
7	Informal study plan workshops before the release
8	of the proposed study plan is helpful or can be helpful.
9	And I think that's it for my up-front
10	conversation before we go into questions.
11	So giving ourselves a little more time for the
12	Q&A, I'm going to ask some of you questions, not all of the
13	panelists all the questions so we can move it along. So the
14	first question I was going to ask for both Jim on the phone
15	and Jon with me, how do you determine how much detail should
16	go into the PAD, the study requests, and the study plans,
17	and that's a large question. And how do you address the
18	advantages and disadvantages of each, given that people are
19	recommending a lot of detail in the PAD, for instance, how
20	do you deal with then other stakeholders having ownership in
21	what's being shared and presented? So how do you recommend
22	addressing the level of detail in each of those stages?
23	Jon, since you're here, do you want to start?
24	MR. JOURDONNAIS: Sure. Thanks for the
25	opportunity to be here today.

On a lot of older licenses, there simply is no real information that's been gathered at these projects, and so stakeholders and applicants might be starting from ground zero. That was the case at Mystic. And so there isn't a lot of technical information and studies that had been done.

We started early enough that we had a couple of extra seasons of study to prepare. But the level of detail, of course, in the study plans themselves probably is driven by good science. More general types of questions, you know, require more general kinds of studies. Very difficult or controversial issues might need more focused, more intensive studies over a couple different study seasons. I mean, that's probably taken for granted by all the parties here.

So another question might be how central is the issue that's to be studied to the actual PM&E plan that you anticipate preparing. I mean, some of the issues are general resource-based issues. In some cases, they're questions that agencies have because they haven't actually done work themselves on their own system and are waiting for the relicensing window to open to have an applicant help them gather that data. That's been the case for us a couple times.

But the project nexus continues to be really the focus of studies. What actual effect does the project have

that resources -- for the different resources question, and 1 2 so that really drives I think the level of detail that's 3 required. 4 MS. WEST: Okay. 5 Jim, do you want to take a crack at it? 6 MR. CANADAY: Well I think it can be, you know, 7 only experiencing one PAD, so it's kind of hard to look at a 8 range of different methods of doing it. But as far as the 9 studies that come into the PAD, they can be generic -- and 10 that's the case basically that we had, was, you know, kind 11 of broad brush, broad areas, here are issue areas that we 12 intend to study, and then some general language about the 13 study but not detailed as far as protocols or these kinds of 14 things. So you can come in that way. And that's fine. 15 However I think, like I said, when we had the Sacramento mean, I don't think it -- then it falls to the 16 17 agencies or the other interested parties to develop a study 18 plan for the licensee. I think what we do is then work with 19 the licensee to flesh out that and work through that. 20 The optimum way might be to come in with very 21 detailed study plans and protocols, and that way the 22 participants know whether there is a study there that addresses their issue. And, if not, then indeed it's 23 24 incumbent upon them to go through the seven steps and

describe the study that they want to have done and comply

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1 with the seven steps. 2 But there's different ways to do it. I don't 3 think there's just one hard and fast way that works. I 4 think it's flexible within the regs. 5 So but am I hearing that if you had MS. WEST: 6 your druthers -- and the information existed, which in Jon's 7 case, it didn't -- you would recommend more detailed study 8 plans going into the PAD? 9 MR. CANADAY: Well, that's helpful. You know, the more information available -- I mean, FERC has -- or the 10 11 Commission has made statements that the studies -- if you're 12 going to design studies, you want them to answer resource 13 goals and objectives and you base those study requests on 14 existing information. So as detailed information as can be 15 in the PAD and detailed studies that are going to address that information that isn't in the PAD, the better off you 16 are, I think. 17 18 But nevertheless, it depends a lot on the 19 licensee and we've -- or I personally think that the 20 licensee that we're working with on the PAD at DeSabla has, 21 you know, set the bar pretty high. They've been very 22 cooperative and we've worked very diligently together and I think we've had a successful outcome. 23 24 So I'll just follow up and then I'll MS. WEST:

ask if Elizabeth or Dennis have anything to add. But how do

- 1 you deal with ownership -- if the licensee puts a lot of 2 detail in a study plan in the PAD, then how do the agencies, 3 NGOs, other stakeholders feel as though -- you know, 4 sometimes it's the process of inventing that creates that 5 ownership. MR. CANADAY: But I think you need to create 6 7 inertia, and that's indeed what this process is all about, 8 is to have a process that's rolling. I've seen over the 9 years of working in relicensing there's a lot of handwringing that goes on and, of course, that takes time. 10 11 while I think the ILP process -- I'm very much in favor of it and I think it's a great idea. Because it creates the 12 13 opportunity for this initial inertia. 14 We have time -- if we have disagreements or 15 better ways of doing it, there is a process by which the licensee and the public and the agencies can work through 16 17 that. So, you know, I think that as much as you can put on 18 the table and start the inertia going, in my view, that's as 19 good as it gets. 20 MS. WEST: So you mean if the applicant puts a 21 lot out then there's a momentum? And it sounds to me as 22 though you're working together in then refining the study 23 plans, is that right?
- MR. CANADAY: Correct.

25 MS. WEST: Okay. Elizabeth or Dennis, anything

1 to add before another question? 2 MS. NICHOLAS: Well, I think it's critical to 3 have a very high level of detail and specificity in the PAD 4 and the proposed studies in the PAD really need to address 5 the study criteria. Without any of that information up front, it's extremely difficult for stakeholders who don't 6 7 have the same access to the facilities, operational history, 8 consultants or anything else to be able to then try and 9 craft requests that address, you know, very detailed So I think it really needs to come from the 10 criteria. 11 applicant and come as early in the process as possible. And I think for ensuring the right kind of 12 13 information throughout the study plans, there needs to be 14 continuing dialogue and feedback from different stakeholders 15 to allow -- if there are, you know, bad assumptions in there or some areas missed or they're concentrating on the wrong 16 aspect, to get that fixed, identified as quickly as 17 18 possible, and move towards a more effective study plan. 19 MS. WEST: Okay. Thanks. 20 Dennis, anything to add? 21 MR. SMITH: Yeah, I actually would go further. 22 Our comments on the PAD and the study plans were 202 pages because of the seven criteria that we had to address. 23 24 in the PAD, the study was defined as a one sentence with a 25 paragraph, a general description of the study. And it was

so non-specific -- and I'll say that most of these studies are out there already on the shelf. You can cannibalize those, but have already been done and tailor them for the specific project. And the consultants that people are hiring have those and plus the agencies have those. If they had asked the agency, we could have supplied a study plan from previous relicensings. So that put an undue burden on us -- you know, it took 10 people I don't know how many weeks to go through each study.

The other thing is there was, on this particular PAD I think there were 44 studies that were proposed, 15 of which were going to be conducted in the first year. Because of the shortened timeframe, we're running out of time in those difficult studies to develop those studies, and consequently a lot of the onus is on the applicant to get those studies developed earlier rather than later.

And I'll give you a good example. We just found out -- we could get up into the high country because of snow last year, so we just got up this weekend and we have to completely, I think, redevelop the geology study because there was a severe downcutting in one of the spillways. The applicant has told us well we don't have time to do that, you won't get to see that until we submit that to FERC. So there's no opportunity -- and plus they had prior knowledge of this, they didn't develop the study. So if you're not

pro-active, you know, we're left with nothing but going to dispute resolution if we disagree with that study.

So I really think, one, the applicant should start a year earlier and, two, that a fully developed study should be in the PAD so we can hit the ground running as soon as we get that PAD. Because I think we've really wasted three or four months in that process that we didn't have to waste.

MS. WEST: So that's the advantage -- I hate to tell you, but you're all pioneers for a reason, because we're learning from your experiences. And I think that some have hesitated to put detail in the PAD, thinking that it was important for others to contribute, but it's a different process and we're learning from it. So I think we're hearing resoundingly encouraging detail in the PAD to the extent you have it.

MR. SMITH: The difficulty with the applicant is you have agencies like the Forest Service has gone through tens of these, if not hundreds, and we're up to speed. Ther the NGOs, especially the local NGOs, are not up to speed. So you're dealing with two different levels of expertise. And I think, you know, it's hard in this process to bring those up.

The other thing that's going to be evident is that, you know, you start out with a cast of thousands and

1 by the time six or seven years has gone by, you're down to a 2 few hard-core, you know, devotees to this. And so I think 3 you need to keep that in perspective, that, you know, those 4 local people may drop out. 5 MS. WEST: Right. Maybe we won't burn them out 6 quite as badly because of our tighter, more efficient 7 process here. 8 How about -- the next question: what we've heard 9 so far is that the stakeholders responding to the 10 applicant's PAD study requests have had the most difficulty 11 dealing with the study criteria six and seven, the methodology and the level of effort and cost. 12 13 of you who have gone through this have recommendations for 14 what to do to help address those two difficult criteria? 15 Elizabeth, you want to start? MS. NICHOLAS: Okay. Well, first off, I'd 16 17 actually say that that wasn't our situation, that we found 18 Nexus to be the biggest hurdle, in part because it does seem 19 to be somewhat of a moving target and in part because we 20 haven't really had any good feedback from FERC. We have 21 throughout the process, in our comments on scoping, proposed 22 study plan, revised study plan, asked a lot of questions of the agency as well as in the meetings of the kind of detail, 23 24 information that should be included, how that ties to 25 project operations, how we fit the NEPA process in all of

