

**Powerdale  
Annual Agency Meeting  
January 26, 2004 – 1:30 p.m. to 3:30 p.m.  
PacifiCorp – LCT 1075A  
Portland, Oregon**

*In attendance:*

Larry Rasmussen, USFWS  
Rod French, ODFW  
Dan Strande, PacifiCorp  
Mindy Simmons, NOAA Fisheries  
Veronica Stofiel, PacifiCorp  
Arnold Adams, PacifiCorp  
Dave Leonhardt, PacifiCorp

*By phone:*

Gary Hazlett, PacifiCorp – Powerdale Operations  
Jorge Vargas, PacifiCorp – Powerdale Operations  
Dennis Brower, PacifiCorp – Powerdale Operations

**Proposed Agenda**

- 1) Introductions & Purpose of Meeting
- 2) Operations & Maintenance/Settlement Agreement Activities 2003 - 2004
- 3) 2003 Annual Temperature and Flow Monitoring Report
- 4) EA Comments

**Discussion**

**1. Purpose of Meeting**

This meeting was scheduled to comply with Article 3.13.1 of the Powerdale Settlement Agreement which requires PacifiCorp to convene an annual meeting with NOAA Fisheries, US Fish and Wildlife Service (USFWS), Oregon Department of Fish and Wildlife (ODFW) and Confederated Tribes of the Warm Springs Reservation of Oregon (CTWS) to discuss any fish and wildlife mitigation and monitoring activities. Representatives of NOAA Fisheries, USFWS and ODFW were present. CTWS was invited but not present.

**2a. O&M and Settlement Agreement Implementation Activities since filing of the Settlement Agreement (June 14, 2003)**

**Flowline Lining Repair – September/October 2003**

In late July 2003 PacifiCorp ceased generation because flows were too low to both meet the MSF requirement and generate power. It was originally thought that approximately 25 cfs were leaking from the flowline but in actuality it was 75-80 cfs. PacifiCorp decided to make the following repairs to portions of the flowline:

- A 450 ft section of a previously unlined portion of the wood stave was lined with a continuous polypropylene liner;
- A 1300 ft section further upstream of the 450 ft section was reinforced with steel girders;
- Additionally, several hundred feet of liner needing repair was identified (repairs scheduled for April or May 2004).

The Project resumed generation on October 24, 2003. Leakage has been significantly reduced but unknown exactly by how much. The Project has operated continuously except for 4 icy days in January 2004.

### **Flushing Sand Settling Basin**

The sand settling basin was last flushed during shutdown. There is currently not much sediment, but because flows are currently at very high levels the river basin will be flushed next week to take advantage of the flow.

### **Ramp Rates**

During the pre-FERC Order period, PacifiCorp is attempting to maintain a ramp rate of 3in/hr. The operators are aware of this and make necessary adjustments during startup. PacifiCorp will conduct a ramp rate study for February/March. Once a plan has been developed it will be sent to agencies for review.

### **Unit Trips**

During late November 2003, the unit tripped 3 times due to undetermined mechanical reasons and required a manual restart. The problem seems to have corrected itself. PacifiCorp will call GE Electric to the site if it happens again.

### **Cold Weather Operation**

Due to severe weather and ice flows in January 2004, the generator was shut down for 4 days to avoid damaging fish screens. The flowline was kept full to prevent ice development inside. There was also a problem with getting water into the forebay due to slush ice buildup on screens. PacifiCorp had considered lifting and/or removing a screen to allow water through but did not have to because the weather improved shortly thereafter. It was pointed out that it may be necessary in the future to lift or remove a screen under similar or worse conditions. NOAA Fisheries, ODFW and USFWS agreed that as long as it's a short period of time and at that time of year it probably isn't a major issue but requested to be notified in the event it happens.

### **Real Time Flow Monitoring Station/Internet (in process)**

PacifiCorp is working on establishing a real time flow monitoring station as required in section 3.3.2 of the Settlement Agreement, so it can be made available to the public shortly after the Final FERC Order. Details include:

- Installation of a new leased phone line from Powerdale to Merwin.
- Identification of hardware to be installed at Powerdale and Merwin. Some hardware is on order.
- Bids are out for purchase and installation of flow meters in the concrete portion of flume.

- The engineering consulting firm Black & Veatch has provided formulas for calculating flows out of the gates (8 sources for water in the bypassed reach).
- “Look” and location of web site is unknown, but will probably look somewhat like a USGS site but may not have the same level of interactivity.
- PacifiCorp is investigating consolidation of similar reporting needs of some its river systems into one PacifiCorp web site which is adding a level of complication.

**2b. O&M and Settlement Agreement Implementation Activities Scheduled for 2004**

<b>Activity</b>	<b>Approximate Date</b>
Repair damaged section of juvenile fish bypass pipe (caved in due to ice build-up in January 2004)	January/February 2004
Replace components on 2 fish screen units	April/May 2004
Annual hoist & crane inspection	February 2004
Ramp rate study	February/March 2003
Install liner in an additional 400 ft to 500 ft section of the flowline	April/May 2004
Replace original 1912 actuator on trash gate	April – July 2004 (TBD)

**Other Potential O&M/Settlement Agreement Implementation Activities in 2004**

- Replace existing toilet with portable, ADA-accessible toilet
- Install one additional picnic table at Powerdale Park

**3. 2003 Annual Temperature and Flow Monitoring Report**

On January 12, 2004 PacifiCorp submitted its 2003 Annual Temperature and Flow Monitoring Report to Oregon DEQ, as required by 3.3.4.1. Reviewed contents of the report.

*Note: There is an error on page 3, first sentence of section 3.2. The sentence should end at “by individual month” and the remainder should be deleted.*

**4. FERC’s Environmental Assessment**

FERC issued its EA for Powerdale Decommissioning on December 5. It was consistent with the Settlement Agreement. Only PacifiCorp and the US Fish & Wildlife Service provided comments to FERC.

**Action items from this meeting:**

- PacifiCorp to distribute ramp rate study plan to agency review prior to conducting the study.
- Notify agencies in the event it becomes necessary to lift or remove a screen due to cold weather/ice.
- Check on status of Settlement Agreement implementation items which must be implemented in 2004 (picnic table by June 14; toilet as needed)