



SOUTH FEATHER WATER & POWER AGENCY

TO: Board of Directors

FROM: Kathy Petersen, Power Division Manager

DATE: January 21, 2009

RE: General Information (regarding matters not scheduled on agenda)
1/27/09 Board of Directors Meeting

Operations

Attached is the Storage and Generation Report for December 2008. Despite the relatively dry year and extended outage on Sly Creek, the annual generation was greater in 2008 than in 2007. Also attached is a chart showing precipitation as of January 20, 2009. Precipitation levels remain below average, with less than an inch falling to date this month, although more is in the forecast.

The water transfer to the State Water Contracting agencies was completed last summer, but DWR did not consider it complete until the combined storage in Little Grass Valley and Sly Creek reservoirs reached 50,000 acre-feet. This storage amount was achieved on December 19 and was carried through the end of the year, completing the transfer subject to the ongoing refill criteria.

The petitions for a transfer to San Diego County Water Authority in 2009 were filed with the State Water Resources Control Board on December 23, and the public notice period has commenced.

Maintenance Projects

Forbestown Tunnel Intake Trash Rake and Sediment Removal Project

A dredging project was proposed for last winter, but all of the bids received exceeded the budget and the project was deferred until this year. You have an item in this month's agenda to approve an agreement with PG&E to perform this work; if you do so the dredging will begin in February. Marty Costa has completed the final hookup of the electrical control cable for the trash rake and a technician from EIMCO Water Technologies will be coming in early February to program the operating system. The trash rake will be placed in service in conjunction with the dredging project.

Sly Creek Dam Crest Raise Project

An Initial Study/Mitigated Negative Declaration (CEQA document) has been published for the Sly Creek Dam Crest Raise Project, and the comment period closed January 20. To remind you about the nature of this project, a raise of the crest by 10 feet using a mechanically stabilized earth retaining wall system is proposed. The bridge deck at the spillway will also be raised, the spill gate will be replaced with an Obermeyer type gate (pneumatic bladder type) and the approach roads will be re-contoured. The material used for the raise will be taken from a former borrow site on Soper-Wheeler land. You will see an agenda item in February seeking your approval of the CEQA document and a license amendment for the alteration to be filed with FERC and DSOD.

General Information

Dam Safety Forum

On January 15-16, Alex Brown and I attended the Western Regional Dam Safety Forum organized by FERC, California Division of Safety of Dams, PG&E and Southern California Edison. The meetings were held at Bechtel's offices in San Francisco and we attended sessions that covered risk management, seismic studies, flood calculations and regulatory consistency. We were a bit startled when we attended the final session of the conference to find out that FERC and DSOD staff were reporting on a joint project in which they used our Sly Creek and Ponderosa Dams for purposes of comparing their hydrologic calculation methods. What was surprising was that they had not shared the information they gathered with South Feather prior to discussing it in a public forum. Alex and I learned that they had calculated the return period for the maximum storms for each dam, as well as inflow and outflow data, independent of the studies our consultants had done. When their presentation was complete, I asked the FERC Deputy Regional Engineer to provide us with a copy of their report and PowerPoint presentation. The results do not change our course of action, but might have saved us some consulting expenses if we had been privy to them sooner.

**SOUTH FEATHER WATER AND POWER
SOUTH FEATHER POWER PROJECT
December 2008
STORAGE**

RESERVOIR	MAXIMUM CAPACITY	STORAGE ON 12-31-08	STORAGE ON 12-31-07
Little Grass Valley	89,804 AF	38,201 AF	45,046 AF
Sly Creek	64,338 AF	11,032 AF	15,455 AF
Lost Creek	5,361 AF	4,500 AF	4,373 AF
Forbestown Diversion	352 AF	303 AF	303 AF
Ponderosa	4,178 AF	3,319 AF	4,012 AF
Miners Ranch	896 AF	797 AF	656 AF
TOTAL	164,929 AF	58,152 AF	69,845 AF
Slate Creek Tunnel	800 CFS	18 CFS	13 CFS
South Fork Tunnel	600 CFS	34 CFS	24 CFS
Miners Ranch Canal	303 CFS	99 CFS	100 CFS

**MONTHLY NET GENERATION
FOR
December 2008**

	FOR December 2008	YEAR TO DATE ON 12-31-08	YEAR TO DATE ON 12-31-07
Woodleaf P.H.	14,109,070 KWH	177,660,490 KWH	162,321,910 KWH
Forbestown P.H.	7,415,730 KWH	101,213,660 KWH	91,970,670 KWH
Kelly Ridge P.H.	6,620,106 KWH	68,639,744 KWH	70,246,649 KWH
Sly Creek P.H.	1,173,500 KWH	21,196,400 KWH	17,551,200 KWH
TOTAL	29,318,406 KWH	368,710,294 KWH	342,090,429 KWH

South Feather Power Project - Forbestown Precipitation