1	this, and that would really impact our ability to show Nexus
2	if we better understood how the agency is going to review
3	this information, what factors they're considering and
4	looking at. And we haven't had any responses on this, which
5	is kind of frustrating and making it more difficult for us
6	to move forward.
7	MS. WEST: Agencies being resource agencies or
8	FERC or both?
9	MS. NICHOLAS: Both. So I think there needs to
10	be better communication from FERC on a lot of these issues
11	and particularly understanding that this is a new process
12	and so there are a lot of issues that will come up along the
13	way and we could really do with a lot better guidance on how
14	to address them.
15	And as far as, you know, addressing the criteria,
16	really applicants have access to a lot of information that
17	we simply will never have as stakeholders. For example,
18	discussions with consultants about actually preparing and
19	implementing studies possibly having done studies in the
20	past, cost information about these things.
21	And where that information is not provided to
22	anyone in the process from the applicant, it doesn't make
23	sense to hold other commenters, other stakeholders, to a

standard of providing information where they really don't

have the same access to that kind of information. The

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1	burden really needs to be on the applicant to put forward
2	enough detail so that when other stakeholders are reviewing
3	that or possibly supplementing or proposing different
4	studies, they have some good solid information to base those
5	proposals on.
6	MS. WEST: Okay. Jim, do you want to handle this
7	question on, you know, how have you handled or how would you
8	recommend addressing criteria six and seven in the study
9	criteria?
10	MR. CANADAY: Well what's really important with
11	the criteria as far as cost that I forget which number it
12	is, seven I guess it is is, you know, what is the
13	Commission looking for? Are they looking for a number that
14	is within 10 percent of the likely real cost, are they
15	looking for a ballpark number? Because it makes a big
16	difference what detail you go into as far as the study.
17	So understanding what FERC is looking for is
18	important to me. And I'm not sure yet what exactly they're
19	looking for.
20	MS. WEST: I'm gonna ask David.
21	MR. TURNER: Well, actually what we're doing it
22	trying to get a handle on what your scope is as much as it
23	is cost. When it really comes down to trying to compare
24	whether an applicant needs to do the Cadillac version versus
25	the Volkswagen is what we're going to have to base our

Т	decision on versus the quality of the data that you're
2	asking to gather. So when we're looking at that study
3	criteria, we're not trying to understand the level of scope
4	and effort that you believe is necessary to gather the
5	information you need.
6	MS. WEST: So for instance, does that mean for
7	cost you could say it's a relatively low cost for the high
8	value of the information you're getting?
9	MR. TURNER: Yeah, we're trying to get into at
10	least the ballpark of what you're trying to do so that we
11	can compare I think it becomes more critical when we're
12	trying to decide between what an applicant is proposing and
13	what an agency or an NGO might be proposing is is the
14	quality of the information you're going to get worth the
15	additional effort and cost that it might be to the
16	applicant?
17	It really actually is trying to put make you
18	think about what you're trying to get at and what you really
19	need from it. So it's just kind of a ballpark so that we
20	have a good idea of how to compare the two.
21	MS. WEST: So you could almost be saying a lot
22	more than the applicants or about the same as the
23	applicants? I mean, what kind of detail
24	MR. TURNER: Along with some justification. I
25	mean, it's kind of like

Т	MS. WEST: I'm nearing you say the justification
2	is more important than the actual costing information.
3	MR. TURNER: Probably, yeah.
4	MS. WEST: Did that answer your question, Jim?
5	MR. CANADAY: Yeah, no, that's quite helpful
6	because we've been struggling to try to understand how much
7	detail they want. And I think the explanation of what
8	they're looking for is a fair one. But we just weren't sure
9	if they were looking for a completely cost-out study, then
10	that's a different issue and would be, you know, a challenge
11	or a roadblock particularly for NGOs but for us as well.
12	But based on his explanation, this seems reasonable.
13	MS. WEST: Okay. Jon, did you want to comment on
14	this one?
15	MR. JOURDONNAIS: Yeah. I think that criteria
16	six and seven are important but they weren't the most
17	difficult for us, and I really don't consider them the most
18	difficult. Probably I would suggest that number one, goals
19	and objectives, and number five, the Nexus are the most
20	difficult.
21	Just to get our arms around goals and objectives
22	from all the different agencies and stakeholders, you know,
23	is probably the foundation for why we're doing anything.
24	It's what's driving them for the regulations they have and
25	other things. And that was and has been probably the most

1	important thing for us to get our arms around. And then
2	focusing those goals and objectives on the Nexus to the
3	project operation or impacts was always something that we
4	needed to continue to remind ourselves. And so I would see
5	those, number one and five, being actually more difficult.
6	MS. WEST: So actually it sounds like Jon and
7	Elizabeth are agreeing that clearly goals and objectives and
8	then being clear about what the nexus is to the project is
9	the most challenging?
10	MR. JOURDONNAIS: We didn't struggle a lot with
11	methodology or science. We had biologies from agencies in
12	the company working together in the field, and they worked
13	out fairly quickly what needed to be done. And our
14	stakeholders were fairly conscious of cost, because early on
15	we talked about it being a small project with a low economic
16	potential to do things very creative, although we were
17	surely going to mitigate for our impacts. Those things were
18	all discussed up front. So we didn't have to wrestle with
19	those issues too much.
20	MS. WEST: Okay. Dennis, do you have anything to
21	add with your 200 page request?
22	MR. SMITH: You know I would only say that some
23	methodologies were no-brainers because we've done them so
24	many times there's nothing new on the horizon. Other
25	methodologies like take amphibians. In California,

1	amphibians are where we were at with fish 10 to 20 years ago
2	in study development. The methodology is continually
3	evolving as we find out more and more how the projects
4	impact the animals. And so those are difficult and those
5	are the ones that, frankly, we've left kind of until the end
6	to make those hard decisions.
7	The issue of cost, level of effort and cost,
8	unless you're a consultant, you know, an agency really
9	wouldn't know how much it would cost because we never see
10	the applicant's balance sheet of how much they actually pay
11	for a study to the consultant, and plus their in-house
12	personnel. So we just ballpark that and it's a total swag.
13	MS. WEST: Okay. Anything else, folks?
14	(No response.)
15	MS. WEST: All right. We'll try the next
16	question.
17	In the ILP process, you have a higher bar for
18	adding new studies later in the study development process,
19	once the study plans are approved and you're off doing
20	studies; in later years if you want to introduce new
21	studies, it's more difficult. So how do you anticipate
22	future study needs in your initial study request when you're
23	dependent on the study results to know later study
24	results may bring up a new study request in mind. So how do
25	you anticipate those and put those in your initial study

request? Anybody want to take that one on? 1 2 This is Jon Jourdonnais. MR. JOURDONNAIS: 3 think it's uncertain when you start a series of studies what 4 follow-up is going to be required. And I think, too, with 5 the short study window you have, a two-year window in ILP, 6 you're trying to compress all the study needs into at least 7 a two-year window, maybe a one, and answer all the questions 8 you think you're going to need to move on from there. 9 becomes an issue of trying to compress all the studies -- in 10 our case, 18 -- into a very short study season or window of 11 up to two years and try to do all we can. Questions aren't totally answered maybe within 12 13 that timeframe, I think one needs to step back and ask how 14 essential the information is to move forward to say a 15 preliminary licensing proposal or a final license application, because some of these data needs may be long-16 term monitoring needs that could continue over the course of 17 18 the license on intervals, and they aren't really required 19 right now to answer up front questions to develop PM&E for 20 example. So maybe there's a balance in how important the information is to, you know, develop PM&E versus how 21 22 important it is to just continue to monitor certain things over the term of the license, which, you know, maybe is a 23 different level of detail. 24 25 MS. WEST: So where you think it's -- the

1	provision would likely be a monitoring provision, then you
2	don't have to worry about it three years up front because
3	you're going to do third-year moyers forever after.
4	MR. JOURDONNAIS: And those are going to be
5	study-specific and project-specific.
6	MS. WEST: Okay. That's one suggestion.
7	Elizabeth, do you have one?
8	MS. NICHOLAS: Yes. I think that the best way to
9	combat this sort of problem is to have continuing work
10	groups and dialogue. So that as you're going along in a
11	well, first the development of the plan, but then as you're
12	going along with the study and new issues come up, you have
13	people there who are looking at it and are able to maybe
14	adjust the study or make decisions on how to move forward
15	based on the information you're finding out as you go along,
16	instead of waiting until the end of the process when the
17	study has been completed, people have their comment period.
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19	Getting that information to everyone involved and
20	interested and having them work together on it throughout
21	the implementation of the studies I think will make it much
22	more everyone much more able to get all of the
23	information they need out of the studies and deal with
24	having to add on additional studies if necessary.
25	MS. WEST: So I'm hearing sharing study outputs

1 frequently and on-going consultation would help.

MS. NICHOLAS: Yes.

3 MS. WEST: All right. Dennis or Jim?

MR. CANADAY: Well I'll speak to one example. If we're working with a licensee and we want them to do kind of a reconnaissance survey the first year and then if we get -- let's just say we're talking about water quality and we're looking for mercury. And we're asking them to do fish tissues and look at some of the substrates behind the dams, we would say okay well the first year we're going to do this kind of reconnaissance and then if, indeed, we have some hits, we'll look at that and see, you know, in the second year if indeed we need to do a more intensive survey. So I think there has to be some flexibility there for those kinds of things.

And I think the reason for this particular -- the burden of coming up with new studies is in fact to avoid late hits. And I will be the first one to suggest that those things happen. So I don't think it's there to discourage the going after important information. And there has to be some recognition that some of these things, as we go to study them -- particularly like one of the other commenters said, they're coming into a project with very little information. So it's like a new project, brand new project.

