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UNITED STATES OF AMERICA

FEDERAL ENERGY REGULATORY COMMISSION

IN THE MATTER OF THE WALLOWA ) Project No. 308-005  
FALLS HYDROELECTRIC PROJECT )  
STATE OF OREGON )  
\_\_\_\_\_)

FEDERAL ENERGY REGULATORY COMMISSION'S

SCOPING MEETING

AND

PUBLIC COMMENTS

May 24, 2011

7:15 p.m.

Best Western Ramada Inn

Enterprise, Oregon

1 APPEARANCES:

2

3 MATT CUTLIP, FERC

4 RUSS HOWISON, PacifiCorp

5 KAYLEA FOSTER, aquatic ecologist

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9 EXHIBITS:

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11 (None)

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1                   MR. CUTLIP: So welcome to the Federal  
2 Energy Regulatory Commission's scoping meeting for  
3 relicensing of the Wallowa Falls project. FERC No.  
4 308.

5                   My name is Matt Cutlip. I'm a fisheries  
6 biologist at FERC. I'm also the FERC project  
7 coordinator for the Wallowa Falls relicense.

8                   Representing PacifiCorp today is Russ  
9 Howison.

10                  MR. HOWISON: Russ Howison, PacifiCorp  
11 energy licensing program manager.

12                  MR. WIGGINS: Oh, so you guys aren't  
13 engineers? You're regulatory types.

14                  MR. HOWISON: Yeah. I'm a recreation  
15 planner by trade.

16                  MR. WIGGINS: Well, that's all right.  
17 That was a primitive area back then.

18                  MR. HOWISON: Yeah, it was.

19                  MR. WIGGINS: No wonder they only gave  
20 you three drawings.

21                  MR. HOWISON: But, yeah, I couldn't  
22 make heads or tails of any of them.

23                  MR. CUTLIP: Also with Russ today is  
24 Kaylea Foster.

25                  MR. WIGGINS: Greetings.



1           During the presentation, we will of course  
2 entertain any comments or questions about the  
3 information presented.

4           Also at the end of our presentation, we  
5 will conclude with an opportunity for anyone to  
6 provide additional comments.

7           If you do intend to speak today, we have a  
8 court reporter here to transcribe today's meeting. It  
9 will become a part of the Commission's record for the  
10 relicensing proceeding.

11           We are also accepting written comments for  
12 30 days. And if you did bring any written comments,  
13 please provide them to me and I will ensure that they  
14 are filed in the project record.

15           Also there's a mailing list in the back of  
16 the Scoping Document. If you're not currently on the  
17 mailing list and you want to be added, you can provide  
18 your information to me and I can make sure that you  
19 get on the mailing list.

20           All information that is submitted to FERC  
21 and issued by FERC for this project will be filed in  
22 the Commission's eLibrary program on the [ferc.gov](http://ferc.gov)  
23 website.

24           You can eSubscribe to this project which  
25 allows you to keep track of the proceedings for the

1 project.

2           If you eSubscribe, you'll be notified via  
3 e-mail whenever a document is added to the eLibrary.  
4 And you'll be able to access the document  
5 electronically through a link provided in the e-mail.

6           When you eSubscribe, you just need to make  
7 sure you provide the project number. This project, as  
8 I noted, the number is P-308.

9           The purpose of scoping. Under the Federal  
10 Power Act, FERC has the responsibility to issue  
11 licenses for nonfederal hydroelectric projects. You  
12 can read more about FERC's mission at [www.ferc.gov](http://www.ferc.gov).

13           The National Environmental Policy Act  
14 requires FERC to analyze the environmental effects of  
15 proposed hydroelectric projects.

16           Further licensing of Wallowa Falls project,  
17 FERC staff intends to prepare a single environmental  
18 assessment to comply with the NEPA process.

19           Last month we issued a Scoping Document  
20 that includes a brief description of the project and  
21 existing operations, a preliminary list of resource  
22 issues to be considered in the EA and a description of  
23 the proposed studies being considered by PacifiCorp.

24           The Scoping Document also the describes the  
25 types of information we are seeking as part of

1 scoping, major milestones for revising the license  
2 application, and a proposed outline and time line for  
3 Commission staff's EA.

4           The main purpose of our meeting today is to  
5 solicit comments and input from the public about the  
6 issues that need to be considered or not considered in  
7 the EA.

8           We also want to begin talking about what  
9 information will be needed to address the issues.  
10 Finally we want to review and discuss the process  
11 planning schedule for prefiling activity.

12           So I will start with an abbreviated version  
13 of the integrated licensing process. I won't go into  
14 a whole lot of detail, but I will just briefly touch  
15 on the major milestones for prefiling and post filing.

16           The first step was the filing of the notice  
17 of intent and preapplication document, which  
18 PacifiCorp filed with FERC on February 23rd, 2011.

19           We are currently in the scoping phase.  
20 After scoping, over the next several months, we'll be  
21 working on developing and finalizing a study plan.

22           There will be at least a couple of  
23 opportunities for participants to meet, review, and  
24 modified the study plans.

25           However, I note that the bar for modifying

1 and adding new studies gets higher as the process  
2 proceeds. We'll be discussing the study planning  
3 process in more detail a little later on.

4           Once we have an approved study plan,  
5 PacifiCorp will implement the studies over one or two  
6 study seasons.

7           They will hold an initial and updated study  
8 report meeting as needed. And begin developing their  
9 licensing, their license application.

10           Currently PacifiCorp is proposing one study  
11 season with the possibility to do another.

12           MR. WIGGINS: Did you guys do anything  
13 in the previous -- in other words, you've licensed  
14 this or relicensed it once, twice. Did you do this  
15 kind of work previously?

16           Did they do any similar -- any studies in  
17 the '70's or '80's that are similar to what you're  
18 doing here or proposing?

19           MR. CUTLIP: Well, the scope of  
20 environmental regulations has changed over time.

21           MR. WIGGINS: Yeah.

22           MR. CUTLIP: So I'm actually not sure  
23 what was done as part of development of license  
24 applications. Do you know?

25           MR. HOWISON: Yeah. I'll talk about



1 this in my presentation.

2 MR. WIGGINS: I was hoping you could  
3 take credit for some of the work that was done  
4 previously.

5 MR. HOWISON: When we relicensed in the  
6 '80's -- we licensed in the '70's. That license was  
7 only issued for ten years, because the dam was in such  
8 poor shape. And so in the '80's, we licensed again.

9 MR. WIGGINS: I see it's 1986.

10 MR. HOWISON: And we did do I would say  
11 very basic studies, kind of due diligence more than  
12 real studies. But we met with agencies. There's an  
13 environmental assessment associated with the '86  
14 license.

15 MR. WIGGINS: Well, they did publish.

16 MR. HOWISON: That documents the effort  
17 that we made. And we did definitely talk to agency  
18 people about resource concerns and that kind of thing.  
19 So I'm not sure I would say they were necessarily  
20 full-blown studies like we're going through this time.

21 MR. WIGGINS: So PacifiCorp made a  
22 commitment -- I'm looking at your list here, proposed  
23 information needs.

24 Have they made the commitment, told FERC  
25 they will be doing the full extent that I see here or

1 is that still something that you're negotiating?

2 MR. CUTLIP: The actual approval of the  
3 study plan is something that will -- the development  
4 and approval study plan will basically take place over  
5 the next eight to ten months. So while they have  
6 proposed in very -- at a very conceptual level, some  
7 studies.

8 MR. WIGGINS: Yeah. These can get very  
9 expensive. And nothing's changed up there. I mean,  
10 you can always say there's no --

11 Well, I'm hoping you can keep your time and  
12 your investment in all these studies within reasonable  
13 limits. Because as you can see, nothing's really  
14 changed. It's next to a wilderness area.

15 MR. CUTLIP: Right. We'll be working  
16 with the agencies and all stakeholders. You know,  
17 cost of studies is one of the factors that we look at  
18 before we would approve any given study.

19 So there's some criteria that have to be  
20 met in order for us to approve a study. And we'll get  
21 into that a little later on.

22 MR. WIGGINS: Some of those rules have  
23 changed in the last -- well, '96, 25 years.

24 MR. CUTLIP: Yeah. There was also some  
25 information that was recently discovered, which kind

1 of changed the --

2 MR. WIGGINS: Well, I mentioned I saw  
3 here bull trout.

4 MR. HOWISON: Yeah.

5 MR. WIGGINS: Because there's bull  
6 trout up there since 1910. We've got a couple bear  
7 that are up there, they're getting into the garbage  
8 cans.

9 But other than -- well, as far as wildlife  
10 goes and fisheries, I don't think there's been any  
11 change.

12 MR. HOWISON: Yeah. There's bull  
13 trout.

14 MR. CUTLIP: Bull trout is a big one.

15 MR. WIGGINS: Is there bull trout in  
16 the East Fork or are you just going to investigate  
17 that?

18 MR. HOWISON: Our fishery biologist has  
19 documented bull trout in the East Fork.

20 MR. WIGGINS: Really?

21 MR. HOWISON: Yes.

22 MR. WIGGINS: Now, another question I  
23 have very briefly before I forget to ask. Did you  
24 guys realize that there are studies underway to  
25 replace the dam on Wallowa Lake?

1 MR. HOWISON: I am aware of that, yes.

2 MR. WIGGINS: Have they given you guys  
3 any sort of a -- I don't know, I guess you might say  
4 involvement in any of that as it relates to your plan?

5 MR. HOWISON: No.

6 MR. WIGGINS: Because they're  
7 discussing \$37 million now, is their number. Because  
8 they want -- keep this in mind, they want to get the  
9 Tribes involved and bring an ocean-going salmon  
10 fishery back to Wallowa Lake.

11 MR. CUTLIP: Yeah. That issue was  
12 brought up earlier today, the Oregon Department of  
13 Fish and Wildlife was here. And they mentioned the  
14 reintroduction of anadromous fish, so --

15 MR. WIGGINS: Well, that would  
16 effect -- the salmon you see in the Wallowa River now,  
17 downstream from your tailrace is a landlock sockeye.  
18 They spawn there. But they're a landlock. They were  
19 brought in from either Canada or Montana.

20 MR. CUTLIP: Yeah. That's something  
21 that we will be taking comments from Oregon Department  
22 of Fish and Wildlife.

23 And at this point we basically acknowledge  
24 that, yes, that could occur in the next license term.  
25 We'd probably look at it as a cumulative effect.

1                   MR. WIGGINS: Did they give you any  
2 ideas on how many years it will be before they put  
3 this dam in? Did they give you any kind of indication  
4 of what they know?

5                   This could be five years, it could be two  
6 years. We don't really know.

7                   MR. HOWISON: Yeah. He didn't specify.

8                   MR. WIGGINS: \$37 million is a lot of  
9 money for this county. The Tribe has a lot of -- I'm  
10 surprised there's no Tribal member here tonight. Have  
11 you heard anything from the Nez Perce at all?

12                  MR. CUTLIP: We initiated what we call  
13 Tribal consultation, like on a government-to-  
14 government level with the Nez Perce, the Coville, and  
15 the Umatilla Tribe.

16                  So far we haven't heard anything, other  
17 than they would get back to us on what level  
18 involvement they wish to have in this process.

