

**ENVIRONMENTAL INSPECTION REPORT  
(ELECTRONICALLY SUBMITTED)  
FEDERAL ENERGY REGULATORY COMMISSION  
San Francisco Region**

**Inspection Dates** June 10 to 13, 2003

**Name** Upper North Fork Feather River

**Project No.** 2105-CA

**Licensee** Pacific Gas and Electric Company

**License Type** Major

**Development(s)** 27,000 acre Lake Almanor Reservoir (formed by Canyon Dam) at about 4504' PG+E datum; Intake 1A in Lake Almanor Reservoir; 2-mile Tunnel 1A; Butt Valley Powerhouse with one unit and authorized capacity of 39.96 Megawatts (MW)(generator rating); 1,600 acre Butt Valley Reservoir at about 4142'; Intake 2A in Butt Valley Reservoir; 1½-mile Tunnel 2A; Caribou No. 1 Powerhouse with three units and total authorized capacity of 67.14 MW (turbine ratings); Caribou No. 2 Powerhouse with two units and total authorized capacity of 113.4 MW (turbine ratings); 42-acre Belden Forebay at about 2985'; 61/3-mile tunnel including siphon under North Fork Feather River; Oak Flat Powerhouse with one unit and authorized capacity of 1.37 MW (turbine rating); Belden Powerhouse with one unit and authorized capacity of 117.87 MW (turbine rating); and the Gansner Bar fish barrier dam

**License Issued** November 1, 1954      **License Expires** October 31, 2004

<b>Location</b>	<u>NF Feather R. + Butt Creek</u>	<u>Lassen and Plumas National Forests</u>
	<u>(waterways)</u>	<u>(reservations)</u>
	<u>Plumas</u>	<u>California</u>
	<u>(county)</u>	<u>(state)</u>

**Inspector** Antonia Lattin

**Licensee Representatives** Mr. Bill Zemke, License Coordinator; Mr. Mark Sanford, Lands Department; Mr. Ted McDonald, Water Crew Foreman; and Mr. Mike Maloy, Generation Supervisor

**Other Participants** Ms. Kathy Turner, Lassen National Forest, Hat Creek Ranger District

**Summary of Findings**

The inspection resulted in public safety, recreation maintenance, and pollution control improvements and plans to raise or otherwise address power lines with inadequate clearance crossing access roads to boat launching ramps at Lake Almanor Reservoir (see Section A and the Follow-Up Actions Section).

On-the-water congestion at the highly developed Big Cove of Lake Almanor Reservoir will be addressed by the licensee in consultation with resort owners and the sheriff's boat patrol next year (see the Recreation Resources Subsection under the Follow-Up Actions Section).

Private development below the high water elevation of Lake Almanor Reservoir has been halted (see Follow-Up Section). The licensee administers a permit program at Lake Almanor Reservoir that covers private boat docks and retaining walls in addition to commercial uses (see Recreation Resources Subsection under the Comments Section). There is no recreation plan for the project.

Private employee developments should either be opened to the public with a length of stay restriction or removed from the project boundary as of relicensing (see Recreation Resources Subsection under the Comments Section).

Submitted 11/10 /03

Antonia Lattin

Environmental Protection Specialist

### A. Inspection Findings

<b>Requirements*</b>	<b>Date of Requirement</b>	<b>Follow-up Needed</b>	<b>Photo Nos.</b>
<b>CULTURAL RESOURCES</b>			
Consultation w/SHPO prior to future construction; if previously unrecorded cultural resources discovered, construction stopped until consultation completed (Art 37)(C 184)	O: 5-30-78 O: 6-25-82	No	
Halt of construction should previously unrecorded archeological resources be discovered, consultation w/ qualified archeologist, cooperation w/ SHPO and FS to develop mitigation plan (Art 44)(C 184)	O:4-21-83 (for Oak Flat PH) O: 8-24-83	No	
Cultural resources MOA associated with the Butt Valley Dam seismic strengthening work requiring: data recovery at Butt Valley Hotel/Camp 5; HABS/HAER recordation of Gate Tender's house, barn, and shed; and comparative data collection at Butt Valley Railroad grade (OP: A 4-25-97)(C 185)	Filed 6-13-96 Signed 4-18-97 Ap. 4-25-97	No	
<b>BIOLOGICAL RESOURCES</b>			
Stream flow gaging (Art 6)(C 89)	O: 1-24-55	No	
Flows to total 25,000 ac-ft/yr total per CDFG schedule (35 cfs year-round +/- 5% or 5 cfs) in NF Feather R. below Almanor as measured at Gage NF-2 (USGS No. 11399500)(Art 26.a + Art 26.c)(C 89)	O:4-9-64	No	1
Flushing flows in NF Feather R. below Almanor of 1,000 ac-ft/year excluding spills and releases above scheduled flows and to be released w/in 30 days of notice unless d/s plant off-line (Art 26.a + Art 26.c)(C 175)	O:4-9-64	No	
Flows to total 64,000 ac-ft/yr in NF Feather R. below Belden Forebay excluding spills and releases above scheduled flows as measured at Gage NF-70 (USGS Gage No. 11401112); CDFG allocation is 60 cfs fr. Labor Day to last Fri in April and 140 cfs the rest of the year +/- 5% or 5 cfs (Art 26.b + Art 26.c)(C 89)	O:4-9-64	No	2
Payment for fish improvements, including rough fish barrier (Art 26.d)(C 64)	O:4-9-64	No	
Cooperation on survey plans for NF Feather R. fr. Belden Dam to Gansner Bar (Art 26.e)(C 64)	O:4-9-64	No	
Cooperation w/ CDFG re. rough fish eradication (Art 26.g)(C 64)	O:4-9-64	No	