1 So as you go into the field and conduct your 2 studies and you may, indeed, come up with more questions 3 than you have answers and some of those questions may need 4 to be answered. So there has to be that kind of 5 flexibility. 6 MS. WEST: So you're saying make sure there's flexibility in the initial study plan to acknowledge that 7 8 you may adjust methodology, intensify the process based on 9 what it is you're finding. 10 MR. CANADAY: Correct. 11 MS. WEST: Okay. Dennis? I agree with Jim and Elizabeth both. 12 MR. SMITH: 13 I think we need to keep these study groups going as the 14 studies go on and make decisions throughout the process. 15 One way we've done it on the DeSabla is we have a phased 16 approach, a tiered approach. So depending on the first year 17 studies and possibly the second year studies, we decide what 18 level of effort is needed for that last year in the study. 19 The difficulty I think is with dispute 20 resolution. And I think we've solved that. FERC has said 21 that we can have dispute resolution in the second year if we 22 don't agree on those later phases. Because if we don't have that flexibility in dispute resolution, we have to make a 23 24 hard decision in the very first year, which means we can't 25 really rely on the information that we've gathered in that

1	first year to make those second year decisions. And so I
2	think that's really important for FERC to hear is that we
3	really appreciate that dispute resolution has been extended
4	from the first year and the first decision on the studies to
5	the second year when we're making those decision on the
6	later tiered studies.
7	MS. WEST: Let me just those of you not in the
8	room, I'm looking at a lot of funny faces from FERC. Do you
9	want to comment on that, FERC or would you, whether you
10	want to or not.
11	MR. TURNER: Susan, did you want to comment?
12	MS. O'BRIEN: This is Susan O'Brien. I'm the
13	project coordinator for the DeSabla-Centerville project.
14	Dennis, I hope I can clarify this correctly.
15	What we have done in a few of the study plans is
16	incorporated a phrase into the study plan saying that these
17	things that can't be for instance, some of these final
18	issues that can't be resolved is why we're actually out in
19	the field. Maybe study cites or how many replicants for
20	instance for flow study.
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1	MS O'BRIEN: We've added the phrase that if the
2	group can't decide, it will be given to FERC for final
3	determination. Nowhere do we say that we would open it up
4	for dispute resolution, but we use the phrase and we let the
5	group know that they could come back and ask FERC to make
6	the final call on some of those instances.
7	MR. SMITH: That's my misunderstanding. So that
8	actually causes a bigger problem them, because we need to
9	make final decisions. Let me ask you a specific Susan. On
10	the amphibian study, we've got three alternative.
11	MS. WEST: You have to be careful. I'm afraid I
12	have to do that programmatic ground rules Dennis.
13	MR. SMITH: Okay, okay.
14	MS. WEST: You weren't there, but you might want
15	to call after the conference and we can talk project
16	specifics, how is that?
17	MS. O'BRIEN: So we will clear this up in the
18	near future, Dennis.
19	MS. WEST: Okay, how about questions from the
20	audience, and again, let's keep ourselves at programmatic
21	level as we can, and we are learning collectively. Any
22	questions from this group?
23	MS. HART: Joan Hart with the National Park
24	Service, and I'm not sure I'm outside the groundrules by
25	directing this to John, but I would direct it more generally

1 to everybody. 2 But it sounds like in Mystic Lake, you actually 3 developed a study plan with collaborative working groups and 4 if that is indeed the case, could you describe that a little bit and to also comment on how successful that was in 5 6 getting agreement on the study scope and methodologies. 7 MR. JOURDONNAIS: This is John. We basically 8 started the whole process by having Steve Hocking come out 9 and describe in detail the ILP process and from that point on, it was really a collaborative effort to develop the PAD 10 11 and the components of the PAD. Agencies contributed, stakeholders contributed 12 13 and the scoping was collaborative informally between the PAD 14 filing and the scoping sessions, we scoped with agencies and 15 stakeholders and the development of the study plan then was

very much easier because of all that.

So I know the ILP doesn't require collaborative, but in our case, we did want to achieve consensus and were able to do that on most of the items on the PAD, in the study, the study plan itself.

We also provided a mechanism where PPL Montana will consider early implementation of PM&E measures in exchange for detailed studies where they weren't needed.

Obviously, some studies are going to need to be focused and detailed, others are more general and one

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Τ	mechanism to avoid doing costly studies that aren't really
2	required is, maybe in terms of negotiation is, the concept
3	of providing early PM&E measures, even ahead of the issuance
4	of a license in certain situations.
5	I don't suggest that's appropriate for everybody.
6	MS. WEST: I guess that's where the PM&E measures
7	relatively.
8	MR. JOURDONNAIS: That's where the PM&E measures
9	are more or less intuitive as to what they might be and
10	there wouldn't be any large disagreement with it.
11	That stretches a few people, and I realize that,
12	but it's something I wanted to mention, it's just an
13	alternative. It's something that at Mystic we talk very
14	openly about and the agencies, and so for a Burk and others
15	have been fairly receptive to.
16	MS. WEST: Just to help answer John's question
17	because I'm mindful, we're hearing collaboration and
18	consultation and work with each other, and at that same
19	time, I'm hearing people looking pleased to see deadline
20	and efficiencies.
21	So how much how many meeting? Is it years and
22	years or a few intense months?
23	MR. JOURDONNAIS: No, we might basically have a
24	year of fairly quick meetings with the different resource
25	group before the PAD was filed, so we started studies, the

1	company did, in consultation with agencies about three
2	years. I had a PAD and started basically gearing up for
3	formal meetings, working groups a year before the PAD filing
4	and continued to have those working group meetings as we
5	thought it was appropriate if it was in the regular
6	scheduled. We had those as we needed them to get us through
7	the process.
8	MS. WEST: Okay. Maybe I'm going to put David on
9	the spot for a second because I know David, I believe, in
10	December you had some workshops addressing study plans. Do
11	you want to share? Lean over the table now, now we know
12	you're going live.
13	MR. MOLLER: Hi, I got to make my sound
14	adjustment here. We used a number of workshops on study
15	plan development. This was part of the same theme and
16	spirit of a outreach and helping all participants
17	participate effectively like we used for the PAD development
18	and the scoping we didn't apply the same sort of approach to
19	study plan development.
20	What we did, we also had informal study plan
21	development workshops between scoping and the time we
22	actually filed our proposed study plan.
23	So we focused on a specific group of studies at
24	that point that we hoped to get going in the first study
25	season, and then we developed a proposed study plan that

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1	then became the basis for the specified study plan meetings
2	which turned out for us, I believe, it was nine days of
3	meetings, in addition to the four or so days of workshop
4	that proceeded the proposed study plan.
5	This prove to be pretty effective and I want to
6	kind of get back to a point that was touched on earlier
7	because it ties right into this, in that, we found one of
8	the major learning so far in our pioneering ILP was exactly
9	this point of how detailed should the study plans be and at
10	what time should they be that detailed.
11	And going in, as one of the pioneers, our
12	conclusion was along the lines of some of the questions you
13	asked Anna, is if we got the study plans too detailed
14	without input from the other participants in the proceeding,
15	that they would be rejected, that we sort of co-opted
16	everybody else in a proceeding.
17	What we've heard from a couple of participants in
18	that proceeding and the others, is exactly the opposite,
19	that the people wanted a lot of detail.
20	So this has been a major learning in our
21	proceedings and we are actually starting our second ILP.
22	We're working on a second PAD right now. We're having out
23	first outreach meetings on our second ILP proceeding next
24	week.

So we're applying these lessons learned right

now, and I think that the solution where we're headed, and I 1 2 would recommend this to other licensees on how to deal with 3 this issue of the desire for detailed study plans, but how 4 far to take it in the PAD, is to kind of do both. And by 5 that I mean, keep the PAD simply so it works for those who 6 don't have the sophistication but simultaneous with preparation of the PAD, prepare a set of detailed study 7 8 plans that can be provided either at the same time as the 9 PAD, or immediately thereafter. 10 So those who need to learn about the project and 11 make project learning and ILP learning their major focus, 12 can focus on the PAD, but at the same time, once the process 13 starts working towards development of the study plan, that 14 there is a detailed set of study plans available for all to 15 use. In the case of DeSalba, we had to really scramble 16 17 then to develop this -- the licensee had to really scramble 18 to develop a set of detailed study plans for the 19 participants to then comment on. 20 So this was a major learning of ours and I think 21 that solution of -- can you stop -- and again, this would be 22 a project-specific consideration that would have to be made is, if a project only had very simple studies, it might 23 24 totally work to include detail study plans from the PAD. 25 In the case of DeSalba, the composite of all the

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detailed study plans was as big a document as the PAD. 1 2 That's a pretty big PAD if you put all those in the PAD. So 3 some sort of combination, I agree, is incumbent on the 4 licensee to take the first stab at developing detailed study 5 plans. 6 Whether those are put into the PAD or presented 7 as a companion document, moving into study plan development, 8 I think either one of those would work on a project-specific 9 basis. 10 MS. WEST: Okay, thanks. Analysts, any other 11 thoughts or comments you'd like to share or ask more questions, for folks in the audience? Group? 12 Panelists on 13 the phone, no. Okay, any other questions from folks here or 14 on the phone or video with us? 15 (No response.) 16 MS. WEST: Here we go. 17 MR. SIMMS: Frank Simms from AEP. I'm bringing 18 this from the stakeholders that are involved in our process. 19 And it's just a bit of confusion they have right now. 20 We're in the process of developing study plans 21 and the way the process works is, once we file our initial 22 study plans, then you have your study plan meeting and after that study plan meeting, we're all working together in 23 24 working groups to develop the final study plans.

In the middle there, the stakeholders are asked

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to comment on the initial study plans and writing the FERC. 1 2 And it causes a little confusion because they're saying, gee 3 here we are commenting on these preliminary study plans that 4 we're working with you on to try to finalize and it's just seems like it's something that's put into the process that 5 6 either doesn't belong or just confuses it. It's just a statement from the stakeholders that 7 8 I'm getting. 9 Is that something Kirk wants to MS. WEST: 10 respond to? MR. TURNER: Maybe I'm a little confused, but all 11 we're asking the stakeholders to do is comment on the 12 13 preliminary study plan. We're using that 90 days for study 14 disputes to work in your work groups and then you follow 15 revised study plan and they have an opportunity to talk about it. So I'm a little not quite following your logic, I 16 17 guess or your question. 18 MR. SIMMS: I think what they're saying is, you 19 know, you have the preliminary study plans already in hand 20 as the stakeholder. You've made your comments, let's say to 21 the applicants on the aide, or you've made your comments at 22 the initial study plan meeting. And what you're getting from there is to be able 23 24 to start identifying what the difference are and what needs

to be modified in the preliminary study plan and start

- working together or you are working together to take care of those issues.
- So here you are working along together to try to develop a final study plan, but in the middle there you're asking somebody to write their comments on a preliminary study plan that's already kind of pass.
- 7 MS. WEST: Liz.