19                  MR. WIGGINS: I'm surprised they  
20 haven't, because they have folks here in the county.

21                  MR. CUTLIP: Uh-huh. But we've done  
22 our due diligence and we followed up.

23                  MR. WIGGINS: Yeah.

24                  MR. CUTLIP: And that's where we're at  
25 right now. So if they wish to be involved, you know,

1 later in the process, by all means we'll accept them  
2 and any concerns they may have.

3 MR. WIGGINS: Those are the only things  
4 that I -- as far as your next, this will be a license  
5 that's in place for 40 years or 30?

6 MR. CUTLIP: 30 to 50 years is the term  
7 that the Commission issues licenses for. We usually  
8 don't decide on the term until after -- until the  
9 order. The license order is when you make the  
10 determination on the term.

11 MR. WIGGINS: Oh. So it's anywhere  
12 between 30 and 50?

13 MR. CUTLIP: Yeah.

14 MR. WIGGINS: Well, sometime there's  
15 going to have to be a dam replacement. It's not as if  
16 it's a threat right now, but they all know. And  
17 nobody can afford it.

18 MR. CUTLIP: Right.

19 MR. WIGGINS: Although they're trying  
20 to get some money and trade some water. They'd like  
21 to trade water volume, trade some acre feet on the  
22 Columbia Basin. That's probably how they'll finance  
23 it.

24 MR. CUTLIP: So --

25 MR. WIGGINS: Yeah, thank you.

1 MR. CUTLIP: No problem.

2 MR. WIGGINS: Because those are the  
3 things that may change.

4 MR. CUTLIP: Sure.

5 MR. WIGGINS: But bull trout, that's a  
6 new one.

7 MR. CUTLIP: Yeah. And bull trout is  
8 an issue which we'll talk about a little later on.  
9 But it's been pretty well documented that they're  
10 there. They're in the tailrace, they're in the East  
11 Fork. So it's an issue for sure. It's on the radar  
12 screen.

13 MR. WIGGINS: Another thing that you  
14 might hear about, just that I mention again before I  
15 forget, the local water district up there would like  
16 to place a water tank over there. Has anybody  
17 mentioned that?

18 MR. HOWISON: Not to me, no.

19 MR. WIGGINS: I mean, I could bring it  
20 up now or mention it a little later. I'm part of the  
21 volunteer fire department up there.

22 And in 1988 they put a water system in. So  
23 the local homes that you saw on the resort up there is  
24 served by the Wallowa Lake Water District, managed by  
25 the Wallowa County Service's district. So they have

1 underground sources, and they don't have to chlorinate  
2 anything.

3           And across the way, on the Boy Scout Camp,  
4 there's a big water reservoir. But we only have about  
5 an hour and half or less of fire protective volume.

6           There's enough to serve the homes. There's  
7 no meters. Everybody can leave their water running  
8 24/7 if they want.

9           They get the same water twice bill, six  
10 times a year, same water bill, same sewer bill. No  
11 matter how much your consumption is and how much your  
12 toilet uses, you get the same water bill. There's no  
13 metering yet.

14           But they're mainly concerned about a fire.  
15 And a bad fire would drain the water in about an hour  
16 or less.

17           So I just wondered, you might make a note.  
18 They'd like to put a water tank near your penstock,  
19 somewhere at the same elevation. And they're  
20 discussing this with PacifiCorp.

21           And I'm sure your engineers would like to  
22 know that. It's the Wallowa Lake Water District. And  
23 it's mainly for fire reservoir.

24           And of course the reason they want to place  
25 it up there is to balance the pressures. If you're



1 going to put a new reservoir in, you always want to go  
2 for the same water pressure.

3 MR. HOWISON: Sure.

4 MR. WIGGINS: And it may happen, if  
5 they can get the money. Financially they're doing  
6 well.

7 There's so many resort owners and property  
8 owners up there that have vacation homes. They've got  
9 plenty of money. And they may go for a bond. And you  
10 guys driving up there can see that, the potential  
11 hazard.

12 MR. HOWISON: Oh, absolutely.

13 MR. WIGGINS: So you might make a note.  
14 The gentleman up there, his name is Butler. I'm  
15 surprised he didn't come down to the meeting.

16 I'll get your card, I've got your card  
17 here. And if he has an issue with it, I'll tell him  
18 what's going on.

19 And you may get a note from the gentleman  
20 up there who manages the water district, because it's  
21 part of your zone of influence over there.

22 MR. HOWISON: Yeah, absolutely. I'd  
23 appreciate that.

24 MR. WIGGINS: And it's mainly for fire,  
25 not for additional consumption. Although in the

1 summertime, you can imagine the water pressure drops,  
2 because of the additional load on the system. So as a  
3 firefighter, we're always a little bit concerned about  
4 that.

5 MR. CUTLIP: Okay.

6 MR. WIGGINS: I'll have him give you a  
7 call or give you note on that behalf.

8 MR. CUTLIP: So at this point,  
9 following one or two study seasons, the license  
10 application would either be filed in February of 2013,  
11 if it's one study season; February of 2014, if it's  
12 two.

13 Following the filing of the application,  
14 Commission's staff will review the application. And  
15 if it is complete, we will issue a Notice of Ready for  
16 Environmental Analysis. Also called an REA notice.

17 And with that, we would request comments  
18 from interested stakeholders, recommendations for  
19 proposed operations or environmental measures, terms  
20 and conditions from the agencies and interventions.

21 We would then complete our environmental  
22 analysis. Which at this point, as I mentioned, we  
23 intend to prepare a single environmental assessment  
24 for this project. We don't, at this time, intend to  
25 issue an environmental impact statement for this

1 project.

2           And once the EA is complete, a licensing  
3 decision would follow. At this point we would expect  
4 that in March of 2015.

5           And I think that's based off of a two year  
6 study period. So it would move up, if we only did one  
7 year studies.

8           Here's some important dates that are coming  
9 up, (indicating). As I mentioned, there's -- well,  
10 there's a more detailed project schedule on the last  
11 page of the Scoping Document.

12           The first important date is June 23rd. All  
13 comments on the preapplication document, written  
14 comments on scoping, and any study request must be  
15 filed with the Commission by that date.

16           There are directions in the Scoping  
17 Document for filing materials with the Commission,  
18 into the project record.

19           Based on these comments and study requests  
20 from stakeholders, PacifiCorp will file a proposed  
21 study plan with FERC by August 7th, 2011. We will  
22 then hold a study plan meeting to work through the  
23 study plan as needed.

24           On January 4th, 2012, the director of the  
25 Office of Energy projects in the division of

1 hydropower licensing -- or actually just the opposite,  
2 energy projects will issue a study plan determination.  
3 Once that's done, the study plan will be approved and  
4 the first study season would begin.

5           The preliminary licensing proposal would be  
6 filed by October 1st of 2013. And that's basically a  
7 draft environmental document, that would be -- a draft  
8 of the environmental document that would be filed with  
9 the license application. It's also called an Exhibit  
10 E in the license application.

11           And the final license application, as I  
12 mentioned, would be filed by February 28th of 2014,  
13 which is two years before the existing license  
14 expires.

15           MR. WIGGINS: Did PacifiCorp ever  
16 consider going through a 3 megawatt exemption? Was  
17 that ever considered?

18           You guys could probably try it. Or did  
19 they decide to go and could even consider that?

20           MR. HOWISON: We considered it. We  
21 looked at it. We had our attorneys look at it. And  
22 because it's on Federal land, we cannot qualify for  
23 the exemption. So half the project's on Forest  
24 Service land.

25           MR. CUTLIP: Well, you could qualify

1 for it at a 5 megawatt exemption. But the issue is  
2 the 5 megawatt. The conduit exemption can't be on  
3 Federal land. The 5 megawatt exemption, it could be.  
4 But you have to add capacity in order to --

5 MR. WIGGINS: Oh, right. You'd have to  
6 be trying to add your capacity. And the only way you  
7 guys could do that would be to try to put in some new  
8 technology, Pelton wheel or a turbine or something.

9 MR. CUTLIP: There would have to be  
10 some upgrade.

11 MR. WIGGINS: And that would change  
12 your -- it would actually change your historical  
13 approach, wouldn't it, by going for an exemption?  
14 You've always had a license.

15 MR. CUTLIP: Right.

16 MR. WIGGINS: So why go for an  
17 exemption, is that kind of what you're saying?

18 MR. HOWISON: Well, we would love it if  
19 we could qualify for an exemption, but --

20 MR. WIGGINS: This is an odd case then  
21 really. The plant's kind of unusual from what you're  
22 normally working with.

23 Do you see anything like this at all, where  
24 you've got an old plant that goes back 90 years and it  
25 was a primitive area and then it became a wilderness

1 area, but you've got private land. Do you have  
2 anything like this at all you guys are working on now?

3 MR. HOWISON: Yeah. We've got a lot of  
4 projects very similar to this.

5 MR. WIGGINS: You do?

6 MR. HOWISON: Yeah. We have a number  
7 of --

8 MR. WIGGINS: How many are you guys  
9 juggling now?

10 MR. HOWISON: I don't know the exact  
11 number. But we have probably at least 16 or so  
12 federal licenses. In the not too distance past, we  
13 had 55 power plants, but we've decommissioned some of  
14 those.

15 MR. WIGGINS: I know you're going to  
16 decommission the ones that -- are you guys associated  
17 with the ones down at Klamath Falls, the Klamath area?

18 MR. HOWISON: We are. That is our  
19 project.

20 MR. WIGGINS: That's gotta to be a  
21 challenge. But I was just wondering how many you're  
22 handling now that are this size, that you're trying to  
23 get scheduled and you've got to juggle and fiddle  
24 with. You know, this is kind of a pretty small deal  
25 here really.

1 MR. HOWISON: Yeah, it's a small  
2 project. We actually have quite a few small projects  
3 in the Wasatch range in Utah.

4 MR. WIGGINS: Oh, sure. You guys have  
5 got to do Rocky Mountain Power.

6 MR. HOWISON: We own Rocky Mountain  
7 Power.

8 MR. WIGGINS: Oh, I figured you guys  
9 were just out here. But you're working the ones in  
10 Wasatch too. Out of Portland. You guys have gotta  
11 travel to Salt Lake and work out of a Portland office?

12 MR. HOWISON: We have a Salt Lake City  
13 office that deals with Salt Lake, that deals with  
14 Rocky Mountain Power projects, are dealt with from our  
15 Salt Lake City office.

16 MR. WIGGINS: Those would be kind of  
17 fun. That's nice country.

18 MR. HOWISON: Yeah, it's very nice  
19 country.

20 MR. CUTLIP: Okay. So at this point,  
21 PacifiCorp, Russ is going to describe the existing  
22 project.

23 MR. HOWISON: Yeah. We'll go on a  
24 little virtual tour of the Wallowa Falls Hydroelectric  
25 Project.

1           So generating capacity of the project is  
2 1.1 megawatts. It is a run-of-river operation with a  
3 total water right of 16 cubic feet per second.

4           15 cubic feet per second is diverted from  
5 the East Fork Wallowa River. And 1 cfs from Royal  
6 Purple Creek.