<b>Requirements*</b>	<b>Date of Requirement</b>	<b>Follow-up Needed</b>	<b>Photo Nos.</b>
Rough fish barrier at Gansner Bar (Art 26.h)(C 64)	O:4-9-64	No	3
Payment for CDFG stocking of 5,000 pounds catchable trout/yr between East Branch of NF Feather R. and Belden Forebay (Art 26.i)(C 64)	O:4-9-64	No	
Fish screens at diversions and other fish and wildlife measures if prescribed by the Commission (Art 28)(C 64)	O: 1-24-55 O: 4-21-83	No	
Avoidance of sudden release of large flows where possible and limited changes in flows (Art 29)(C 136)	O: 1-24-55	No	
Raptor protection plan for 8-mi 115/230 kV t/l from Butt Valley PH to Caribou No. 2 PH (OP: C 5-3-89)(C 206)	Filed 3-23-89 Ap. 5-3-89	No	
Notification and consultation w/ CDWR, CDFG, and FS to develop flow release plan when Belden PH off-line and water fr. Lake Oroville to be delivered during period of 3/1 to 10-31(OP: B 11-22-91)(C 211)	O: 11-22-91	No	
Bald eagle supplemental feeding plan and assessment of risks (OP: A and E 6-30-97)(C 148)	Filed 3-3-97 Ap. 6-30-97 Last filing 9-22-00; ack. 10-4-00	No	
Measures to protect red-legged frog (OP: B 6-30-97)(C 148)	Filed 3-3-97 Ap. 6-30-97	No	
Bird flight diverters on t/l rerouted for Butt Valley Dam reconstruction (OP: C 6-30-97)	O: 6-30-97	No	
Implementation of measures in 12-12-96 Biological Assessment (OP: D 6-30-97)(C 148)	O: 6-30-97	No	
Avoidance of $\geq 20$ " DBH trees (that could be beneficial to bald eagles) during Butt Valley Dam reconstruction (OP: F 6-30-97)(C 148)	O: 6-30-97	No	
Signs at Butt Valley Reservoir to educate public about protection of bald eagles (OP: G 6-30-97)(C 148)	O: 6-30-97	No	
No chemical treatments around reservoirs that could contaminate bald eagle food sources (OP: H 6-30-97)(C 148)	O: 6-30-97	No	
Survey for red-legged frogs along Benner Creek per USFWS 2-18-97 protocol w/ results filed w/ Commission (OP: I 6-30-97)(C 148) [revegetation/reforestation plan referred to in 1996 Biological Assessment includes riparian restoration along relocated Benner Creek channel adjacent to the Benner Creek borrow area]	O: 6-30-97	No	4 + 5
Post-Butt-Valley-Dam-remediation fishery mitigation plan, including construction measures (completed) [text of order also notes funding to CDFG of up to \$115,000 for fish habitat restoration projects in Plumas County and flows below Butt Valley Dam $\geq$ those present prior to dam remediation based on seepage data](OP: A+B 7-14-98)(C 64)	Filed 3-20-98 Ap. 7-14-98 Final Plan filed 11-2-98 Ap. 8-2-99	No	
<b>PUBLIC SAFETY</b>			
Facilities and measures to assure public safety (Part 12 CFR)(C 218)	Current regulations	Yes	6 to 11
Operations to protect life, health, property; to conserve and use waters for public benefit (Art 14)(C 115)	O: 1-24-55	No	
Structures/devices to reduce liability of contact between T/L and other wires or roads (Art 8)(C 111)	O: 1-24-55	Yes	12 to 15
<b>RECREATION RESOURCES</b>			
Recreational development (Part 2.7 CFR)(C 113)	Current regulations	No	
Recreation signing and posting (Part 8 CFR)(C 186)	Current regulations	No	

