



SOUTH FEATHER WATER & POWER AGENCY

TO: Board of Directors

FROM: Kathy Petersen, Power Division Manager

DATE: August 22, 2007

RE: General Information (regarding matters not scheduled on agenda)
8/28/07 Board of Directors Meeting

Operations

Attached for your information is the Storage and Generation Report for July 2007. Also attached are charts showing storage at Little Grass Valley and Sly Creek reservoirs

The draft from Little Grass Valley Reservoir was lowered to 6 cfs for the five-year dam inspection from August 3-6, and then returned to 130 cfs on August 7.

Maintenance Projects

Lost Creek Dam – Concrete Coring

A brief PowerPoint presentation with photos of the coring project that occurred between July 25 and August 9 will be shown at your meeting. The road across Lost Creek Dam was reopened to the public on August 10.

Vandalism Repairs

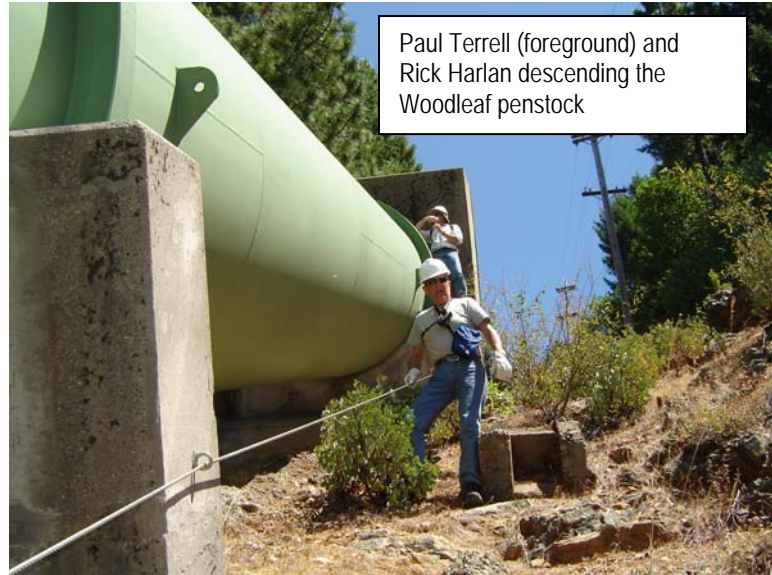
Vandals struck our facilities at Ponderosa Dam and Sunset Hill about a week apart. At Ponderosa Dam they removed the bolts and broke the hasps on the control panels for the spill gates. They were not able to operate the gates because the power is left in the “off” position at the feeder breaker. The crew repaired the control boxes

At Sunset Hill, the vandals removed the louvers from the lower portions of the doors, stole a fire extinguisher and battery, and discharged another fire extinguisher outside, but did not damage any communication equipment. They also did quite a bit of damage to the CDF lookout tower and storage facility, and CDF sent an investigator to collect fingerprints. New steel plates were added to the doors.

General Information

Potential Failure Modes Analysis and Five-Year Part 12 Inspections

A potential failure modes analysis was conducted for Little Grass Valley Dam August 6-8, in conjunction with the five-year Part 12 inspection by the Agency's independent consultant, Richard Harlan. FERC and DSOD participated in the PFMA session, as well as in the inspections of Little Grass Valley, Sly Creek and Lost Creek dams, and Sly Creek and Woodleaf penstocks and powerhouses. The PFMA session was facilitated by Wayne Edwards, who also facilitated the February PFMA sessions for Miners Ranch and Ponderosa dams. Rick Harlan and Paul Terrell again joined the team, as did John Davis, Denny Lewis, Scott Underhill, and Sannow Mam (our summer intern). Because of new rules at FERC regarding independent consultants, this is the last year Mr. Harlan will be conducting our inspections, and we are grateful for the 49 years of experience he has with the South Feather Power Project. Mr. Terrell's insights from his experience as the field engineer during construction were also invaluable.