7           The current license was issued in August of  
8 1986. And that license expires in February of 2016.  
9 FERC did conduct an environmental analysis of the  
10 project effects before issuing the current license.  
11 That document found that the project had no  
12 significant impact on the environment.

13           There are 12.1 acres of Forest Service land  
14 within the current project boundary. And the Forest  
15 Service did submit one condition to FERC in the last  
16 licensing period, requiring the project acquire a  
17 special use permit.

18           So this map very quickly just shows the  
19 project footprint, (indicating), the green shaded area  
20 is national forest land. The magenta shaded area is  
21 PacifiCorp property. The plant is here, (indicating).

22           Lake Wallowa, the diversions. Royal Purple  
23 diversion is here, (indicating). East Fork Wallowa  
24 diversion is here.

25           So from here to East Fork Wallowa



1 diversion, all the way down to the confluence of the  
2 West Fork, is about a mile and three-quarters of a  
3 bypass reach.

4           And once again, about two-thirds or so of  
5 the project is on Forest Service land and --

6           MR. WIGGINS: Do you maintain ownership  
7 of the roadway? In other words, you guys can get a  
8 motorized vehicle up there into a wilderness area.

9           Do you guys maintain some sort of an  
10 exemption or a special use permit or ownership of that  
11 trail, that road? Because you take an ATV up there.

12           MR. HOWISON: Correct. The special use  
13 permit allows us to use the access road, not the  
14 Forest Service recreation trail, but our access road.

15           MR. WIGGINS: Good. Good.

16           MR. HOWISON: We are permitted to use  
17 ATVs on that.

18           MR. WIGGINS: You can take motor  
19 vehicles up there and use power tools?

20           MR. HOWISON: We do. But keep in mind  
21 too that the wilderness boundary, we are not in the  
22 wilderness boundary.

23           The project is not in the wilderness  
24 boundary. The wilderness boundary is further down  
25 here, (indicating).

1                   MR. WIGGINS: But the U.S. Forest  
2 Service maintains a no motor vehicle on their  
3 recreation trail.

4                   MR. HOWISON: Right.

5                   MR. WIGGINS: You cannot take an ATV up  
6 that recreation trail and claim you're not in the  
7 wilderness.

8                   MR. HOWISON: Well, you could, but they  
9 wouldn't --

10                  MR. WIGGINS: They'd nail you.

11                  MR. HOWISON: Yeah.

12                  MR. WIGGINS: But I'm surprised that no  
13 ATVs have tried to get on your road and claim it's a  
14 road. It's only a matter of time before somebody  
15 tries it. Luckily nobody does.

16                  MR. HOWISON: Yeah.

17                  MR. WIGGINS: And it's never marked.  
18 There's no signs, there's nothing to indicate that, on  
19 purpose.

20                  MR. HOWISON: Right.

21                  MR. WIGGINS: So you've never had any  
22 issues with that. That's a good thing.

23                  MR. HOWISON: Not that I know of. The  
24 operator has told me that when he is on his ATV, there  
25 have been a number of times where he has come down the

1 road and the sheriff is waiting for him at the trail  
2 head parking lot.

3 MR. WIGGINS: Good, that's a good  
4 thing. Another question, where are your maintenance  
5 guys? Do they come out of Lewis Reservoir? Because  
6 there's nobody here now.

7 MR. HOWISON: Well, the operator is  
8 based -- there's an operator based in Enterprise.

9 MR. WIGGINS: Local guys.

10 MR. HOWISON: A local guy.

11 MR. WIGGINS: Now, your manager's moved  
12 out to Walla Walla. He's not here anymore.

13 MR. HOWISON: Right. But the  
14 maintenance crew that comes out and does the annual  
15 maintenance does come from Lewis River, Washington.

16 MR. WIGGINS: They've got a SCADA  
17 System so they can monitor all the parameters from  
18 Lewis River?

19 MR. HOWISON: Yes, they do.

20 MR. WIGGINS: Now, I've seen the  
21 Washington plates on their trucks, that's great. So  
22 they don't have to come up very often.

23 MR. HOWISON: Once a year.

24 MR. WIGGINS: Do they go up to the dam  
25 and kind of --

1 MR. HOWISON: They do.

2 MR. WIGGINS: Is there a gauging, is  
3 there any kind of a gauging, level gauge at that dam  
4 that uses any telemetry?

5 MR. HOWISON: No. There are --

6 MR. WIGGINS: The dam looks to me like  
7 it's silting up a little bit. That reservoir is  
8 silting up on them.

9 MR. HOWISON: We do forebay flushing  
10 every few years, flush sediment from it.

11 MR. WIGGINS: Good. It's due pretty  
12 soon I think. It's starting to fill up on you. I was  
13 just kind of curious about that, how that might effect  
14 the fisheries or whatever.

15 MR. HOWISON: Right. Yeah.

16 So this map really just kind of shows the  
17 same general area, (indicating). Again, the  
18 powerhouse and the bypass reach and our two  
19 diversions.

20 MR. WIGGINS: What size is that  
21 penstock, do you know?

22 MR. HOWISON: It's 18 inches for about  
23 half its length. And 16 for the other half.

24 MR. WIGGINS: Oh, it varies. I didn't  
25 know that. Because it's buried. Most people have no

1 idea. It just disappears. So it's 16 and 18.

2 MR. HOWISON: Yeah.

3 So the project was originally constructed  
4 in 1921 by Enterprise Electric. It had an original  
5 capacity of .8 megawatts.

6 The original license was issued in June of  
7 1924. And expired in March of 1974. The license was  
8 transferred to Inland Power and Light in 1928 and  
9 Pacific Power in 1942.

10 The Royal Purple Creek diversion was added  
11 in 1929. The original generator was replaced in 1967  
12 by the current 1.1 megawatt unit.

13 And the Commission did issue a ten year  
14 license in 1976. And the current 30 year license was  
15 issued in 1986.

16 MR. WIGGINS: Does it say in your  
17 records, how big is their Pelton runner in there, how  
18 big's their wheel, do you guys have any idea?

19 MR. HOWISON: I don't know the actual  
20 dimensions of it.

21 MR. WIGGINS: It's inside of housing,  
22 you would never see it just by looking. I was just  
23 kind of curious if they ever told you what size it  
24 was.

25 MR. HOWISON: No.

1                   MR. WIGGINS: I was just kind of  
2 curious.

3                   MR. HOWISON: Project operations, the  
4 project is a run-of-river operation with no active  
5 storage.

6                   As we just discussed, it's operated  
7 remotely from the hydro control center in Ariel,  
8 Washington on the Lewis River.

9                   The hydro control center does monitor plant  
10 operations. And the plant is generally unattended.  
11 We do have the local operator based in the Enterprise  
12 service center.

13                   And he visits the project on an as-needed  
14 basis. And that's, you know, at least once a month.  
15 But it's really much more frequent than that, that  
16 he's out there.

17                   The current license does not specify any  
18 daily seasonal ramping rates, forebay operations or  
19 flood control operations.

20                   MR. WIGGINS: A question on that. Does  
21 that mean that they don't have to regulate their flows  
22 at any point on the year?

23                   They can put the same 1.1 megawatt out  
24 every month of the year, under normal water  
25 conditions? Is that what they mean by ramping rates?

1 There's no seasonal change in output?

2 MR. HOWISON: Well, ramping rates have  
3 more to do with ramping in the bypass reach. If we  
4 were -- say the unit tripped offline.

5 Or for our maintenance outage for example,  
6 we don't have to go from our minimum instream flow  
7 release if we're ramping up on any set schedule like,  
8 you know, 50 cfs every hour or anything like that.

9 MR. WIGGINS: Oh, I see, on a restart.  
10 Because you have a diversion upstream. In other  
11 words, if you -- you can bypass the Pelton runner by  
12 dropping your water into the tailrace for maintenance.  
13 But what happens if they have to shut off the water  
14 completely, where do they do that?

15 MR. HOWISON: Well, there's a headgate  
16 at the intake up at the forebay. So in some  
17 conditions the headgate will drop and water will just  
18 spill over the spillway of the dam.

19 And other conditions, if there's a unit  
20 trip, will close the valve. There's a needle valve  
21 right immediately above the turbine. And that will  
22 close and the headgate will stay open.

23 And there's enough -- they don't close the  
24 needle valve quite all the way. And there is some  
25 water that passes through, so --

1                   MR. WIGGINS: You don't get any water  
2 hammer that way?

3                   MR. HOWISON: Right.

4                   MR. WIGGINS: The needle valve won't  
5 water hammer it. You can't just shut the water off  
6 immediately, that's the last thing you want to do.

7                   MR. HOWISON: Right.

8                   MR. WIGGINS: So they can bring it down  
9 to a very minimum flow. The water just backs up the  
10 pipe. And they don't have to divert any of the water  
11 downstream anywhere.

12                   There's no other division on the penstock  
13 anyway, is what you're saying?

14                   MR. HOWISON: No. It's just a spilling  
15 at the --

16                   MR. WIGGINS: Good, simple system. I  
17 was wondering about that, the ramping rate. So they  
18 can put out the same power at --

19                   MR. HOWISON: Legally, yes. But water  
20 availability becomes a problem in the low, drier time  
21 of the year.

22                   So basically there's a good percentage of  
23 the year there's not quite enough water in the system  
24 for us to take our full water right.

25                   MR. WIGGINS: Oh, really. Okay.



1 Because that water's running good. They've got to  
2 maintain a minimum in West and East Fork.

3 MR. HOWISON: A half cfs is the  
4 instream flow minimum.

5 MR. WIGGINS: How much?

6 MR. HOWISON: A half a cfs.

7 MR. WIGGINS: Well, that's the minimum  
8 for the actual native water? I call it the East Fork,  
9 then has to run?

10 MR. HOWISON: We have to release a half  
11 a cfs at the dam.

12 MR. WIGGINS: That's all?

13 MR. HOWISON: That's all.

14 MR. WIGGINS: I'll be darn. Well,  
15 that's not going to keep any fish alive.

16 MR. HOWISON: They're in there.

17 MR. CUTLIP: Well, what you see a lot  
18 is accretion flows too, as you move your way down the  
19 bypass reach.

20 MR. WIGGINS: It must be.

21 MR. CUTLIP: There's substantial  
22 amount --

23 MR. WIGGINS: So you're tapping off  
24 east -- you're tapping off Royal Purple. So your  
25 other water flows that support the fish, these ladies

1 know about, are coming in from other sources off the  
2 Mt. Howard.

3 MR. HOWISON: Well, there's a few small  
4 tributaries, but we suspect that there's basically  
5 springs in the bottom.

6 MR. WIGGINS: Yeah.

7 MR. HOWISON: Of the lower gradient  
8 portions of the river. You know, in that lower  
9 three-quarter mile where there's literally just water  
10 coming out of --

11 MR. WIGGINS: It is, it's coming out.  
12 Because that's all glacial till in there. So, thank  
13 you. I was interesting in hearing about that.

14 MR. HOWISON: That's how the fish can  
15 be in there.

16 MR. WIGGINS: Yeah. I was going to  
17 say, a half a cfs.

18 MR. HOWISON: So the timing in the  
19 scoping of the annual maintenance is coordinated with  
20 the Forest Service through our special use permit.