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- MS. MALLOY: One thing is, it's not exactly in the middle. It's just before the revised. It's 30 days before. So I think when this was designed, I think the meetings, and trying to work it out was envisioned before the comments would be filed.
 - Because there is 90 days between the initial plan and the comments, if I counted correctly -- I'm counting wrong. So I think it was sort of in everyone's mind that the meetings would occur, or any discussion would occur before that time and then comments could be filed by different ways.
 - But it is an option for people to get their comments on the record directly, kind of thing. I don't know if that clears anything. It might make it more confusing.
- MR. SIMMS: I see where you're saying if you look at it as an option, if somebody wants to get their comments in writing, that's one thing, but basically there is people

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1 out there that feel they have an obligation to make comments 2 even though we're working in working group sand commenting 3 again on something that's kind of just -- it could have even 4 been that one of the study plans you changed totally during your group discussions, but they still feel obligation to 5 6 comment. It's just is a clumsy little step in there, I 7 8 think, for some of the people that are involved in the 9 That's the comment I'm getting. process. 10 So I guess one way to address that 11 would be to make the comment period shorter but I would image there would be great concern if you need to do a 12 13 thoughtful job responding to the criteria, to have adequate 14 time to prepare those responses. 15 MR. SIMMS: If I was going to make a suggestion from the experience on this, would be, I would get rid of 16 17 this step, period, because the people or the participants 18 are going to comment on your final study plan, anyhow, that 19 they should be working on with you. And that's where really 20 the substantive comment should be coming from. I think it's just -- it serves to them, and even 21 22 to me, it just doesn't seem to serve a lot of purpose. I think, if you're been working 23 MR. TURNER: 24 along in the study plan meetings and have gotten resolution,

hopefully their comments will be that extensive on your

1 proposed study plan, because it should reflect any 2 discussions that you had in those 90 days. So if I'm 3 picturing your point, right? 4 MR. SIMMS: Right, but the people who are 5 commenting are reading the rules, and the rules says, 6 comment on the preliminary study plan, don't comment on what 7 you've been doing so far, comment on what was filed with the 8 FERC. 9 I'm finally getting the picture. MR. TURNER: 10 MR. MOLLER: Anna? 11 MS. WEST: Yes. This is David Moller of PG&E. 12 MR. MOLLER: comment on this? 13 14 MS. WEST: Sure. 15 MR. MOLLER: I think Frank has raised a very good 16 point here and it has come up in our proceedings exactly the 17 concept of participants in the proceeding wanting to follow 18 the rules as written down here, and yet the actual process 19 sort of begs for a more informal approach. 20 So here is the problem as I see it, just to amplify on Frank's comment is, not only does the other 21 22 participants have a requirement to comment on the proposed study plan, so they feel some obligation to that, but in 23 24 fact there is nothing writing that captures the agreements 25 to resolve disagreement on that proposed study plan that may

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1 have been worked out in the study plan meetings. 2 So it's sort of a double hit here from the 3 perspective of participants. And I'd like to share with the 4 participants today, a tool that we've developed on DeSalba to at least help with the second part and by so doing, kind 5 6 of help with the first part. And what the licensee took on was to track all 7 8 the comments made in the discussions, the study plan 9 meetings, with regard to the proposed study plan. 10 And so as a given verbal comment on the proposed 11 study plan was resolved to the satisfaction to the participants in the study plan meetings, the licensee would 12 13 document what the comment was, how it got resolved, will it 14 be adopted in the revised study plan. 15 Then what we did was encourage the participants in the proceeding then to rely on that track record of the 16 17 status of all the comments in inputting their comments on 18 the proposed study plan. 19 So they would have a document that says, okay, 20 there were -- I'm just going to pick a number -- 100 21 comments made during the study plan meetings regarding the 22 proposed study plan, these 80 comments have been resolved and the licensee will revise the plan to accommodate those. 23 24 These 20 remain outstanding.

Those 20 then, it can become the basis for

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1 comments on the proposed study plan. We haven't see yet 2 whether our participants will follow that path, but that's 3 how we've tried to set it up so they wouldn't have to 4 comment on the 80 comments that have already been resolved. 5 There is an interesting conundrum in MS. WEST: 6 the study plan development process and I was going to have 7 the panelists to have a go at it. Jim. MR. KEARNS: We had a slightly different 8 9 approach. 10 MS. WEST: Jim Kearns from. MR. KEARNS: Oh, Jim Kearns, Public Service, New 11 Hampshire. We used a slightly different approach and maybe 12 13 it's more appropriate for a smaller project like Canaan, but 14 when we initially distributed our draft study plans for the 15 90 day comment period, we didn't want to just wait 90 days, get written comments and then we have 30 days to incorporate 16 17 that into a final study plan. 18 So as we had meetings with the agencies, we'd 19 wrestle with -- we had a total of nine study plans that we 20 developed. We would meet, we would talk about or draft 21 study plan, they would point out where, you know, we 22 interpreted things differently than they intended, what have you, and rather than reducing all of that to meeting 23 24 minutes, we just went back, revise the study plan and sent

it out within that 90 day period and said, are we closer

- now, are we there yet, so that by the time the 90-day period was up, we were in agreement.
- MS. WEST: So you made the study plan a living, moving document through the discussion.
- MR. KEARNS: Exactly, rather than attaching
 minutes to it, because the trust is built when they see it
 in writing and a study plan, a revised study plan has more
 weight than meeting minutes.
- 9 MS. WEST: Jim and Dennis and John, do you have 10 any comments?
 - MR. JOURDONNAIS: This is John. We had the same issue, Frank, at Mystic, in the sense that we were trying hard to resolve issues after filing the initial study plan and then having to stop and the Agencies felt compelled, I think, this being the mandatory conditioning agencies to provide comments, which when they were filed really didn't reflect where we were.
 - So it was awkward for us and we resolved it in the end. PPL actually then filed additional comments on their comments before the Commission plan determination.

 But from the perspective of the group trying to resolve issues and reach consensus before an actual final decision was made, that was real cumbersome for us. A lot of anxiety over what should be filed, are we going to miss an opportunity or not.

1	If it were optional, it was clear it was
2	optional, that might help, or jut do away with that step
3	altogether, would be in hindsight my recommendation.
4	MS. NICHOLAS: I'd like to comment.
5	MS. WEST: Yeah, Elizabeth.
6	MS. NICHOLAS: I guess I'm probably coming at
7	this one from a little bit different of a perspective and we
8	didn't have work groups, we didn't have a lot of
9	collaboration, we didn't have a lot of meetings on these
10	things.
11	So when you're in that kind of situation, I think
12	there are few things going on. How does this process work
13	of negotiating out study plans, but also what is within
14	FERC's purview, and what is their role supposed to be versus
15	the applicants and stakeholders.
16	I think there is certainly a difference, and it's
17	interesting to hear how it's gone in other proceedings, of
18	whether negotiations are supposed to be between stakeholders
19	and the applicant, versus stakeholders and FERC, or some
20	sort of combination of these.
21	I think that having the opportunity to comment
22	for stakeholders is very important, particularly where you
23	don't have ongoing workgroups and you aren't getting
24	feedback on your recommendations and discussions along the
25	way. It's sort of an emergency safeguard there to make sure

1 you get your thoughts and concerns on the record.

I would rather see things go where there is more collaboration and work groups. I mean it's not required in the regulations right now, but I think that that would certainly be something to consider in certainly a best practice to have these sort of updates when revised plans along the way or the recording of agreements made on these revisions, I think will be very helpful in moving forward, but I would be very hesitant to say that we should remove the comment period.

MS. WEST: David.

MR. TURNER: We were just kind of still talking, Liz and I going back, and we kind of look at the regulation. I'm not sure where the confusion is arising here but the regulations in 5.21 do provide for comments to reflect the accommodations reached during those discussions.

So maybe we need to make that clearer in our discussions in outreach in terms of how that occurs but obviously, we're looking for comments back on the proposed study plans that do reflect those discussions during those study plan meetings.

MS. WEST: It may be a misinterpretation of the rule but it also may be given that there is not necessarily a formal record of the revised plan, may make people uncomfortable commenting on something they don't really

- 1 have.
- 2 MR. TURNER: That could be, but we would hope
- 3 that they would at least explain what their understanding is
- 4 from the study plan development meetings.
- 5 MS. WEST: Question? George.
- 6 MR. MARTIN: This is George Margin, with Georgia
- 7 Power. Just an observation and a comment and we must all
- 8 recall we all pioneers. There are seven of us trying to
- 9 road test this thing.
- 10 MS. WEST: Some of us finally call you guinea
- 11 pigs, but for public purposes, we'll call it pioneers.
- 12 MR. MARTIN: Right. This is good discussion.
- 13 This is good to have the effectiveness measurements taken
- and perhaps subsequent proceedings will take to heart some
- of this creative license, if you will, to craft a process
- that's the particulars of a proceeding.
- 17 To reflect back on bringing this rule to life and
- 18 us guinea pigs, the rule and the timelines are well written.
- 19 The first time where the notion of including a list of
- 20 issues, a list of studies, and a list of the impacts, is
- 21 captured in the regulations that require the content of the
- PADS.
- Then that set of information undergoes a comment
- 24 period by the ruling. And I'm not going to go through the
- 25 rule, but every time a document is created, there is a