<b>Requirements*</b>	<b>Date of Requirement</b>	<b>Follow-up Needed</b>	<b>Photo Nos.</b>
Accessible new/updated facilities and routes (Americans with Disabilities Act)(C 110)	Current regulations	No	
Reasonable free public access for recreation (Art 17)(C 110)	O: 1-24-55	Yes	
Prior written Commission approval of non-joint-use leases of project or parts (Art 22)(C 202)	O: 1-24-55	No	
Control of non-project uses of project lands and waters (Art 42)(C 202)	Ltr: 9-24-80	Yes	
Construction of 6-slip boat dock and ramp at Moonspinner Resort (at Big Cove of Lake Almanor) (OP: A 7-1-98)(C 202)	O: 7-1-98	No	
<b>OTHER ENVIRONMENTAL RESOURCES</b>			
Roads, quarries, trails, and sanitary facilities subject to approval of US land-administering agency (Art 7)(C 213)	O: 1-24-55	No	
Avoidance of inductive interference (Art 9)(C 213)	O: 1-24-55	No	
Clearing and keeping clear conduits and shorelines (Art 10)(C116)	O: 1-24-55 7-17-74	No	
Clearing of transmission line RsOW per land-administering agency (Art 11)(C 116)	O: 1-24-55	No	
Fire suppression and advanced preparations (Art 13)(C 214)	O: 1-24-55	No	
Liability for injury or destruction of property of US (Art 16)(C 213)	O: 1-24-55	No	
Reserved authority for governmental take-over of project road(s) after construction (Art 19)(C 216)	O: 1-24-55	No	
No release of debris and silt-laden water fr. any gravel washing during construction (Art 27)(C 173)	O: 1-24-55	No	
Consultation with FS re. esthetic resources, including painting during normal maintenance and use of non-specular conductors for t/l replacements (Art 43)(C 169)	O:4-21-83 O: 8-24-83	No	
Sale and exclusion fr. project lands of 29.88 ac to Chester PUD for expansion of the sewage treatment plant by the addition of wetland holding ponds between elevations of 4494 and 4500' to avoid effluent discharges to Lake Almanor reservoir (OP: A 5-13-97)(C 139)	O: 5-13-97	No	16 + 17
Removal of transmission lines from project features upon obtaining permit from FS for lines (OP: A + B 12-22-98)(C 20)	O: 12-22-98	No	

\* **Art**=Article Number **OP**:=Ordering Paragraph Number **O**:=Order **C**=OEP-IT Code **18CFR**=Title 18 Code of Federal Regulations **Ap**.= Approved **On**.=Operational **Ack**.=Acknowledged.

### Follow-Up Actions

#### PUBLIC SAFETY

The post-inspection letter dated August 1, 2003, raised the question as to whether clearance under power lines crossing over roads to boat launching ramps at Lake Almanor Reservoir was adequate. The letter required an inventory of power line crossings (Photo 14). The licensee response dated September 30, 2003, reported that 8 of the 23 crossings over roads to boat launching ramps do not meet the National Electrical Safety Code (NESC) minimum clearances. The licensee intends to raise all three of the lines that it owns where they cross the access roads. The remaining five crossings occur on lines not owned by the licensee; the owners are being identified and contacted regarding these sites.

The post-inspection letter also questioned the clearance under the line from the non-

project Hamilton Branch Powerhouse across the Hamilton Branch inlet of Lake Almanor Reservoir (Photo 15). The licensee measured and reported clearance at this site that meets the NESC.

The licensee relocated the warning sign at the power line crossing over the Alder Creek boat launching ramp parking lot at Butt Valley Reservoir as a result of the inspection (Photos 12 and 13). The sign is now located between the main access road and the power line rather than between the line and the reservoir.

Poor visibility of floating log booms used as windbreaks at the numerous private resorts along the Lake Almanor Reservoir shoreline has been a chronic problem (as documented in previous environmental inspection (EI) reports for this project)(Photo 17). The licensee has developed public safety standards, including high visibility of these structures. As requested in the post-inspection letter dated August 1, 2003, the licensee conducted a subsequent inspection of the eight resorts with non-compliant structures identified during the EI and sent written notice to resort owners concerning needed improvements. Most visibility improvements were accomplished prior to the licensee's September 30, 2003, letter. The remaining improvements are scheduled to be completed by October 31, 2003.

The licensee removed abandoned dock and old cable debris at two areas after the inspection (Photo 18) in addition to working with the operator of the Northshore Resort to remove a child play structure with sharp edges, loose connections, and protruding bolts (Photo 10).

I discuss recreation maintenance items below under the Recreation Subsection. Many of these have public safety implications.