21 And that maintenance is typically done in  
22 July. And it does annual maintenance. I don't  
23 know -- we don't do it every year, but it frequently  
24 does include forebay flushing.

25 MR. WIGGINS: How would they do the

1 forebay flushing? What do they do?

2 MR. HOWISON: There's a low level  
3 outlet pipe on the dam. So it's basically at the  
4 bottom of the forebay. And they open that and drain  
5 the forebay. And then basically hose it out and  
6 pressure wash it.

7 MR. WIGGINS: Because they don't have  
8 to get any power up there of any kind, to run any  
9 pumps or anything?

10 MR. HOWISON: They take a generator.

11 MR. WIGGINS: Do they, okay.

12 MR. HOWISON: So unit trips, we really  
13 pretty much just talked about. In the majority of  
14 cases, we have this equipment on the penstock above  
15 the turbine, both a deflector plate and a needle  
16 valve.

17 And so when the unit trips offline, the  
18 turbine basically goes into a free wheel, it  
19 disconnects from the generator.

20 And we gradually close that needle valve.  
21 And allow some water to pass through, so that we don't  
22 completely dewater the tailrace.

23 MR. WIGGINS: Now, you mentioned the  
24 forebay headgate closes. Doesn't that have to be done  
25 manually by somebody going up there and turning that

1 thing or does it automatically --

2 MR. HOWISON: There are sensors on the  
3 penstock.

4 MR. WIGGINS: Yeah.

5 MR. HOWISON: And so basically when  
6 those sensors detect a drop in penstock pressure, say  
7 there was a blockage at the intake and you were going  
8 to have a vacuum effect that would cause a penstock to  
9 collapse, that would cause a drop in penstock  
10 pressure.

11 MR. WIGGINS: Bad news.

12 MR. HOWISON: And/or there was say a  
13 failure of the penstock and it was leaking, that would  
14 cause a drop in penstock pressure. The headgate  
15 senses those. There's an actuator on the headgate and  
16 it closes.

17 MR. WIGGINS: Oh, so it will  
18 automatically -- that could happen any time of the  
19 year.

20 It will do it on its own through a  
21 mechanical system that's already designed. It's  
22 probably spring loaded or something.

23 MR. HOWISON: I think it's electron.  
24 I'm not positive.

25 MR. WIGGINS: You guys don't have any

1 solar cells up there and you're not running any power  
2 up there, are you? You don't have any power cords  
3 that I saw.

4 MR. HOWISON: There's some utility  
5 boxes in the access road. There's something buried.

6 MR. WIGGINS: Oh, there is? They may  
7 have power up there after all then. I wasn't aware of  
8 that.

9 MR. HOWISON: I'm not completely sure.

10 MR. WIGGINS: And there's no solar --  
11 there's no exterior power source that I can see.  
12 Unless there's a little turbine in the penstock.

13 MR. HOWISON: Yeah, I doubt that.

14 So project facilities. This is our Royal  
15 Purple diversion dam, (indicating). It's two feet  
16 high and nine feet wide.

17 It diverts 1 cfs. It's an 8 inch PVC pipe,  
18 240 feet long, that discharges over into the East Fork  
19 of the Wallowa River right above the forebay. That is  
20 the partially buried pipe there.

21 Here's the project forebay, (indicating).  
22 It's about a quarter of a surface acre. No active  
23 storage. It does get some light recreational use  
24 from --

25 MR. WIGGINS: I've never seen anybody

1 fishing in there. Have you guys seen any fish in  
2 that?

3 MR. HOWISON: I personally have never  
4 seen any fish nor have I seen anybody fishing.

5 MR. WIGGINS: Me neither.

6 MR. HOWISON: This is the East Fork  
7 diversion dam, (indicating). It's 18 feet high, 125  
8 feet long.

9 It's a rock-filled log crib structure with  
10 an asphalt core. It diverts total of 16 cfs. And it  
11 was rebuilt in 1993.

12 And it has an open spillway that's 30 feet  
13 wide. And is at an elevation of about 5,800 feet. A  
14 view of the dam from the downstream side,  
15 (indicating). You can see our low level outlet pipe  
16 right there.

17 MR. WIGGINS: Yeah. I was going to  
18 say, that must be a -- it looks like they keep a  
19 little bit of flow through there.

20 MR. HOWISON: That's the half cfs  
21 minimum instream flow.

22 MR. WIGGINS: And that's a high water  
23 condition right there, because of your spillway.

24 MR. HOWISON: I took these pictures  
25 last June.

1                   MR. WIGGINS: Yeah. There's a lot of  
2 water up there this year, a lot of water.

3                   MR. HOWISON: Yeah.

4                   This is the bypass reach, (indicating).  
5 It's about a mile and three-quarters long. We have a  
6 minimum instream of a half cfs. And it's a very steep  
7 reach. It's total overall gradient is about 750 feet  
8 per mile.

9                   The upper mile has a gradient of about a  
10 thousand feet per mile. And the lower three-quarters  
11 of a mile has a gradient of about 450 feet per mile.

12                  MR. WIGGINS: When they found that in  
13 the 1920's, they thought that was just an ideal  
14 situation for them, when you think about it. Did you,  
15 in your records, see who built the original dam? I  
16 see in your notes there --

17                  MR. HOWISON: Enterprise Electric  
18 Company.

19                  MR. WIGGINS: It was local guys?

20                  MR. HOWISON: Yeah. They might have  
21 brought in a contractor.

22                  MR. WIGGINS: Well, yeah, sure. But as  
23 far as -- as Enterprise Electric, they probably had  
24 some local investors.

25                  MR. HOWISON: Yeah. I believe Pacific

1 Power was involved in the original development.

2 MR. WIGGINS: Well, PP&L was around  
3 then.

4 MR. HOWISON: Yeah.

5 MR. WIGGINS: And I've noticed, I've  
6 been up there in the wintertime when all the local  
7 power is off.

8 Just no local service at all in those homes  
9 up there. And you can hear it running in there.  
10 Without a load, that would be bad news.

11 I think they can bypass through the  
12 Creighton feeder here in the substation. I don't  
13 think they can bypass all consumption at the lake and  
14 just export the power into the valley. Because  
15 they've got to have a load on it. And you can hear it  
16 running, just under load.

17 And then local folks are cut off. So  
18 there's some sort of a junction up there where they  
19 can serve the local end of the lake and still, you  
20 know -- you terminate the no local users and serve the  
21 people in Joseph too.

22 MR. HOWISON: Huh.

23 There's a couple of pictures of the lower  
24 bypass reach, (indicating). Project flow line, it's  
25 about a mile long.



1                   2,800 feet of 18 inch diameter steel pipe  
2 and 2,888 feet of 16 inch diameter steel pipe. And it  
3 does have two elevated trestle sections. And the  
4 remainder of the penstock is buried.

5                   MR. WIGGINS: They did a good job.  
6 Have they mentioned anything about tree root? With  
7 the way that's buried, they can -- did you guys  
8 mention any concern by the company on tree root damage  
9 to that pipe?

10                  MR. HOWISON: Divert.

11                  MR. WIGGINS: Either pushing it or  
12 maneuvering? Because there's some major big trees  
13 right over that thing. You can tell where, roughly.

14                  MR. HOWISON: I've never heard any  
15 mention of that.

16                  MR. WIGGINS: When you guys went up the  
17 trail, did you find the air release system, did you  
18 guys see that when you went up the road or up the  
19 trail?

20                  MR. HOWISON: The vents on the pipe?

21                  MR. WIGGINS: The air vent on the pipe.

22                  MR. HOWISON: Yeah.

23                  MR. WIGGINS: And that's about the only  
24 thing that a tourist that's walking along there would  
25 see, is that little air release valve, or hear it.

1                   And he probably wonders what it is when  
2 they walk by there. And I noticed you had an air  
3 release system at high point.

4                   MR. HOWISON: Yeah.

5                   MR. WIGGINS: There may be more than  
6 one.

7                   MR. HOWISON: There are a number of  
8 vents along the entire length of the pipe, I believe.

9                   The powerhouse was constructed in '21. Has  
10 a total hydrologic head of 1,168 feet. And a capacity  
11 of 1.1 megawatts.

12                   A single generating unit, operates as a  
13 run-of-river project. And it's at an elevation of  
14 about 4,600 feet.

15                   There's a look inside the plant,  
16 (indicating). The project tailrace is about a  
17 thousand feet long. It discharges into the West Fork  
18 Wallowa River. The upper 50 feet is a concrete-lined  
19 canal.

20                   MR. WIGGINS: Would you mind telling me  
21 briefly, if you'd go back to the generator system.  
22 Are they running two -- do they just run one Pelton  
23 runner and one generator?

24                   MR. HOWISON: Yes.

25                   MR. WIGGINS: Okay. I was just

1 curious. One of each.

2 MR. HOWISON: Yeah. This is the Pelton  
3 wheel, this is the generator, (indicating).

4 MR. WIGGINS: Yeah. Direct drive,  
5 okay.

6 MR. HOWISON: Tailrace, unlined portion  
7 of the tailrace, (indicating). And then finally we  
8 wind up at the park.

9 Campground is not a requirement of the  
10 current FERC license. It has however located in the  
11 project boundary and is included in our public safety  
12 plan.

13 It's 11 units total, one double camp unit  
14 and ten single. Two vault toilets and full hookup  
15 with water and electric.

16 It is used by reservation only. And  
17 typically operates at about 75 percent capacity during  
18 the peak summer season of May through September.

19 MR. WIGGINS: Who manages the  
20 maintenance on the place and keeps the toilets clean  
21 and stuff?

22 MR. HOWISON: We have a local property  
23 management company that basically manages the  
24 reservation system and --

25 MR. WIGGINS: Oh, good. They do a good

1 job. They keep it clean. I was just kind of curious.

2 MR. HOWISON: They oversee all the  
3 annual maintenance.

4 MR. WIGGINS: So it's a private  
5 contract?

6 MR. HOWISON: Yeah. And they also  
7 operate some other B&Bs and so on in the Wallowa --

8 MR. WIGGINS: It's a real good deal  
9 actually. It's a great deal. A lot of people would  
10 rather use that if they knew about it.

11 You know, I don't know if the state park  
12 even tells people about it.

13 MR. HOWISON: They do.

14 MR. WIGGINS: If they're full, they'll  
15 tell folks to go give them a call.

16 MR. HOWISON: Or if people come into  
17 the state park and they're looking for a little more  
18 rustic experience, instead of that big state park with  
19 the large capacity.

20 MR. WIGGINS: Yeah.

21 MR. HOWISON: But yeah, I spoke last  
22 fall to the superintendent there at the Wallowa Lake  
23 State Park and he said, yeah, they refer people up  
24 there

25 MR. WIGGINS: Good. And they get it

1 cleaned up every spring by the local contract folks?

2 MR. HOWISON: Yeah.

3 MR. WIGGINS: We had our visitors this  
4 year. And they bring in inmates from the Snake River  
5 Correctional Facility to clean the park. That's how  
6 they get the job done every spring.

7 The guys are trucked in here from the  
8 prison for about two weeks. And they get a little  
9 outdoor experience. But you guys don't have to worry  
10 about maintaining that thing, that's good.