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1 review look, and so I just urge caution in pushing too much 2 information, additional information than what was already 3 added to the PAD to go into great detail as the study 4 planning process will reveal later. 5 That's what NEPA is all about. It lays the 6 ground work initially with initial information documents, if 7 you will, PADs or scoping documents and what not, and we 8 came upon that with some caution. Why are we going to go 9 through a NEPA process if indeed in the PAD, we are going to 10 resolve the studies at a very detailed level, we are going 11 to identify he impacts, and we're going to say how we are going to move forward with those things? That's what the 12 13 subsequent steps in our opinion are to be. 14 And so I just, you know, reflecting on being the 15 initial projects there, obviously are many different ways to skin a cat. 16 17 Jim and Dennis, do you have any other MS. WEST: 18 comments to add? 19 MR. SMITH: This is Dennis. I would go the other 20 Because of the shortened timeframe and we already have 21 a few studies that we probably are going to flip a coin at 22 the end because we have run out of time. The more information in the PAD and the more detail the studies, the 23

sooner we can come to resolution, and with 40 or 50 studies

and so few people on both sides, I think it's imperative

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Τ	that we start earlier if we can, and you have as much
2	information up in front.
3	Because the more information you have, the more
4	detail you know about the subject matter and the more
5	detailed you can become on developing the studies earlier.
6	MS. WEST: Do you have any comment, I think it
7	was Frank's original conundrum from stakeholders in his
8	process, this duel track of filing a comment at the same
9	time you're working on reconciling study plan?
10	MR. SMITH: You know, my feeling is, we'll file
11	the comments. PG&E is great with creative groups. They
12	have been over the years and we work together but we still
13	have a responsibility under the rules to file our comments.
14	We do that and we do that because we want it in
15	the record on what our issues are and if we do go to dispute
16	resolution, FERC has a clear idea of the process we've gone
17	through to get to that dispute resolution.
18	The other part of that that I think in this ILP
19	that I would say is probably the best thing about ILP is
20	that FERC has upfront participation through the process.
21	And so they can see the issues as they develop through that
22	study development process where in the old ALP and TLP, they
23	didn't have that visibility.
24	I think, for the decision makers, even though if

we go to dispute resolution it's going to be independent

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1 people, but I think it's important for FERC to understand 2 the site specific issues that we go through in each one of 3 these processes. 4 MS. WEST: Basically you do both. 5 MR. SMITH: Yeah, I think the other good thing 6 is, I think there are good moderating factor in the meetings 7 and they help us, especially in this process because it's 8 new, it helps us with some of the detail and some of the 9 confusion. 10 MS. WEST: Jim do you want to add anything on 11 this dual track of providing comments while working out study plan? 12 MR. CANADAY: Well, I'll just echo Dennis's 13 14 comments but I'd also like to add, even though it is an 15 echo, that I think there is great value in FERC's staff 16 participating in these processes. 17 I think that's one of the big upsides to this is 18 having them there. Many of the meetings on the phone 19 conferencing in so that they can answer questions regarding 20 the new rule or how would the Commission look at a 21 particular question. 22 I'm just trying to link that to what 23 Dennis is saying. The tempering factor that FERC may play. 24 What I'm hearing is just educational in the rule but too, if

there are disputes between the resource agency and the

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1 applicant, FERC helps by explaining what they are going to 2 be looking for, and that helps people resolve issues? 3 that what you're suggesting? 4 MR. CANADAY: Well, that's correct. That's one 5 of the things but it's just also the fact, I don't know if 6 it's just misery loves company. 7 (Laughter.) 8 MS. WEST: That's one way to summarize this 9 process. 10 MR. CANADAY: That they are participating in the 11 process and they have a vision of many different kinds of projects across the country, many of them I suspect, and 12 13 that's a valuable resource. 14 MS. WEST: Okay, thanks. Well, study plan 15 panelist, any parting comment? We've said it all? Elizabeth is on the way. 16 17 MS. NICHOLAS: Just as I've sort of mentioned the 18 few times, I guess, and I understand certainly the Agency is 19 working it out certainly the same way we are of how the 20 process works, but I think there needs to be a bit more clearly defined role of how FERC does and will participate. 21 22 I think having Agency participation along the process is great and certainly want FERC out there and 23 24 involved. But as to their relationship with the applicant

versus stakeholders and what issues they will and won't

- 1 weigh in on, I think that it would be helpful to have a 2 little bit more clarity on that. 3 MS. WEST: Okay, thanks. 4 MR. JOURDONNAIS: Just one thing that occurs to me listening to all the panels today is, how does FERC lack 5 6 consistency with the rule but main flexibility for 7 individual projects. 8 Maybe the ILP does that, but to me that's really 9 the balance is not losing flexibility and individual projects like we've talked about, but one where it's more of 10 11 a consensus, one where it's maybe more of a controversial. For an applicant, that flexibility is very 12 13 important. I think it is to stakeholders too, but then 14 maintain consistency with the rule as you guys need to. 15 That's a big job. Maybe you're close to doing that with ILP, I don't know but it sounds like we might be. 16 17 MR. TURNER: Looks like you're looking for a 18 We are trying to maintain consistency. We are 19 meeting our regular base, talk about how our projects are 20 moving forward, what issues are coming up and trying to view 21 that as a process. 22 I think we are applying these things as flexible as anybody else and it is a pioneer for us as well as we're 23 24 still learning so we're taking that to heart.
- MS. WEST: Jim and Dennis, any parting thoughts?

MR. SMITH: The only parting thought that I would have is that this is the first time we've gone through this. We are very nervous that we will not have enough time to completely develop all the studies, especially the difficult studies and that we are actually coming down to our last meeting in a week or two and we have two days, I'm going to ask for three days, because of some unexpected surprises.

It remains to be seen how effective this process is. I think it looks good from the standpoint of having

is. I think it looks good from the standpoint of having steady plan development drag on for two or three years. I think that was counterproductive and it cost the applicants too much money.

Plus, frankly, the agencies didn't have that kind of manpower to supply with this budget, but I think the jury is still out. I think the process is more effective but I don't that we are going to come up with all of the answers we need by the end of this study process development and if that is the case, we will go to dispute resolution.

I would have liked to see a little more flexibility to try to resolve those issues that would go to dispute resolution but we have to go to dispute resolution because there is a firm deadline.

I think the better process is not having somebody arbitrate it but to come up with some consensus between the

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1 applicants and the licensee and the agencies and NGOs. 2 MS. WEST: So we will send you an extra candy bar 3 Dennis since you all need extra juice to get through those 4 last three days on study reconciliation. Jim any parting 5 thoughts? MR. CANADAY: Well, I'd like to be more 6 7 optimistic. As I think I said earlier, I think this process 8 has great potential. We're all going to be stumbling in the 9 dark a little bit as we try to work our way through it. We 10 heard from Commission staff that they're learning as they go 11 as well. So I would just encourage everybody to kind of 12 13 keep the faith and work, at least my experience working with 14 PG&E on the DeSalba, that they have -- David has made a 15 tremendous commitment to make sure that this project or 16 process work as my agency has and I think it offers great 17 opportunities so I'm hoping that everybody else can commit 18 to it and buy into it and we can make it a success. 19 MS. WEST: Perfect segway to our last segment. 20 Thank you. So I want to thank these panelists and give you 21 your candy bars. Thanks and thanks Jim and Dennis on the 22 phone. Everybody, you're still with us for the last segment but I'll move on to the next one and I think we need to 23 24 change out our panelists.

While they're taking their seats, we have David

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1 Moeller on the phone, everybody knows his voice by now, and 2 joining me is Jim Kearns, who you also know by voice from 3 Public Service New Hampshire on the Canaan Project, Jeff 4 Duncan who was switching your hats and things. Jeff is with the National Park Service and the Morgan Falls Project, and 5 6 John Seebach from the Hydro Power Reform Coalition. 7 Thanks everybody. All right, this is kind of a how are we doing on the ILP and I will share just a few 8 9 slides and we will get into our discussion. 10 (Slide.) 11 Well, we have already heard this theme but people 12 really are encouraging and please to see FERC's involvement early and throughout the process. They've said it's very, 13 14 very helpful. Again the applicant is in the best spot to 15 help everyone to be ready when the train leaves the station. This is a theme that some like and some don't but 16 17 it's a pretty fast moving train so get on and be ready to 18 roll and people are suggesting the applicant is really in 19 the best role to be able to launch that process. Be 20 inclusive and helpful, try to get everyone involved early in 21 the process. 22 Recognition in this process that the ILP is a front loaded process and that you need to plan ahead and 23 24 prepare for active participation. So stakeholders be

prepared to be very engaged upfront. You can't sleep

through the first few years and then wake up. We've got to be there from the get go.

Licensee, I think or applicants have certainly been sharing how much work it takes to put a quality PAD together upfront and be ready for that intense study development process.

7 (Slide.)

Think about using the resources on FERC's web page. Their website e-subscribe and the e-file systems are really helpful in making things more efficient and having things accessible. It seems, and again we're going to get into this discussion, but people seems to value the ILP timeframes and deadlines. They're very demanding.

We'll have debate about some aspects of them but we've been hearing in all our feedback that people like having the structure and clarity of when it is you're supposed to do something because it may be demanding but it helps you focus on the time when you need and not so extensive so long as some other processes have had us do.

Training on the ILP is really helpful. It gets everybody prepared for t he start. It helps everybody understand what the ILP process is or what licensing is, if they're new to the process, which many are in different areas and helps them understand what's going to be in the PAD, it helps them understand what they need to be doing in

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scoping. 1 2 So all that upfront training is helpful. Others 3 have suggested that the applicant's attitude and willingness 4 to collaborate and engage upfront really makes for a 5 smoother process down the road. So that's that a suggestion 6 people are making. 7 And that's it for overview. Now on to questions 8 for the panelists. Okay, so where we go. based on your 9 experiences in other licensing proceedings and the stage 10 you're in, and again, we're learning only a couple years 11 into this ILP process, or even less than that. 12 But based on your previous experiences and 13 experience to date on the ILP, do you think the ILP is 14 achieving or at least on the right track to achieve its goal 15 of reducing the cost of licensing, increasing the efficiency of licensing while protecting our resources. So I'm looking 16 17 left. Jim do you want to go first? 18 MR. KEARNS: Sure, I'd be happy to. Jim Kearns, 19 Public Service Company of New Hampshire. We started the ILP 20 process just about a year ago, so at this point I can't 21 really comment on the cost savings but I can say that it 22 certainly is achieving greater efficiencies across the board for us. 23 24 Public Service of New Hampshire is currently

relicensing another project, a 30 megawatt conventional

hydro project and so I get a chance to look at them both
side-by-side and Canaan, I have a few notes here.

What I'm finding with the Canaan project, which is a one megawatt project, it's up where the borders of New Hampshire, Vermont and Canada come together. It's in a very remote location, a fairly benign, environmentally benign project, but I'm seeing a four-fold increase in the number of stakeholders in the Canaan relicensing than what I have at this other facility.

That's pretty remarkable. I think to a large part it's curiosity about the ILP process but I think also that FERC has made a very strong impression, at least for the Canaan project, that this is a very different process. The people need to get engaged, get engaged early and stay on top of things or they're going to be left behind.