Paul Terrell (foreground) and Rick Harlan descending the Woodleaf penstock

**SOUTH FEATHER WATER AND POWER
SOUTH FEATHER POWER PROJECT
July 2007**

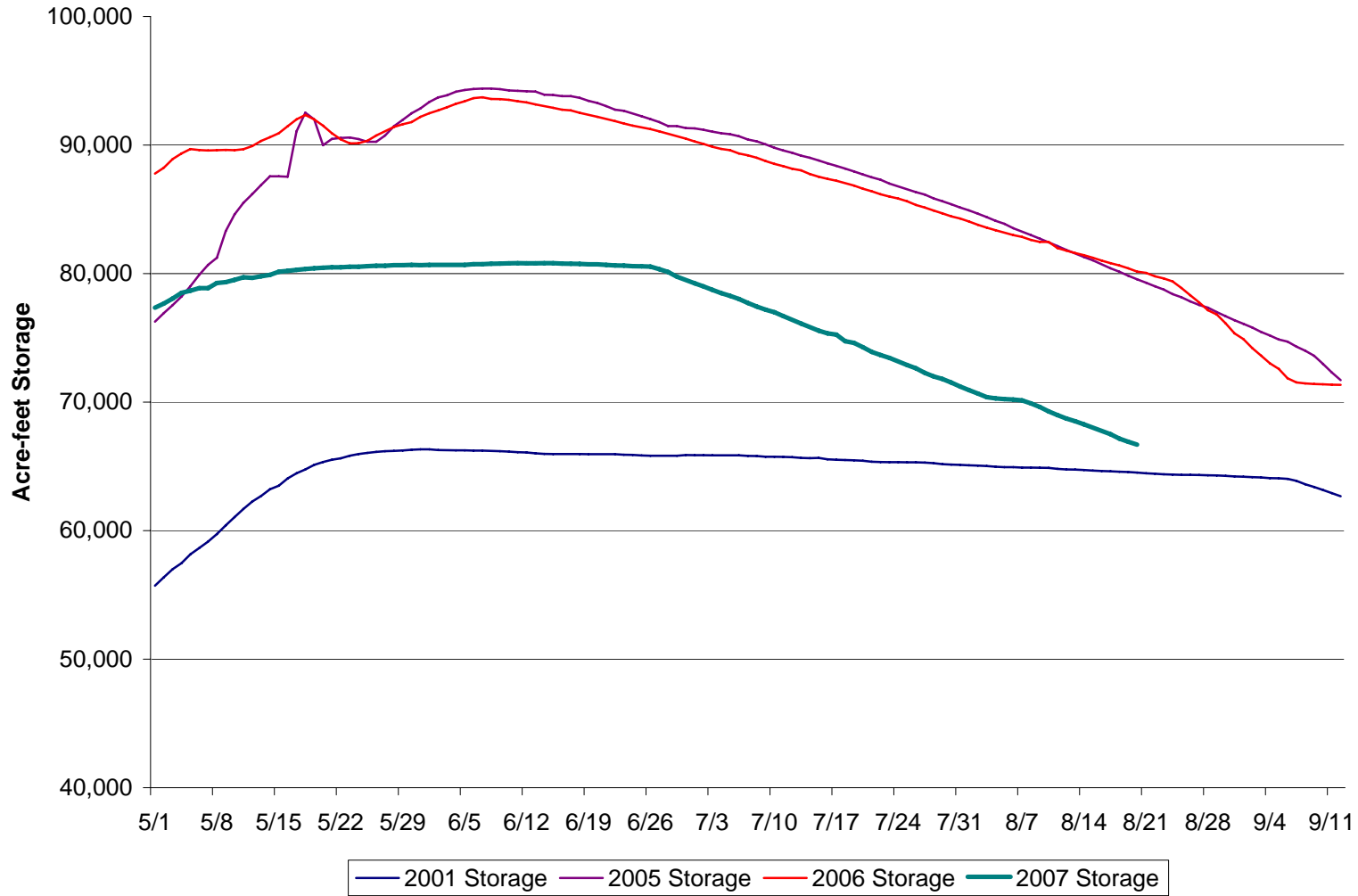
STORAGE

RESERVOIR	MAXIMUM CAPACITY	STORAGE ON 7-31-07	STORAGE ON 7-31-06
Little Grass Valley	94,660 AF	71,210 AF	84,286 AF
Sly Creek	65,650 AF	39,163 AF	42,918 AF
Lost Creek	5,750 AF	4,600 AF	5,313 AF
Forbestown Diversion	358 AF	320 AF	310 AF
Ponderosa	4,750 AF	3,999 AF	4,302 AF
Miners Ranch	896 AF	759 AF	741 AF
TOTAL	172,064 AF	120,051 AF	137,870 AF
Slate Creek Tunnel	800 CFS	0 CFS	0 CFS
South Fork Tunnel	600 CFS	130 CFS	99 CFS
Miners Ranch Canal	303 CFS	0 CFS	278 CFS

MONTHLY NET GENERATION

	FOR July 2007	YEAR TO DATE ON 7-31-07	YEAR TO DATE ON 7-31-06
Woodleaf P.H.	16,724,360 KWH	99,410,860 KWH	246,655,040 KWH
Forbestown P.H.	9,203,170 KWH	59,991,560 KWH	109,495,310 KWH
Kelly Ridge P.H.	7,062,782 KWH	45,140,556 KWH	54,088,295 KWH
Sly Creek P.H.	2,367,600 KWH	12,230,000 KWH	40,762,400 KWH
TOTAL	35,357,912 KWH	216,772,976 KWH	451,001,045 KWH

Little Grass Valley Storage



Sly Creek Storage