11 MR. CUTLIP: All right. So at this  
12 point I'll talk about the resource issues that we have  
13 identified for analysis in the environmental  
14 assessment. These are not identified in my  
15 presentation, but they are in the Scoping Document.

16 The listed issues will provide a basis for  
17 identifying information gaps that would be filled  
18 through the study planning process. And as I  
19 mentioned, would be analyzed in the EA.

20 It's not intended to be exhaustive or  
21 final, but is an initial list that we have identified  
22 based on staff review of the record and the  
23 information in the preapplication document and any  
24 other available information.

25 The first resource area that we'll be

1 evaluating is geologic and soils resources.  
2 Specifically we'll be looking at the effects of  
3 project operation and maintenance on soil erosion,  
4 particularly on the upper portion of the East Fork and  
5 access road.

6 For aquatic resources, we'll be looking at  
7 the effects of project operations and maintenance on  
8 water quality, specifically water temperature,  
9 dissolved oxygen, total dissolved gas, and turbidity.

10 For fisheries, we will look at the effects  
11 of project operations and maintenance on available  
12 habitat for rainbow trout, bull trout, and kokanee.

13 And we will be looking at the effects of  
14 project operations, specifically unintended ramping on  
15 the potential for dewatering of bull trout and kokanee  
16 redds in the powerhouse tailrace channel.

17 For terrestrial resources, we've identified  
18 the effects of project operation and maintenance on  
19 wildlife and botanical resources occurring in the  
20 project area.

21 For the threatened and endangered species,  
22 the effects of project operation and maintenance on  
23 the following threatened and endangered species: bull  
24 trout, gray wolf, MacFarlane's four o'clock, and  
25 Spalding's catchfly.

1 MR. WIGGINS: What were those last two?

2 MR. CUTLIP: MacFarlane's four o'clock  
3 and Spalding's catchfly. I'm not sure what  
4 MacFarlane's four o'clock is. I believe Spalding's  
5 catchfly is a butterfly.

6 MR. HOWISON: I think they're actually  
7 both plants.

8 MR. CUTLIP: Oh, really?

9 MR. HOWISON: I know MacFarlane's four  
10 o'clock is a plant.

11 MR. WIGGINS: It's gotta be a name.  
12 That sounds like some botanist would come up with a  
13 name like that.

14 MR. HOWISON: I talked to our botanist  
15 before I left, to ask about that one.

16 MR. WIGGINS: She has the same  
17 question. What's the other one? You should know.

18 MS. FOSTER: I've been wondering the  
19 same thing the whole time.

20 MR. HOWISON: I think they're both  
21 plants, but I'm not positive. The Spalding's  
22 catchfly --

23 MR. WIGGINS: We won't ask you to show  
24 a picture of them.

25 MR. CUTLIP: This list actually came

1 from the Fish and Wildlife Service's species list for  
2 the county.

3 MR. WIGGINS: Really?

4 MR. CUTLIP: And so you can actually  
5 pull up a list of endangered and threatened species by  
6 county throughout the entire U.S. And so this was a  
7 current list.

8 After the application's filed, we will  
9 actually request a formal list from the Fish and  
10 Wildlife Service.

11 MR. WIGGINS: I saw the guys up there  
12 today. They were up there setting a bear trap. We've  
13 got a local bear in the garbage cans. They just set a  
14 trap today.

15 So they're going to try to keep the bears  
16 out of the place. So you wouldn't have to worry about  
17 bears, but the endangered plants are another story.

18 MR. CUTLIP: So moving on to  
19 recreation, we've identified the adequacy of existing  
20 recreation facilities and public access within the  
21 project boundaries to meet current and future  
22 recreational demand, over the term of the new license.

23 We are also looking at effects of the  
24 project on the recreational experience of users  
25 accessing the Wallowa-Whitman National Forest and



1 Eagle Cap Wilderness.

2 For cultural resources, we'll look at the  
3 effects of the project on historic properties and  
4 traditional cultural properties located within the  
5 project's area of potential effect.

6 For aesthetics, we'll look at the effects  
7 of project facilities and operations on the aesthetic  
8 experience of visitors and residents using project  
9 lands and waters.

10 And for developmental resources, we will be  
11 looking at the energy and capacity benefits of the  
12 project and the effects of funding various protection  
13 mitigation and enhancement measures on the cost of  
14 project power.

15 So moving on, I'll now turn the meeting  
16 back over to Russ, so he can discuss PacifiCorp's  
17 current list of proposed studies.

18 As I mentioned earlier, some of these have  
19 been modified or refined since the filing of the PAD.  
20 And after review of the preliminary list of issues  
21 identified by FERC's staff in the Scoping Document.

22 MR. HOWISON: Thanks, Matt. So this is  
23 just our current thinking on studies. And as Matt  
24 mentioned, we have revised a few of them. Most  
25 notably in the water resources arena and aquatics,

1 aquatic resource arena.

2 So for geology and soils, we are proposing  
3 to conduct a risk and needs assessment of the forebay  
4 access road to identify long-term soil erosion and  
5 slumping. Particularly on the upper portion of the  
6 access road near the forebay.

7 MR. WIGGINS: Who owns that little  
8 bridge down there?

9 MR. HOWISON: Which bridge?

10 MR. WIGGINS: If you go right down  
11 below the diversion, down around. I'll call, say  
12 going down around.

13 You go past the exposed penstock. And then  
14 down there, there's a bridge across the East Fork.

15 MR. HOWISON: Kind of connects the --

16 MR. WIGGINS: Trail to your road.

17 MR. HOWISON: The Forest Service.

18 MR. WIGGINS: Oh, they do?

19 MR. HOWISON: It's Forest Service  
20 property. So they own pretty much everything.

21 MR. WIGGINS: You guys didn't put that  
22 in. Why would they put a bridge up there? Because  
23 there's no -- the horses don't go on the trail, the  
24 hikers don't go across it.

25 MR. HOWISON: We may have put it in.

1 But I'm pretty sure it would be considered Forest  
2 Service property.

3 MR. WIGGINS: Because you never use it.  
4 It's a foot bridge basically.

5 MR. HOWISON: I'm not sure why it's  
6 there, to be honest. But I don't believe we maintain  
7 it.

8 MR. WIGGINS: Well, the Forest Service,  
9 they don't have the money to even remove it. But I  
10 don't think you'll get any comments from anybody that  
11 says it should be removed.

12 As a matter of fact, on the west side, just  
13 last summer they destroyed a bridge over there. The  
14 one that goes to Ice Lake.

15 It was falling in. So they just destroyed  
16 it. The move is to remove bridges and let people  
17 forward the creeks now.

18 MR. HOWISON: Right.

19 MR. WIGGINS: At least they won't ask  
20 you to remove the bridge, you hope not. But why  
21 should they require you -- I guess part of your study  
22 would be on the trail on the roadway rather.

23 MR. HOWISON: Yeah. I'm just talking  
24 about the roadway, not the Forest Service trail.

25 MR. WIGGINS: Yeah. They roadway,

1 they'll probably just ask you to maintain as a minimum  
2 status, so it doesn't cause any further erosion into  
3 the river.

4           Because you're -- although it's open to the  
5 public in effect, you're the only user that has a  
6 vested interest in maintaining it.

7           MR. HOWISON: Right.

8           MR. WIGGINS: You're not expected to  
9 maintain that for tourists, although there's no gate  
10 to preclude their use.

11           MR. HOWISON: That's the current  
12 situation, yeah.

13           MR. WIGGINS: You don't intend on  
14 gating the road? Would that be part of your eventual  
15 decision, is to put some sort of a gate across that  
16 road at the bottom? You can't keep people from  
17 walking around it.

18           MR. HOWISON: Right. We don't have any  
19 plans for an additional gate there. There is a gate  
20 toward the top near the bridge you mentioned, there is  
21 a gate that's usually open.

22           MR. WIGGINS: Yeah.

23           MR. HOWISON: There is a gate there.

24           MR. WIGGINS: You've never had any  
25 vandalism.

1 MR. HOWISON: Not that I'm aware.

2 MR. WIGGINS: That's a good thing.

3 MR. HOWISON: So for hydrology studies,  
4 we are proposing to conduct gauging of project  
5 effected waters, including the natural inflow point  
6 and above the East Fork Wallowa diversion, the East  
7 Fork Wallowa bypass reach, and the project tailrace.

8 We are going to attempt to estimate flows  
9 in Royal Basin Creek -- or Royal Purple Creek, based  
10 on basin hydrology.

11 MR. WIGGINS: Is there any gauging up  
12 there now? Do you have any sort of remote --

13 MR. HOWISON: We have staff gauges. We  
14 have a staff gauge at the East Fork right below the  
15 dam. But there are not other gauges on any other  
16 channels.

17 MR. WIGGINS: Has the USGS asked for  
18 any sort of a gauging up there?

19 MR. HOWISON: No.

20 MR. WIGGINS: Are the USGS involved in  
21 your -- in any of your studies or are they requesting  
22 to be involved in this system at all?

23 MR. HOWISON: No. They haven't to  
24 date, no.

25 MR. WIGGINS: That's probably a good

1 thing. How about the Corps of Engineers?

2 MR. HOWISON: No.

3 MR. WIGGINS: So you really only have  
4 to deal with FERC and the U.S. Forest Service and the  
5 Oregon Department of Fish and Wildlife.

6 MR. HOWISON: U.S. Fish and Wildlife  
7 Service.

8 MR. WIGGINS: Oh, the U.S. and the  
9 Oregon.

10 MR. HOWISON: Right. Because there are  
11 endangered species involved, so they handle endangered  
12 species. And also Oregon Water Resources will likely  
13 become involved in Oregon.

14 MR. WIGGINS: Well, we have a hydro  
15 permit. Just like you guys have a hydro permit.

16 MR. HOWISON: Right.

17 MR. WIGGINS: Yeah. And so they've got  
18 folks that are -- Mr. Kohanek, have you met -- he's in  
19 Salem.

20 MR. HOWISON: Yeah, I met him.

21 MR. WIGGINS: So they want to be  
22 involved.

23 MR. HOWISON: Uh-huh.

24 MR. WIGGINS: Well, it's good you don't  
25 have to --

1 MR. HOWISON: You mean Kohanek?

2 MR. WIGGINS: Pardon me. Craig  
3 Kohanek.

4 MR. HOWISON: Kohanek, yeah.

5 MR. WIGGINS: Pardon me, that's his  
6 name.

7 MR. HOWISON: Yes. We've dealt with  
8 him on a number of projects. And we have to typically  
9 deal with Water Resources on --

10 MR. WIGGINS: Since you guys are  
11 PacifiCorp, do you have to deal with the Energy Trusts  
12 at all, the Oregon Energy Trust? Or are they pretty  
13 much not involved? Since you're PacifiCorp.

14 MR. HOWISON: Yeah. I have not -- to  
15 date, we have no involvement with them.

16 Water quality studies, we're proposing to  
17 conduct a suite of studies to monitor several water  
18 quality parameters, including temperature, dissolved  
19 oxygen, total dissolved gas, and turbidity.

20 And the study area includes the two natural  
21 inflow points above Royal Purple and East Fork Wallowa  
22 diversion, the bypass East Fork Wallowa River, the  
23 project forebay, and the project tailrace.