So I'm finding that the agencies, in particular, they're coming to these meetings much better prepared, they're participating on a more regular basis than I'm seeing at other projects that I've relicensed, not only currently but in the past.

So I think the process is bringing out the best in people, or the better of them, and what I'm seeing is that, I think the agencies, in particular, have much greater respect for this process than they did for the traditional process.

Т	MS. WEST: And yet you're calling it more
2	efficient. So you have more stakeholders you're involved in
3	but you think it's more efficient?
4	MR. KEARNS: I think the rigid timelines are key
5	to that and just getting people out there. I know on
6	traditional relicensing, what I'm finding is that people,
7	agencies and stakeholders, they see it as this long three-
8	year process before FERC ever gets involved.
9	So they feel, I'm just going to sit back, you
10	know, they're just going to fight and bang heads so let's
11	just wait until FERC gets involved and then we'll file our
12	formal comments. But now I think they see that that's
13	changed, or at least they're hopeful that there is a change.
14	MS. WEST: Okay, John.
15	MR. SEEBACH: It's interested that you identified
16	the goals of increasing efficiency and lowering cost because
17	these are definitely very important goals and ones that we
18	share. But from the public perspective, we see a few other,
19	sort of important goals for the ILP as well and thought
20	might be worth addressing here.
21	We think that just as in themselves increase
22	public participation, better outreach and a really consensus
23	driven process are when you are managing a public resource
24	such as you are here, are really important goals in and of
25	themselves.

1 In fact, we are of the opinion that those goals 2 tend to drive the efficiency and the cost production of the 3 process itself. So as to whether it's working or not, I'd 4 say that we are consciously optimistic. We've seen applicants who've made a really genuine effort to get the 5 6 public involved and we've seen FERC staff who go out of 7 their way to make sure that people feel they have a say and have a meaningful role to play in the process. 8 9 We've seen cases where that's not as obvious or 10 forthcoming and we would actually remind FERC that they have 11 a pretty important role to play in encouraging applicants to take the high road, so to speak, to really get the public 12 13 involved. 14 When they see a case where that's not happening, 15 sort of prod and push them to really raise the bar on the 16 process. 17 But it's kind of still early to tell whether any 18 of these goals have been met, because no licenses have been 19 issued, the pubic really doesn't know to what extent or 20 input is going to influence the final license yet, nor do we 21 know whether the actual cost is going to be lower, the 22 process itself is going to be more efficient. But we certainly hope and are encouraged that all 23 24 those things will be met. 25 MS. WEST: All right. Jeff.

1	MR. DUNCAN: Jeff Duncan, National Park Service.
2	I guess my answer is similar. I kind of dissected the
3	question a little bit. It depends on how you measure cost
4	and it depends on how you define efficiency.
5	I think it's certainly possible that the ILP may
6	be reducing initial cost to the applicant but I think it's
7	left to be seen whether or not the long-term costs are going
8	to be any less.
9	The process that I'm involved with, I think there
10	is arguably some stakeholders that are feeling
11	disenfranchised by the process. In the long run, that's
12	likely to result in further arguments on down the road on
13	additional studies, polarization of interest at the table
14	and possible ultimate litigation.
15	MS. WEST: Remember to stay programmatic.
16	MR. DUNCAN: I don't think I have
17	MS. WEST: No, you're doing well.
18	MR. DUNCAN: I think that in the process that I
19	have seen, it is not I would not characterize it as
20	collaborative process. I think that it is definitely
21	adhering to the letter of the rule but not necessarily the
22	spirit of the rule.
23	If you read what's in the preamble to the rule, I
24	think the intent of the people that were in the room, that
25	was not in the room, but the intent of the people that were

1 in the room, or at least the majority of them was to have a 2 collaborative process that was also efficient. And the rule itself is not clear on that. 3 4 is nothing in the rule itself that says it needs to be collaborative. But I think in order to be an efficient 5 6 process, in order to have a timely outcome, a timely license 7 agreement, that a majority of stakeholders and the applicant 8 can live with, that to me is how you define efficiency. 9 The jury is still out as to whether or not we're 10 going to get there. 11 MS. WEST: Okay, thanks. David on the phone. 12 MR. MOLLER: Okay, thanks Anna. You know, PG&E 13 has completed 18 relicensing proceedings and has eight 14 proceedings underway right now, not including the upcoming 15 ILP where we are starting PAD work on right now. So we have some experience to address this 16 question. We've used the TLP, ALP and hybrids as well. And 17 18 I think I can say without question here that if done well, 19 the ILP is definitely going to reduce the cost and increase efficiency for all participants at least up through the end 20 21 of the study period. 22 After that, it kind of looks pretty much like the

other processes in terms of okay, now that we have the

researches need to be address and then the whole process of

information, what does this mean in terms of PM&E.

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1 trying to sort that out.

But at least on the upfront part, if there is the outreach, if there is the collaboration, if everyone successfully gets on board the train when it leaves the

station, I think unquestionably.

And I say this for a couple of specific reasons.

The main one is, you don't have all this wheel spinning.

8 The rubber hits the road, you go, you don't spend years kind 9 of hemming and hawing the low hanging fruit trying to avoid 10 the tough issues.

The information that exist is gathered, we don't have to argue about performing studies that would really be duplicating existing information. That a combination of the timeline, the study criteria, the availability of the information, all provides the discipline to the process that was absent in those other processes.

The other thing that I think it's going to be a huge savings on is once the study plan becomes finalized and gets approved and the study periods starts, I think there could be major periods of time where the participants in the proceeding can basically just observe what's going on and not have to continually engage.

Whereas in those other processes, virtually the entire three-year period from NOI to application filing, the participants are continually engaged trying to sort out one

- 1 thing or another.
- 2 Here, since the study plan disputes would have
- been resolved, the studies are under way, there is an annual
- 4 check in on the study results, I think it's going to be a
- 5 tremendous saving during the study performance period of not
- 6 continuing to wrestle with unresolved study plan issues
- 7 during that period.
- 8 So we're seeing, I think, major efficiencies and
- 9 cost improvements for everyone.
- There is one downside from the licensing
- 11 perspective on cost, and that is this higher early cost
- 12 compared to a slower starting process using one of the other
- approaches. But I think in the end, the overall cost to the
- licensee on a well done ILP, will be less.
- MS. WEST: All right, lots of reason you're
- saying you thin it's a better process.
- 17 MR. MOLLER: If it's done well. I think, you
- 18 know, we've all used the analogy of the high speed train
- 19 leaving the station and the importance of the licensee or
- the applicant helping everyone to get onboard.
- 21 Certainly, if people don't get onboard and the
- train derails, that's going to be problematic.
- 23 MS. WEST: Yes. Let me move to another question
- because the theme has come up and I think it's a good one to
- 25 discuss.

1	How does FERC's role change in the ILP? How do
2	you want FERC involved, and what are specific
3	recommendations you have for FERC's role in this process? I
4	know Elizabeth spoke to this earlier, so now these panelists
5	get to address it. Should we go in reverse order, or let's
6	try down here, Jeff do you want to start?
7	MR. DUNCAN: Sure, I'll give it a shot. Clearly,
8	I think everybody would agree that FERC's staff are involved
9	more in the upfront stages of the process. I think that in
10	the I don't when we talk about it, I guess I need to ask
11	a procedural question here. Because when we're saying good
12	things about a project, people are giving the name of a
13	project, but when we're being critical, we're not allowed to
14	do that.
15	(Laughter.)
16	I'm not making any personal attacks. I mean my
17	friends with the applicant over here are still my friends
18	but I do have some criticism of the process in the way it's
19	being
20	MS. WEST: To the extent you can get those two in
21	future suggestions to me, that would really help. So given
22	that we are seven processes going through an experience
23	together and no one of them is going to be perfect, it
24	really helps if you can say, so if I had my druthers, the
25	way I would do it would be.

1	MR. DUNCAN: Okay, I think I can sum that up very
2	concisely. I think that I would like to see FERC's role
3	I would like to see FERC involved upfront as it seems like
4	they are in all the projects.
5	However, I would like to see that role as
6	maintaining objectivity, maintaining impartiality, and being
7	a facilitator type role that ensures that the stakeholders
8	and the applicant stay within the bounds of the ILP and
9	within the nexus of the project, but not necessarily rule on
10	what the nexus of the project is.
11	Because I see that often as a negotiation that
12	goes on between the stakeholders and the applicant. So I
13	think maintaining objectivity, trying to, at least in the
14	early stages where we are now, not get involved in
15	substantive issues.
16	MS. WEST: So you're raising an interesting issue
17	because you have FERC others have said it helps to have
18	FERC as an arbiter, but that would mean FERC would have to
19	help clarify and define what is the project nexus or how it
20	would be seen.
21	So doing that and yet remaining in a facilitator
22	role without an opinion is an interesting tension for FERC
23	staff.
24	MR. DUNCAN: Well, I mean it gets back to my
25	original soapbox and that is collaboration. I think one of

- 1 the other questions that you all, I don't know if you're 2 going to get to it or not, but based on your experience in 3 other processes in the TLP and the ALP, what's the 4 difference? A rose by any other name still has thorns. 5 Tome it doesn't matter what process is used. 6 There are things about the ILP I like, but the thing that 7 really matters is with willingness of the stakeholders, the 8 applicants, the agencies and the NGOs to have intense 9 collaboration. That's what it really boils down to. And if you have that, I think I would include FERC in that if it is 10 11 a collaborative environment. If it is a non-collaborative environment, I don't 12 13 think I want FERC in there playing the role or referee on 14 technical issues. 15 MS. WEST: Okay. Some tension we have on this conflict I think. You're doing very well. John, you want 16 17 to go? 18 MR. SEEBACH: Sure. I think that FERC should act 19 as an objective arbiter first. I think that's the most 20 important role they can play. And then second a process facilitator and then last, if at all, an advocate, although 21 22 I think I'd stress the, if at all. 23 MS. WEST: So maybe expand objective arbiter.
- MR. SEEBACH: Well, FERC should be pushing all of

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How does that work?

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1 the stakeholders to ensure that the process is of the 2 highest quality. And that means they should be encouraging 3 people to cooperate and they should be clarifying rather 4 than not, questions where people don't understand the 5 process. 6 Especially now, where the process is particularly 7 new and there are a lot of very real questions about how 8 different parties should behave and how we should react to 9 certain things and what's appropriate for us to do and not 10 to do, that the regulations aren't particularly clear on. 11 I've heard from some people that the FERC staff have been really good about answering those questions and in 12 13 other cases, they've sort of dodged the questions or just 14 refused to answer them altogether. And I just remind them 15 that that's really their first priority, I think, should be their first priority. 16 17 MS. WEST: So active guiders on what the process 18 is about? 19 Yes. I actually have a list of MR. SEEBACH: 20 questions that were sort of unclear that we wrote down on a 21 napkin, but I can save those for later if you prefer. 22 I think they should -- I think when questions like these arise, it's better for FERC to provide clarity 23 24 upfront. I know the flexibility is really important and

it's something that we encourage as well, but I also think

that in 85% of the cases having some guidance as to what the 1 2 Agency expects, would really go a long way towards making 3 the process work and I think that not having that guidance 4 leaves the potential for participants but really all stakeholders, NGOs, agencies, the licensee to try to sort of 5 6 drive the process and push for sort of more extreme interpretation of those rules to get what we want. 7 8 I think the agency can do a good job -- I'm sorry 9 FERC could do a good job of heading those things off. Thanks, and if you don't share it 10 11 today we'll collect your questions because that might be good things for best practices. Typical questions that come 12 13 up. Jim. 14 MR. KEARNS: Having gone through the process now 15 for 12 months, I have specific things that I'd like to talk about, roles that FERC has played in our relicensing that I 16 17 think are important to point out. 18 I'd like to start though by saying that, when 19 FERC originally approached PS&H a year and a half ago, 20 asking if we would be willing to volunteer for this ILP 21 process, we met that with great trepidation. We said to ourselves, it's a one megawatt 22 project, the traditional process will go through it, it 23 24 shouldn't be an issue. We don't want to invite the eyes of

the whole world on the Canaan project.

MS. WEST: And now you're in a conference in 1 2 Washington, hey. 3 (Laughter.) 4 MR. KEARNS: I attribute that to Ken Hogan. Не 5 did a tremendous job in not only convincing me but my 6 company that to was something we should be brave and 7 determined to succeed in. 8 MS. WEST: I'm sure that was a facilitated 9 process, right? Your objective arbiter. 10 MR. KEARNS: I owe all that to Ken. But having 11 said that, I guess some of the specific roles that I've seen 12 FERC play from the very beginning Ken and some others came 13 up to Canaan. We had a meeting site visit. This is before 14 we even filed our Notice of Intent. 15 And Ken went through the ILP process, educated a bunch of us all at the same time, stakeholders, agencies. 16 17 And he made it very, very clear, this is a very different 18 process, very demand on stakeholders, the licensee and FERC, 19 and t hat we all need to be committed to it or it's done. MS. WEST: So one was that active FERC role way 20 21 up front. 22 MR. KEARNS: Right. MS. WEST: Education on the ILP process. 23 24 MR. KEARNS: Yes. I think he did an excellent 25 job in telling people that this is serious, things are

- different, we're not in that old traditional process 1 2 anymore. 3 So I think that set the stage for what I learned 4 about a month later that we had quite a few people that wanted to get involved in this and so they've been showing 5 up on a regular basis, they're coming prepared. 6 that was all set with that initial meeting. 7 MS. WEST: Okay. 8 9 MR. KEARNS: Next thing was, when we were putting together the PAD, again, FERC staff had guided us 10 11 tremendously, I think. When you're putting together a PAD and you're 12 13 identifying the issues that are out there, often times you 14 want to present that in a defensive mode and so someone 15 says, bank erosion, it's you and you want to put in the PAD, no, we're not causing erosion, whatever, and again, Ken, I'm 16 17 sorry Ken, but you know, he'd say, you have to be honest, 18 you can't be controversial in dealing with issues, just be 19 open with that, and that was a challenge for us. 20 So finding a way to make sure you're MS. WEST: 21 identifying the issue objectively? 22 MR. KEARNS: Exactly. And that does, t hat can set off a relicensing on the wrong path, if you start 23 24 picking battles early on.
- The other thing that they advise, and it's worked

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out tremendously well, is to cast the broad net. We put 1 2 together a list of stakeholders that were pretty obvious, 3 but as we spread the net wider and wider, we got more 4 people in. It showed that the process had integrity, I 5 thought. 6 Next thing was scoping facilitation. When we actually got into scoping studies, FERC was there, and I 7 8 thought they did a great job facilitating those meetings 9 that in stances where it was evidence that a stakeholder had 10 an issue and we perhaps didn't see it as an issue, they would come up with alternatives to try to bring us together, 11 12 and I thought that served a very valuable goal. 13 And I also believe that it helped to avoid at 14 least one dispute resolution for us. So I think that's of 15 great value if we can achieve that. So for example, serving in a 16 MS. WEST: 17 facilitator role that you cite. 18 MR. KEARNS: Yes. As far as flexibility, I heard 19 that concern raised earlier, and maybe this is a bad 20 example, but I thought the process did display some 21 flexibility. Once we put our process plan together, it 22 became apparent that if you go through all the time chucks, that we wouldn't be able to capture 2005 as a study season, 23 24 we would probably miss most of it.

So we looked at the process plan and with FERC's

1 help, we were able to actually accelerate the schedule for 2 scoping and also study plan development so that it allowed 3 us to accelerate the timeline, and now we're actually 4 getting field studies done this year. MS. WEST: So here is one just to note where we 5 6 shortened the timeframe? 7 MR. KEARNS: Right. but it showed that there was 8 flexibility. 9 MS. WEST: Uh, huh, and flexibility, okay. you're saying FERC having flexibility and accommodating? 10 MR. KEARNS: Actually they went further than 11 The contacted the other stakeholders and asked if 12 13 everyone was in agreement that we accelerate the timeframe. 14 And I thought that served as a useful role. I think if we 15 went to them and said here is what we want to do, they might have been well, why is that. So that was helpful to us. 16 17 The next thing was on the draft study plan, FERC 18 actually reviewed those and provided comments on that. When 19 I think of a traditional process where we would issue an 20 initial consultation document, a draft license application, 21 all of that is just going to the stakeholders. 22 FERC is not providing any input or guidance on that, so I think, you know, just them reviewing something in 23 24 the early stages and commenting on it was helpful to us and

to everyone else, all the other stakeholders to see how FERC

1 frame the issues.

2 MS. WEST: I'd like to highlight. I think there 3 is probably a tension because having that comment I'm

4 hearing you say is very useful, and at the same time doing

5 that in a way that I'm hearing some concerns over here that

6 isn't drawing a line in the sand prematurely may be a

7 difficult balancing role for FERC.

MR. KEARNS: We're saying it's only a study plan, it's not reflecting what the outcome of that study will be or do you need fish passage or not. It's sort of this is how you go about studying it.

And I guess finally, I just like to say that I certainly appreciate everything FERC has done for PS&H in regard to the Canaan project. And I know there are people in the industry wondering going forward, whether FERC will continue to provide that high level of support or whether this is just sort of a honeymoon period for us.

But, I guess I'd like to leave this question saying that, I'm sure it's going to involve much more demands and costs on everyone upfront but I think at the tail end, my hope and expectation is that it will pay huge dividends on the tail end that should more than make up for the upfront --

MS. WEST: Investment.

MR. KEARNS: Right.

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1	MS. WEST: All right thanks. David, you want to
2	speak to the question about FERC's role?
3	MR. MOLLER: Thanks Anna. It's clear from the
4	comments of the other panelists here that there are many
5	different roles FERC can and has played in the context of
6	ILPs and I'm not going to go back over those.
7	It does show that every proceeding is a little
8	bit different and the needs of each proceeding has to be
9	accommodated and FERC participation is part of that.
10	I have to say, if I were asked for the kind of
11	handful of key changes and key tools the ILP offers, having
12	FERC in the room from day one would certainly be on that
13	list. As a participant, as an ILP guidance expert, and also
14	as one of the mandatory conditioning agencies.
15	Their presence in the room, definitely several
16	panelists and speakers from the audience have commented on
17	this, really does draw other participants to participate in
18	the proceeding.
19	With FERC absent, we see in many proceedings
20	people do sit on the sidelines, why should I be here until
21	the license issuer is in the room. So it's not only useful,
22	but draws in the other participants.
23	Another big advantage that someone mentioned a
24	little bit earlier, and that is that by being an active
25	participant, directly involved in the proceeding from day

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1 one, when the application is filed down the line, FERC staff 2 understands all the processes that went into that, all the 3 thinking, all the collaboration and so on, so it's not 4 coming in out of the blue and having to start a whole process of familiarization again. 5 6 And I think that's going to end up being one of the huge advantages which, of course, we're not seeing yet, 7 8 but we will see down the line. 9 The final point that I'd like to make is the one Jim just touched on. it seems to me, at least as we've seen 10 11 the FERC participate on the DeSalba proceeding, that that 12 model of participation seems to be working very well and 13 involves a lot of the many specific roles that the other 14 panelists have eluded to. 15 And I would certainly recommend that going forward with that kind of model for participation is an 16 17 appropriate one and I have the same concern that Jim brought 18 up and many in the industry have brought up is, the ability 19 of FERC to maintain that model and that level of 20 participation and have that value as the number of proceeding is no longer just seven pioneering proceedings 21 22 with a lot of focus, but becomes 20 proceedings or 30 ongoing proceedings. 23 24 So I think that's a challenge, but no question

it's one of the key tools of ILP, one of the key changes and

- 1 provide, I think, tremendous value to all participants.
- MS. WEST: Thanks. I'm now noting that our time
- 3 is short, so let me just ask the panelists if you have a
- 4 parting thought or comment on the FERC role, on the ILP
- 5 overall, on -- questions from the audience.
- 6 MS. NELSON: Bea Nelson, the Canaan project, the
- 7 Tribe. Could I make an observation?
- MS. WEST: Sure Bea.
- 9 MS. NELSON: I have worked on one other project
- and this, the Canaan project is the only ILP that I worked
- on and I do want to say that I have been kept up to speed on
- everything and have been in all the process and I really
- 13 appreciate -- I think the ILP is working as far as being a
- 14 consultant participant.
- And it has helped me to know every stage that has
- 16 gone along, both from FERC and from Jim and how the process
- 17 has been going, and it's been helpful for me to know what
- 18 steps have been taken and having the deadline. They've all
- 19 been very helpful.
- 20 MS. WEST: Great. Thanks. Do I see some
- 21 comments here? Jeff.
- 22 MR. LEAHY: This is Jeff Leahy with NHA. I just
- first want to say thank you to FERC for all it's work that
- it's done in putting together the ILP and putting together
- 25 this process to monitor its effectiveness.