24 We'll put a special emphasis on temperature  
25 and dissolved oxygen measurements during the

1 May/October time frame.

2           And for fish and aquatic resources, we're  
3 proposing to do preparing habitat survey and mapping  
4 in the lower bypass reach of the East Fork Wallowa  
5 River, in that lower gradient, lower three-quarter  
6 mile segment.

7           We'll be conducting habitat mapping,  
8 following the USDA Forest Service's Region VI Stream  
9 Inventory Handbook.

10           We will also be doing an instream flow  
11 study for fish habitat in the lower bypassed reach.  
12 And we will use the PHABSIM methodology to quantify  
13 how habitat within the lower bypass reach changes  
14 during alternative flow regimes.

15           We're proposing to focus the study  
16 primarily on bull trout, utilizing existing habitat  
17 suitability curves.

18           We will also conduct an evaluation of fish  
19 use of the project tailrace and bypassed East Fork  
20 Wallowa River.

21           And we will also evaluate the extent of  
22 bull trout use on the project tailrace and in the  
23 bypassed East Fork Wallowa River. That's more  
24 commonly known as a PIT-tag study.

25           And one other thing I'd like to mention



1 that I forget to mention at this morning's meeting is  
2 that we did initially propose a macroinvertebrate  
3 inventory. But we have dropped that from our  
4 proposal.

5 MR. WIGGINS: What would be a  
6 macroinvertebrate in this case, large snails?

7 MR. HOWISON: Aquatic insects, largely.  
8 So can you provide him some examples, maybe, Kaylea?

9 MS. FOSTER: Sure. Mayflies,  
10 stoneflies.

11 MR. WIGGINS: Oh, yeah. We've got a  
12 few of those. Although this year there might be more.  
13 Yeah, okay.

14 Do you see that as -- there's not many  
15 people fly fishing. So you're not going to get too  
16 much mayfly interest from the fisherman. It would be  
17 mainly just an inventory?

18 MS. FOSTER: Mainly just for ecological  
19 purposes.

20 MR. WIGGINS: I don't see hardly  
21 anybody fly fishing up there.

22 MR. HOWISON: Well, part of the reason  
23 why we decided to drop it as a study we were offering  
24 to conduct is because we don't -- the Scoping Document  
25 didn't really identify it as an issue. And we felt

1 that we would probably be better served to focus our  
2 energy on the fisheries issues.

3 MR. WIGGINS: Yeah, I agree.

4 MR. HOWISON: Primarily the bull trout  
5 issue.

6 MR. WIGGINS: And you guys -- I'm  
7 looking at the mailing list, you do have the Nez Perce  
8 Tribe rather than the Umatilla Tribe on this.

9 MR. HOWISON: We have all three. But  
10 that's FERC's mailing list. That's not PacifiCorp.

11 MR. WIGGINS: That's FERC's mailing  
12 list. You guys have got the Nez Perce Tribe  
13 definitely. And they have an office in Joseph.

14 MR. HOWISON: I know I spoke with  
15 their -- I believe it's the habitat program. The  
16 Joseph office is affiliated with the Nez Perce, I  
17 believe it's the habitat program. And I spoke with  
18 the habitat program manager.

19 MR. WIGGINS: Oh good. I think they  
20 get a fair amount of BPA money. I think a certain  
21 amount of their financing.

22 So they've got a pretty well staffed office  
23 there, I understand. And they've got some pretty well  
24 respected biologists who are very familiar with the  
25 area.

1                   MR. HOWISON: I've had one pretty brief  
2 conversation with them and have tried to get in touch  
3 with their field biologist, who was stationed in  
4 Joseph. But we haven't been able to actually --

5                   MR. WIGGINS: Have you met Colleen  
6 Fagan?

7                   MR. HOWISON: Yes.

8                   MR. WIGGINS: She's changing jobs, you  
9 know. Did she tell you that?

10                  MR. HOWISON: I think she already has,  
11 yes.

12                  MR. WIGGINS: Yeah, I noticed her name  
13 here. And it occurred to me, she probably would  
14 rather not be on the mailing list. Is she out of that  
15 job now or is she --

16                  MR. HOWISON: Yeah. She has moved into  
17 the hatchery management.

18                  MR. WIGGINS: Yeah. As a biologist,  
19 she's probably more interested in that. Have they  
20 replaced her?

21                  MR. HOWISON: They just interviewed for  
22 her replacement a couple of weeks ago. So Colleen's  
23 boss, Ken Homolka, was here this morning, at this  
24 morning's meeting.

25                  MR. WIGGINS: Where is he based out of?

1 MR. HOWISON: Salem.

2 MR. WIGGINS: Okay. She's been a great  
3 lady. But I just wanted you to know, if you knew.

4 MR. HOWISON: Yeah, I did know. Thank  
5 you.

6 So for wildlife and botanical. We are  
7 proposing some basic inventories, including vegetation  
8 cover type mapping, noxious weed surveys, repairing  
9 and wetland delineation and mapping, sensitive plant  
10 surveys, and basic wildlife observations that would be  
11 conducted during the botanical surveys that I just  
12 mentioned. And we are not at this time proposing any  
13 protocol wildlife surveys.

14 MR. WIGGINS: What's a protocol  
15 wildlife survey compared to a general wildlife survey?

16 MR. HOWISON: It's when you follow a  
17 certain protocol that's typically -- I don't know who  
18 exactly establishes them.

19 But say, you know, for a certain species,  
20 you need to go out at a certain time of year when  
21 they're most active.

22 And say for a certain bird that's  
23 nocturnal, you have to go out in September during  
24 certain times of day.

25 MR. WIGGINS: Because we've seen -- my

1 only comment on that respect would be you might want  
2 to have them come up once in the wintertime.

3 Because we see, hiking up there in the  
4 winter, we see a fair number of trails and tracks in  
5 the wintertime.

6 We thought we saw this last year, bobcat  
7 and possibly -- I'm thinking it was rabbits for sure.  
8 But we're not sure whether it was a bobcat or a fox up  
9 there this last winter. And sometimes -- you'll never  
10 see them in the summer.

11 So it's something I'm sure the biologists  
12 would consider, maybe a winter trip. And because it's  
13 quite impressive what does happen.

14 And there have been a couple of avalanches  
15 on that road. When we've gone up on the -- in the  
16 wintertime, you can see where those snow shoots on  
17 the --

18 MR. HOWISON: Snow avalanches.

19 MR. WIGGINS: Snow avalanches.

20 MR. HOWISON: Yeah.

21 MR. WIGGINS: They've come down across  
22 there. But your system, seems to me, to be pretty  
23 well protected.

24 But that might be one issue you might want  
25 to address in your -- mention to the guys, is that if

1 they come up in March, they're going to see signs of  
2 those snow shoots.

3 MR. HOWISON: Uh-huh.

4 MR. WIGGINS: And how far that snow  
5 will fly down there.

6 MR. HOWISON: Well, I think for  
7 wildlife, once again, the potential of the project to  
8 really effect wildlife is pretty minimal.

9 MR. WIGGINS: Yeah, oh, I agree.

10 MR. HOWISON: You don't really see  
11 wildlife surveys --

12 MR. WIGGINS: The only thing you would  
13 gain in the wintertime would be an inventory, an added  
14 inventory.

15 MR. HOWISON: Right.

16 MR. WIGGINS: Yeah. But I don't think  
17 that's going to -- you're right. They can walk  
18 underneath it, they can go around it. They can't  
19 cross the dam though really, because you've got a  
20 little gate lock there.

21 MR. HOWISON: They can probably get  
22 around that gate.

23 MR. WIGGINS: They can get around it  
24 from the low.

25 MS. FOSTER: Climb.

1 MR. WIGGINS: Climb over it.

2 MR. HOWISON: I'm sure people can't get  
3 across --

4 MR. WIGGINS: Oh, no. No way. Of  
5 course.

6 MR. HOWISON: Okay. Recreation and  
7 land use. We're proposing an existing facility  
8 opportunity assessment. And that would look at  
9 recreation supply in the vicinity of the project.

10 And then we'll be doing a recreation use  
11 and needs assessment. Fairly self-explanatory there.

12 MR. WIGGINS: Do you have access, does  
13 the Forest Service give you guys any access to their  
14 permits, so you can see the numbers that are hiking  
15 that trail?

16 You know, they've got a permit system  
17 there. And they have to -- if you're legal, you're  
18 going to say, "I'm going to Aneroid Lake."

19 MR. HOWISON: Right. That's one of the  
20 things that I'm hoping to talk to the Forest Service  
21 about in the study planning process.

22 MR. WIGGINS: They should give that to  
23 you. You could get a good number on who's hiking that  
24 trail.

25 And I don't think the local horseback units

1 are using that trail anymore. The trail's in terrible  
2 shape.

3 But I don't think that the horse-packing  
4 business up there is going up that trail at all  
5 hardly. They have a little camp for hunters at  
6 Aneroid in the fall.

7 MR. HOWISON: Right.

8 MR. WIGGINS: They know about that.  
9 But you hardly ever see the day trippers going up that  
10 side. They go up the West Fork.

11 So the kids on horseback are not using it  
12 very much. And the families, you know. But if they  
13 did use it, they'd have to record it, wouldn't they?  
14 So many days per horseback on that trail. They still  
15 have to put it in even if it was a day trip, wouldn't  
16 they?

17 MR. HOWISON: I would think so. I  
18 would certainly think so. And like a commercial  
19 horse-packer or horse outfit.

20 MR. WIGGINS: They never use your road.  
21 They'd use the trail.

22 MR. HOWISON: They would have a permit  
23 that would require them to report usage.

24 MR. WIGGINS: Yeah. And so the Forest  
25 Service ought to be able to save you a lot of time on



1 that. You don't need to hire somebody to record or  
2 anything, do you?

3 MR. HOWISON: I'm hoping not.

4 MR. WIGGINS: How else would you do it?  
5 If they wouldn't give you the data, how --

6 MR. HOWISON: Yeah. You've have to do  
7 observations. Send somebody out and count people  
8 going by.

9 MR. WIGGINS: You wouldn't want to do  
10 that. Put a videocamera up there, a little mini  
11 camera, internet connection.

12 MR. HOWISON: Yeah. And I think -- or  
13 well, there's the trail use and then there's also the  
14 use of our campground.

15 But once again, because that's a  
16 reservation-only system, it should be fairly easy to  
17 track what the use is there.

18 MR. WIGGINS: Not as many people are  
19 going up that trail as there used to be. I'm sure of  
20 that. And the trail's in terrible shape above the  
21 dam. Did you hike very far up above the dam?

22 MR. HOWISON: I have not ever been very  
23 far up the dam.

24 MR. WIGGINS: Oh, it's a mess. Over  
25 the last 90 years, it's turned into a trench. And so

1 even the horses don't like it.

2 But the hikers, it's ever worse. It's like  
3 hiking in a trench as deep as this table,  
4 (indicating).

5 MR. HOWISON: Uh-huh. I haven't been  
6 to that portion yet.

7 Aesthetics and scenic resources. We  
8 propose to conduct an inventory of existing aesthetic  
9 conditions due to the project facility and operation.