Т	we're only 18 months into it so i'm sure we'll
2	probably be doing more of these in the future. NHA and its
3	members played an active role in developing the ILP and also
4	we supported it when it came out and we continue to support
5	it.
6	But we recognize that the ILP is not the TLP and
7	the ALP, that it was a new process. and one of our main
8	hopes for the implementation, as some have mentioned here,
9	was flexibility.
10	The ILP sets up a good framework with milestones
11	and timelines, but as we've seen here today by the pioneers,
12	many of which, if not all of which are NHA members, they've
13	all done it differently and yet I think they've done it
14	successfully.
15	So I guess my call is to keep up the flexibility
16	and allow licensees and stakeholders who are involved in
17	these processes to craft a process that works for them.
18	MS. WEST: Okay.
19	MS. SMOOTS: I'm Carol Smoots with Perkins
20	Cooley. I haven't worked in the ILP process, that's why I'm
21	hear today, but I have worked in the ALP process and I just
22	wanted to comment on the involvement of FERC's staff.
23	In my experience, I think it's absolutely
24	critical. Not only critical to keep the wheels on the train
25	when you reach some difficult moments, but I think it's very

1 important.

I've had occasion to deal with people from the public who are involved in these processes and to a person that is somewhat confused, they're overwhelmed and even if they are pretty sophisticated, this is a foreign world for them.

And I think they come away very jaded if they find out later that something an applicant has said may not have been completely accurate or may just have expressed their views on it, as opposed to the law or the procedure.

So I think that a FERC staff doesn't become an advocate, but can be pretty active participant in telling people how it works, what the procedures and what their rights are, what the limitations on their rights are, I think it builds trusts, and I think people, particularly from the public, but people go away from the process feeling better about it.

MS. WEST: Okay, thanks. Any folks, another here. Go ahead.

MR. MCCARTY: Hi, I'm Michael McCarty, law firm of Brickfield, Burchett, Ritz and Stone. I think the commission has done a great job of integrating as much as they can into this rule, including the mandatory conditioning processes under 4E and Section 18 but there is one process that still remains a separate track, and that's

1 the section 7 ESA consultation process.

I think a lot of the projects with relicensing upcoming, especially the ones on coastal rivers, are going to have endangered species issues as very significant portion of the environmental scoping in the project. And if there is some way, as you go along, in gaining more experience under this process to somehow integrate the section 7 consultation process into the ILP, or at least put it in your best practices manual, as to some timelines and guidelines.

I know you can't get blood out of a stone, and sometimes you can't get a BIOP out of NOAA, because they've got some serious staffing issue. I know in one cases you've issued a license a couple years before the BIOP was included -- I know David worked on that one -- but I think it's going to continue to be an issue and a lot of the good that's done in the ILP in terms of timelines and milestones could be undone if section 7 kinds of unravels the thing and rags it on, and on.

So just hope that that could be somewhat integrated at some point in time.

MR. TURNER: I just want to quickly respond to this and incorporate EAS into this as best we can. I think we've made some great inroads, particularly in the Packwood case where we've already worked out a schedule with Fish and

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call.

1 Wildlife Service to deal with Section 7 and integrate it 2 into the process. 3 We will obviously see how well it works in the 4 end, but if we can get the information base, which I think 5 the ILP really is forming, the real crux there to the ILP is to make sure we have the information. The services will 6 7 probably be in a better position to give us more timely 8 biological opinions. At least that's our hope. 9 MS. WEST: Okay, other questions, folks on the 10 phone or on video? 11 MR. NEWSTIF: Just a quick general question. After hearing some of the experiences of t he different 12 13 pioneer projects, it would be helpful to be able to take a 14 look at some of the things they filed and maybe follow their 15 progress on the website. Could you list the project numbers for the 16 17 different pioneer projects so we would have some way to kind 18 of track them and get a hold and check out certain files if 19 we'd like to? 20 MR. TURNER: If you give me a call I'd be glad to give you that number. I can't do it off the top of my head. 21 22 MR. NEWSTIF: Okay. MR. TURNER: My number is 202-502-6091. 23 24 That's Avan Turner you're going to MS. WEST:

1	MR. NEWSTIF: Okay, thank you.
2	MS. WEST: Is there a question Elizabeth?
3	MS. NICHOLAS: This is a question I guess for
4	FERC or possibly for Kearns and West as to follow up.
5	Obviously, the different ILPs are at different stages and
6	being in the first one we've gotten a little further and
7	have some new issues that we probably would like to discuss
8	when it's the appropriate time to do that.
9	And so I wanted to know what was the plan for
10	looking at the ILPs it moves along.
11	MR. TURNER: Well, it's kind of a segway into the
12	wrap up, but we will be putting out a best practices but if
13	I understand your question, I think we're too early in the
14	process now to be thinking about any regulation changes.
15	We're just trying to figure out how to best work within the
16	existing regulations and make it work better with the
17	current processes.
18	MS. WEST: I think Elizabeth is asking, are you
19	going to do this kind of effectiveness review again later
20	after we've all got more experience. Is that right?
21	MS. NICHOLAS: Yes.
22	MR. TURNER: I think we will continue the
23	effectiveness evaluation. Obviously, we're going to have to
24	carry it through until we actually have these seven
25	resolved, licenses it issued.

So this is the first series of steps I'm sure, as 1 2 we continue this effort, so yes. 3 MS. WEST: And do you want to speak David? Are 4 we at closing? 5 I don't know. DAVID: Anymore comments or questions from 6 MS. WEST: folks on the phone or on video? One here. 7 This is Robin Marks from American 8 MS. MARKS: 9 Rivers. Maybe this will be answered in the wrap up, but I'm 10 wondering whether this best practices guide comes out, there 11 will be the opportunity to comment on it. is that going to be a draft document, a final document, what's the status 12 13 that you're thinking about? 14 MR. TURNER: Okay, I guess we'll wrap up. 15 (Laughter.) MR. TURNER: We're working on it right now. 16 17 We're still developing the concepts of exactly what it will 18 look like. Hopefully when it comes out, it will be a good 19 document that reflects all the candid discussions and 20 comments that have been provided over the interviews and he 21 focus groups here today, and we appreciate those kind of 22 candid comments. We're taking them to heart and trying to work 23 24 within those to make this process work. Obviously, this is 25 going to be a living document as we go through and we gain

1 more experiences, we'll try to update those. But we weren't 2 anticipating on making changes to that, but obviously we'll always consider those if you guys want to follow it. 3 4 We give the Commission's gratitude to all our panelists, and Kearns and West for an excellent facilitation 5 6 and to all of you guys for sharing your thoughts and 7 feelings. If there are any other questions -- we hope to get the best practices out this fall and probably 8 September/October timeframe, but we'll see, make sure that 9 it's a quality document. 10 11 As I said, we're still working on the concepts of how that's all going to look, but we'll get it out soon. 12 13 MS. WEST: It's fair to say David, that you're 14 open to any suggestions and recommendations people might 15 have of what would be helpful in the book? 16 MR. TURNER: Sure. We're going to try to 17 structure it -- one of the concepts we're thinking about is 18 structuring it to be something that stakeholders, but their 19 category might be able to use, applicants, even FERC in 20 terms of our role. So that's one of the things we'll see, 21 but we're definitely willing to entertain suggestions. 22 MS. WEST: What would you prefer, recommendations you might consider. 23 24 MR. DEVINE: John Devine, Devine Tarbel

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Associates.

1 MS. WEST: You prefer lessons learned John? 2 MR. DEVINE: Yeah, I was wondering how are you 3 measuring best, that's all. It seems like that's in the 4 outcome for all the stakeholders and at this point, it's a 5 lessons learned and some things that have worked and not 6 worked. 7 But it seems like ach of the seven pioneers have 8 actually tried something a little different and some of the 9 designs have been of the programs, have all been within the 10 outline of the ILP, but have all had some different 11 practices in them and who is to say, what's best yet and what's not. It seems like it's tailored to the particular 12 13 circumstances. 14 MS. WEST: So going back to the flexibility 15 theme? 16 MR. DEVINE: Yes. 17 MS. WEST: Okay. 18 MR. TURNER: Obviously, I guess you're right. 19 The title does convey certain connotations where we're not intending that, but things that have worked, I guess is what 20 21 we're trying to portray in that document. So it will be, 22 obviously the regs drive the process, the applicant can utilize them to the extent they want to utilize those 23 24 practices. 25 We will be taking written comments. If you guys

1	have anything else you want to share, you can file them
2	under the docket ADL5-6 by July 15.
3	MS. WEST: And the transcript from this session
4	will also be on the web, right David?
5	MR. TURNER: AD-05-6. Excuse me Anna.
6	MS. WEST: You want to say that again so
7	everybody has got it right?
8	MR. TURNER: The docket is AD05-6, the same
9	docket the notice went out on.
10	MS. WEST: And transcript from this meeting will
11	be on the web.
12	MR. TURNER: Will be on that docket as well if
13	you want to review it.
14	MS. WEST: Thank you final panelists, and we will
15	be mailing to all of you on the phone directly or FERC lover
16	candy bars and passing them out to those who have been
17	excellent participants asking questions. Thank you very
18	much.
19	MR. TURNER: Again, thanks all, appreciate it.
20	(Applause.)
21	WHEREUPON MEETING ADJOURNED
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