10 And we will evaluate the project  
11 consistency with existing aesthetic designations and  
12 management plans and objectives.

13 And we'll be primarily using the Forest  
14 Service visual management system. And I think the  
15 primary plan that we'll be looking at for that effort  
16 is also the Wallowa-Whitman National Forest plan.

17 MR. WIGGINS: Have you met the new lady  
18 in Joseph?

19 MR. HOWISON: No, I have not.

20 MR. WIGGINS: You know, that's where  
21 their office is now, the old elementary school.

22 MR. HOWISON: Yeah, uh-huh.

23 MR. WIGGINS: And I think her office is  
24 right there in the hallway at the elementary school.  
25 So they've got a lady assigned to that part of the

1 forest, for the recreation side. I can't remember her  
2 name though.

3 But you probably go straight to that office  
4 there. And just call them up and they'll put you  
5 right on to the Forest Service person who has that end  
6 of the lake for the trail access.

7 MR. HOWISON: Sure. Great. Yeah. I'm  
8 looking forward to working with the Forest on  
9 recreation issues.

10 For cultural resources, we're proposing to  
11 do inventories of the three basic types of cultural  
12 resources.

13 So those are historic buildings and  
14 structures, which will primarily be the project hydro  
15 facilities themselves.

16 We'll do a pedestrian survey for  
17 archeologic sites within the project boundary. And we  
18 will also do a traditional cultural properties study,  
19 which typically involves Tribal consultation,  
20 consulting.

21 MR. WIGGINS: I think you've got the  
22 only historical building. What do they use that  
23 little building at the dam for? That's probably the  
24 only historical site.

25 MR. HOWISON: It's basically a storage

1 shed. Kind of a warming shed. There's a wood stove  
2 in there. So when the operator goes up there in the  
3 winter, he can --

4 MR. WIGGINS: That's something else,  
5 when your facility turns into a historical --

6 MR. HOWISON: It's old enough.

7 MR. WIGGINS: It's gotta be one of the  
8 older ones. Is it the oldest one, the oldest one's  
9 you've worked with in your work with PacifiCorp?

10 MR. HOWISON: No. Actually, our  
11 conduit project was completed in 1913. So it's older.

12 MR. WIGGINS: Where is that one?

13 MR. HOWISON: It's on the White Salmon  
14 River in Washington. And Fall Creek I believe is  
15 1901.

16 MR. WIGGINS: Fall Creek, where is  
17 that?

18 MR. HOWISON: It's in northern  
19 California.

20 MR. WIGGINS: Oh, yeah. That's right.  
21 That would be yours.

22 MR. HOWISON: That's part of the  
23 Klamath project.

24 MR. WIGGINS: Yeah. And that dam's  
25 coming out though, isn't it?

1 MR. HOWISON: Well, not the Fall Creek  
2 Dam.

3 MR. WIGGINS: They're bringing four  
4 dams down, aren't they?

5 MR. HOWISON: Yeah. But the Fall Creek  
6 project is an excellent example of a project that's  
7 very similar to the Wallowa one.

8 MR. WIGGINS: It's miles away from  
9 that.

10 MR. HOWISON: It's very small. Do you  
11 know the generation, Kaylea?

12 MS. FOSTER: It's probably two meg.

13 MR. WIGGINS: 1901. Any penstock?

14 MR. HOWISON: How many cfs?

15 MS. FOSTER: Let's see. Our minimum of  
16 inflow is 6. I think we might take up to 10.

17 MR. WIGGINS: Oh, so it's a little  
18 bigger?

19 MR. HOWISON: That sounds about right.

20 MR. WIGGINS: Interesting.

21 MR. HOWISON: It's high head, it's  
22 really high head.

23 MR. WIGGINS: Now, you guys though  
24 are -- I'm guessing you guys are hydro. You don't  
25 work with the new turbines, the wind turbines?

1 MR. HOWISON: I personally don't, no.

2 MR. WIGGINS: The FERC requirements for  
3 the new wind turbine systems?

4 MR. CUTLIP: No, we don't regulate  
5 wind. Other than transmission lines. We don't do end  
6 rates and that sort of thing. But we actually don't  
7 do any kind of licensing or permitting.

8 MR. WIGGINS: Oh, so you don't do FERC  
9 licensing on a new --

10 MR. CUTLIP: No. It's all managed by  
11 the state typically.

12 MR. WIGGINS: State of Oregon or State  
13 of Washington or whatever?

14 MR. CUTLIP: Yeah. FERC has no  
15 jurisdiction over wind farms or wind development.

16 MR. WIGGINS: Well, I thought FERC  
17 would be doing some of that. How about geothermal?

18 MR. CUTLIP: No. Hydro gas  
19 pipelines and --

20 MR. WIGGINS: Transmission systems.

21 MR. CUTLIP: -- liquefied natural gas,  
22 liquefied natural gas terminals and interstate or  
23 transmission systems, yeah.

24 So moving on quickly. I'll touch on the  
25 study request criteria. In addition to comments on

1 scoping, we are also requesting study requests from  
2 stakeholders.

3           In order to better focus study requests, a  
4 list of criteria were developed. These criteria are  
5 provided in Section 5.9B of the Commission's  
6 regulations. And they are summarized here,  
7 (indicating).

8           Basically if anybody intends to submit a  
9 study request, they need to show how the goals and  
10 methods of the study are addressed or how these study  
11 criteria are taken into consideration while developing  
12 study requests. So it's pretty important that these  
13 be considered when submitting a study request.

14           And there's actually an appendix to the  
15 scoping document that identifies the specific study  
16 request as they are presented in the regulations.

17           And finally we'll go over some of the  
18 important dates upcoming for the study planning  
19 process.

20           As I mentioned, the study requests are due  
21 June 23rd. PacifiCorp's proposed study plan is due to  
22 be filed with FERC by August 7th.

23           The study plan meeting would be held  
24 about -- will be held 30 days later, by September 6th.

25           MR. WIGGINS: Do you have to hold that

1 here in the county?

2 MR. CUTLIP: Yeah, it will be here.

3 MR. WIGGINS: So you're talking about  
4 September maybe?

5 MR. CUTLIP: September 6th. Yeah, it  
6 would have to be done by September 6th.

7 MR. WIGGINS: Sometime in late summer  
8 or Labor Day or something?

9 MR. CUTLIP: Yeah. Yeah. I mean, we  
10 wouldn't do it on a weekend or a holiday. So if the  
11 6th falls on a weekend or a holiday, you could go --  
12 we could extend the date to the next business day.

13 MR. WIGGINS: Oh, in early September.  
14 I don't know when Labor Day is this year.

15 MR. CUTLIP: It's right around then.  
16 But we could also move it up a week if we needed to.

17 MR. WIGGINS: Bring the family up here  
18 and have a vacation while you're at it. A good time  
19 of year. You can call it a business trip.

20 MR. CUTLIP: It is a good time of year  
21 to come here.

22 MR. WIGGINS: But then again, after  
23 that's completed, that's required.

24 MR. CUTLIP: Uh-huh.

25 MR. WIGGINS: You wouldn't have to come



1 back to the county for public input for another year,  
2 would you?

3 MR. CUTLIP: The next meeting that  
4 would be required by regulations would be an initial  
5 study report meeting, which would be one year from the  
6 Director's determination, which is January 4th. So it  
7 would be around January of 2013 that we would be back.

8 MR. WIGGINS: Like on Page B-3, I'm  
9 looking on Page B-3.

10 MR. CUTLIP: Are you looking at the  
11 schedule in the Scoping Document?

12 MR. WIGGINS: Yeah. The very final,  
13 Page B-3. Is that what you're talking about?

14 MR. CUTLIP: Yeah. That sounds about  
15 right.

16 MR. WIGGINS: The one here says,  
17 "1/18/13"?

18 MR. CUTLIP: Yes.

19 MR. WIGGINS: So you have a meeting in  
20 September, then you wouldn't have to be here at all in  
21 2012?

22 MR. CUTLIP: Correct. We would -- I  
23 mean there's the potential that we could have  
24 additional study plan meetings after the one that we  
25 committed to on September 6th. But those would need

1 to be done before the study plan determination.

2 MR. WIGGINS: But that doesn't mean  
3 that you wouldn't meet with the Tribe up here or have  
4 your own visits for meetings with individual groups,  
5 like the Tribe or County Commissioners or something?

6 MR. CUTLIP: We could. We could  
7 also -- you know, it's not that unusual that we might  
8 have like specific resource staff come back.

9 So for example, if they decided to do a  
10 PHABSIM study and they want to do transect selections,  
11 we could come up and just -- or pay a visit, just to  
12 have a presence and just kind of get a feel for what's  
13 going on.

14 MR. WIGGINS: Have you got a -- have  
15 you guys got any sort of involvement with the County  
16 Commissioners here? Do you have them on your mailing  
17 list?

18 MR. HOWISON: I believe we do. And I  
19 talked to --

20 MR. WIGGINS: Mr. Hayward.

21 MR. HOWISON: I talked to Mr. Hayward.

22 MR. WIGGINS: Good. Mike Hayward.  
23 Keep in mind, he and his wife used to run the resort  
24 up there. His parents owned the resort up there, his  
25 in-laws.

1           His in-laws owned a resort. The one that's  
2 called Eagle Cap, on the left, his parents, in-law,  
3 used to run it. So he and his wife took it over for a  
4 number of years.

5           He's your most knowledgeable person here in  
6 the county for anything. He's now a County  
7 Commissioner. And he knows the lake, because they ran  
8 a business there.

9           So if you have any politically orientated  
10 questions, he's probably the first person you should  
11 call would be Mike Hayward. If it's politics. Maybe  
12 you had a chance to meet him or just introduce  
13 yourself.

14                   MR. HOWISON: I talked to him on the  
15 phone last summer. And he actually told me the basic  
16 story of the water system that you laid out.

17                   MR. WIGGINS: 1988.

18                   MR. HOWISON: Yeah.

19                   MR. WIGGINS: And be sure he gets one  
20 of these, (indicating). Just drop it off at the  
21 courthouse or something. That's what I would  
22 recommend you do. You guys are leaving tomorrow?

23                   MR. HOWISON: Yeah.

24                   MR. WIGGINS: Or are you leaving  
25 tonight?

1 MR. CUTLIP: Yeah, we're leaving  
2 tomorrow.

3 MR. WIGGINS: Drop one by the  
4 courthouse and just put it on his desk, that's my  
5 recommendation.

6 Because if you have him as an ally, if  
7 you've got a County Commissioner as an ally, in this  
8 county that's politics, that's a plus right away.

9 So if you keep him informed. I'm surprised  
10 he didn't have a representative here. Just drop it  
11 off at his office and say, "Give me a call," if he's  
12 got a question.

13 I'd recommend you do that. It's well worth  
14 your time to drive over there and just drop it off at  
15 the -- they're upstairs in the courthouse.

16 MR. HOWISON: Okay.

17 MR. WIGGINS: Because he could be a  
18 real resource. He knows everybody.

19 MR. HOWISON: Uh-huh.

20 MR. CUTLIP: Okay. So then after the  
21 meeting, we would have the comments on the study plan  
22 by all stakeholders. Followed by filing of a revised  
23 study plan by PacifiCorp about a month later.

24 A few weeks after that, we would have  
25 revised study plan comments from stakeholders. And

1 then two weeks after that, we would actually have a  
2 letter from the Director, that would finalize and  
3 approve the study plan.

4 MR. WIGGINS: Now, when all these  
5 letters that are finally -- you mentioned the  
6 Director.

7 MR. CUTLIP: Uh-huh.

8 MR. WIGGINS: Are they found on the  
9 FERC e-file online -- when he issues a letter, it's on  
10 that FERC e-file right away, isn't it?

11 MR. CUTLIP: Yeah. If you're  
12 eSubscribed to the project, Project No. 308.

13 MR. WIGGINS: Yeah.

14 MR. CUTLIP: Yeah. You would be  
15 notified of everything in the ILP process.

16 MR. WIGGINS: And is that how they  
17 publish their legal record? In other words, they'll  
18 send you guys a letter with his signature on it.

19 But they don't have to send a letter to all  
20 these people on this list, do they? It's all found  
21 online, rather than in somebody's mailbox.

22 MR. CUTLIP: Yeah. You know, we used  
23 to issue hard copies to everybody on the mailing list.  
24 I'm not sure what the status of that is.

25 I believe they still do that actually. If

1 you are on the mailing list, you receive an actual  
2 hard copy.

3 MR. WIGGINS: What you ought to do is  
4 just send a little postal card to say, "Hey, it's all  
5 online."

6 MR. CUTLIP: Yeah. Well, I know that  
7 they're continuously revising the procedures to try  
8 and make it more electronically friendly.

9 MR. WIGGINS: Yeah.

10 MR. CUTLIP: I'm not sure.

11 MR. WIGGINS: I can see you guys  
12 getting a letter and getting a pile of stuff on this  
13 mailing list and filing it.

14 You can give them a postcard, then they can  
15 go online of course and it's all right there. It's on  
16 pdf or whatever.

17 MR. CUTLIP: Yeah. That's why we  
18 encourage people to eSubscribe, because it's the most  
19 efficient. And, you know, it's all done  
20 electronically, so there's not much paper put forth.

21 MR. WIGGINS: Yeah.

22 MR. CUTLIP: So that's what we  
23 encourage folks to do. Rather than -- I mean, being  
24 on the mailing list is good too, if you want hard  
25 copies of things. But you can get it all through the

1 eSubscription.

2 MR. WIGGINS: Yeah. So from my own  
3 point of view, if I send a card and get on the mailing  
4 list here, I'm going to get stuff in the mail.

5 MR. CUTLIP: Yeah.

6 MR. WIGGINS: But more likely, I can  
7 just go online, put in your number, and keep up with  
8 the whole plan, all these letters, all this --

9 Now, where do you file your biological and  
10 your technical reports? Do they get filed with --  
11 with that, it's all found online also, all the  
12 technical documents?

13 MR. CUTLIP: Yeah. As part of the  
14 study planning process, we'll -- actually in the study  
15 plan there will be mechanisms for reporting, filing  
16 the reports, that sort of thing, built into the study  
17 plan.

18 But ultimately those would all end up --  
19 because they would all ultimately go into the record  
20 that we would use to eventually inform the development  
21 of the license.

22 MR. WIGGINS: So the final license  
23 would have a pdf file with the reports on the  
24 fisheries and the reports on that environmental -- or  
25 reports on the recreation. It will all be published

1 on the e-file.

2 Does it actually end up in the federal  
3 register eventually or just the FERC's file?

4 MR. CUTLIP: It shouldn't end up in the  
5 federal register. The only thing that goes in the  
6 federal register typically are like notices when we  
7 issue certain major items.

8 Like when we issue the environmental  
9 assessment, that will go to the federal register.  
10 There will be a notice actually issued with that.

11 But all the technical reports will be in  
12 the project record under eLibrary.

13 MR. WIGGINS: Yeah. And they're all  
14 pdf files, so --

15 MR. CUTLIP: Right.

16 MR. WIGGINS: Okay. Thanks.

17 MR. CUTLIP: So with that, we'll take  
18 any further comments or questions before we close the  
19 meeting. Do you have anything else you'd like to add?

20 MR. WIGGINS: Believe it or not, I  
21 think that's it. I asked all the questions as we went  
22 along and broke it up.

23 MR. CUTLIP: Great. Well, as a  
24 reminder, all written scoping comments, comments in  
25 the PAD, and study requests are due to the secretary



1 of the Commission 30 days from today, that's June  
2 23rd.

3           Transcripts of the meeting will be  
4 available on FERC's online records information system,  
5 which is the eLibrary, which we talked about, about  
6 ten days from now. And you can access the eLibrary at  
7 the [ferc.gov](http://ferc.gov) home page.

8           So with that, thank you for participating  
9 in the meeting.

10           MR. WIGGINS: Thank you guys, ladies.

11           Now, this mailing list back here, are they  
12 getting a copy of this information here right off your  
13 PowerPoint there?

14           In other words, the Tribes for example here  
15 in Joseph, would they get kind of an information  
16 package in their mailbox, that this is what's  
17 happening, the PAD's underway and all of that? Or do  
18 they just kind of -- you just have to call them up on  
19 the phone and say, "Oh, by the way" --

20           MR. CUTLIP: I don't know if we mail  
21 Scoping Documents to the mailing list. I know we  
22 notice them in the federal register. So I'm not sure  
23 if this actually went out to the mailing list.

24           MR. WIGGINS: I don't think you're  
25 going to get any comments, negatively, from the

1 residents up there.

2           The folks at the lake like the idea of that  
3 power plant. And it's a friendly neighbor, they don't  
4 think about very often. So I don't think you're going  
5 to get any negative comments.

6           MR. CUTLIP: You got your physical  
7 copy?

8           MR. HOWISON: I believe I did.

9           MR. CUTLIP: Okay.

10          MR. HOWISON: I definitely got an  
11 e-file notification. But I got a hard copy.

12          MR. WIGGINS: Yeah, I'm sure it  
13 would --

14          MR. CUTLIP: I'm sure it would have  
15 been e-notified. Because that's part of the mailing  
16 post on the record.

17          MR. WIGGINS: And you of course you  
18 published all of that in The Chieftain.

19          MR. CUTLIP: Yeah. And so we issue a  
20 notice of the federal register and then newspaper  
21 notices as well, that stated that we would --

22          MR. WIGGINS: A lot of people ignore  
23 the federal notices. I wouldn't have seen it. But  
24 thanks for putting that in the paper.

25          And my only recommendation would be is to

1 get one to the County Commission there. Because if he  
2 sees any legal issue, he kind of represents everybody  
3 around here in that regard. And he can give you a  
4 heads up also.

5 MR. CUTLIP: Okay.

6 MR. WIGGINS: Since they didn't have a  
7 representative here. And the reporter, I know the  
8 reporter with The Chieftain.

9 He's covered our project and others. I'll  
10 be sure he gets one of these. His name is Brian  
11 Addison. He's the local reporter.

12 MR. CUTLIP: Okay, great.

13 MR. WIGGINS: And so don't be surprised  
14 if you get a note from the reporter. Because he's  
15 always looking for news.

16 For example, they're putting in a megawatt  
17 per year of solar out here in the valley. I think  
18 they're getting Energy Trust money. And they're going  
19 to sell that for like 30 cents a kilowatt hour.

20 Is that what the State of Oregon can  
21 mandate for sale of -- 30 cents? That's what he told  
22 me, and I don't believe it.

23 What do you guys see coming through on the  
24 solar side?

25 MR. HOWISON: I can't speak to that. I

1 really --

2 MR. WIGGINS: You guys don't deal with  
3 that solar?

4 MR. HOWISON: I'm focused on hydro.

5 MR. CUTLIP: Yeah.

6 MR. WIGGINS: Because your avoided  
7 costs up there is only 5, a little over 5 cents,  
8 during the day. And we get less on nights and  
9 weekends, or Sunday.

10 Compare 5 cents kilowatt hours we're  
11 already cost at the lake. And 4.5 I think at night.  
12 But they will be putting a lot more solar here in the  
13 valley. So that's going to be interesting to see.  
14 I'll be -- he's covering that in the newspaper.

15 But we don't see hardly any of our hydro.  
16 That was my last question. Are you guys working on  
17 any new hydro, is PacifiCorp investing in any new  
18 hydro?

19 MR. HOWISON: Not to my knowledge.

20 MR. WIGGINS: They don't have any  
21 projects under planning or installation anywhere,  
22 Rocky Mountain or northwest?

23 MR. HOWISON: Not to my knowledge.

24 MR. WIGGINS: It's all renewals.

25 MR. HOWISON: Yeah.

1 MR. WIGGINS: Because we're working --

2 MR. HOWISON: Wind, we have reached a  
3 lot of our document targets and goals for wind  
4 development.

5 MR. WIGGINS: Is the one here in Oregon  
6 going to be the largest in -- the one here in Oregon  
7 is finished.

8 Just south, isn't it south of The Dalles,  
9 isn't that going to be one of the largest in the  
10 country outside of Texas?

11 MR. HOWISON: It could be. I'm not  
12 sure.

13 MR. WIGGINS: The one that Google just  
14 invested in.

15 MR. HOWISON: Yeah, it could be. I  
16 don't know. There's a lot of wind power out there.

17 MR. WIGGINS: Well, this is the one  
18 that they want to build.

19 MR. HOWISON: Oh, it's a new proposal?  
20 Yeah, I don't know.

21 MR. WIGGINS: Google sunk something  
22 like 500 million into the thing. Of course, they  
23 don't brag.

24 You know what their consumption is in The  
25 Dalles. You know what that substation in The Dalles

1 is? Like 300 megawatts is what their consumption is  
2 there.

3 MR. HOWISON: It's a lot. I'm not  
4 exactly sure.

5 MR. WIGGINS: I read that in IEEE. 300  
6 megawatts for one server farm.

7 Well, thanks guys. I'll get this around  
8 and you might get a few replies from some local folks.  
9 But I think it's going to be a slam dunk around here.  
10 I don't anticipate any --

11 MR. CUTLIP: Well, thank you.

12 MR. HOWISON: Yes. We certainly  
13 appreciate the community support of our project.

14 MR. WIGGINS: Yeah. I mean, it's  
15 evidenced by -- I don't see any protesters. Keep in  
16 mind that there's a lot more Nature Conservancy in  
17 Wallowa County.

18 We've got the Wallowa Resources people,  
19 we've got the renewable folks here and the hospital.  
20 And Nature Conservancy owns a lot of Wallowa County  
21 now. And so does the Tribe.

22 If you start to look at land planning here  
23 in the Wallowa County, it's not just the Federal  
24 Government anymore. So they'll support you.

25 That's another one you might want to put on

1 your mailing list, is the Wallowa Resources down here  
2 in Enterprise. And then you can look that one up,  
3 Wallowa Resources.

4 In addition, the Nature Conservancy has a  
5 presence here. They own a lot of land.

6 MR. HOWISON: Okay.

7 MR. WIGGINS: A little pr there, it's  
8 always good to communicate with them.

9 MR. CUTLIP: All right. Well, with  
10 that, we'll close the meeting.

11

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(8:45 p.m.)

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