## RECREATION RESOURCES

The post-inspection letter dated August 1, 2003, required 12 recreation maintenance improvements (Photos 3, 6, 9 to 11, 14, and 19 to 21). The licensee's letter dated September 30, 2003, reported that all but five items had been accomplished. Of these, two are to be done by the Forest Service this fall, replacement of the fire rings is to be done by the licensee by next spring, and the remaining two items were accomplished by the licensee on October 3, 2003, as confirmed by phone on October 15, 2003.

The inspection noted congestion on the water surface in the Big Cove area of Lake Almanor Reservoir due to extensive private development in a narrow inlet (Photo 22). Private resorts located in the Big Creek Arm of Lake Almanor Reservoir include the following listed in counterclockwise order from the northeast portion of the inlet:

Almanor Lakeside Resort and Marina  
Peninsula Village Condominiums  
Almanor Lakefront Village  
Novatny's  
Villager Resort

High Sierra Campground  
Moonspinner's Cove Resort  
Country Club Resorts  
Knotty Pine Resort  
Little Norway Resort and Marina  
Big Cove Resort and Marina

The post-inspection letter requested notification of how the licensee intended to address the overcrowding issue. The letter also noted that the current permit program for Lake Almanor Reservoir does not include criteria for assessing the appropriate level of development based on planning concepts such as Boats-At-One-Time (BAOT) capacity, physical constraints, environmental considerations, and public safety concerns. The licensee responded in its letter dated September 30, 2003, that it would consult with marina operators and the Plumas County Sheriff's Boat Patrol to develop measures to be implemented in 2004, with a follow-up report on the results of this effort to be filed with FERC.

At the time of inspection, a developer had begun construction of a subdivision with some lots below the high water line of Lake Almanor Reservoir (Photo 23). The post-inspection letter dated August 1, 2003, requested additional information and stated that residential development should not occupy project lands, especially when such development would preclude project operations such as filling the reservoir to the spillway crest elevation. The letter also cited Article 42 (control of non-project uses of project lands) and Article 17 (reasonable public access for recreation). The licensee responded by letter dated September 30, 2003. Construction on project lands at Vision Lake Homes has been halted pending negotiations with the developer. The licensee will file an amendment application for Commission approval once a compromise has been worked out. Work will not resume at the lots within the project boundary until the Commission acts on the application.

#### OTHER ENVIRONMENTAL RESOURCES

After the inspection the licensee installed an interim sorbent material filter pending the design and installation of a permanent oil barrier at the drain in the Butt Valley Powerhouse packing box near the turbine guide bearing.

#### Comments

#### BIOLOGICAL RESOURCES

The licensee operates three projects in series along the North Fork Feather River and its tributaries. These are the Upper North Fork Feather River (P-2105), the Rock Creek-Cresta Project (P-1962), and the Poe Project (P-2107). The new license for Project No. 1962 includes the possible modification of the P-2105 Prattville intake in Lake Almanor Reservoir (Photo 24) to facilitate temperature control in the Rock Creek and Cresta Reaches of the North Fork Feather River under Condition No. 4.C of the Settlement Agreement incorporated into the P-1962 license.

The Butt Valley Dam Remediation Biological Assessment and the Benner Creek Revegetation/Reforestation Plan specify restoration of the relocated Benner Creek channel (away from the Benner Creek borrow area) by: placement of boulders to create pool habitat; placement of 4 inches of gravel in the channel bottom; replacement of 12 inches of topsoil; planting of 350 tree and 450 shrub riparian species propagated from stock collected locally. Photos 4 and 5 show this area.

## PUBLIC SAFETY

The licensee provides large sudden water fluctuation warning signs at points of public access at the Caribou Powerhouses and at the Belden Powerhouse. These include large before and after photographs of the river with the powerhouses off- and then on-line (Photo 8).

## RECREATION RESOURCES

There is no project recreation plan although both public and private recreation development is extensive, especially at Lake Almanor Reservoir. Existing public recreation facilities at Lake Almanor Reservoir include the 104-unit Almanor Campground (Photo 25); the 131-unit Rocky Point Campground; a 30-unit Rocky Point Overflow camping area (Photo 26); the 12-unit Last Chance Creek Campground; the 13-unit Last Chance Creek Group Camp; and the Camp Connery Group Camp (Photos 27 and 28). Existing public recreation facilities at Butt Valley Reservoir include the 30-unit Cool Springs Campground; the 63-unit Ponderosa Flats Campground; and the 20-unit Ponderosa Flats Overflow camping area. Overnight camping fees are \$13 or \$15 per family site per night. At the Camp Connery Group Camp, the fee is \$800 per week. The Almanor Group Campground is located about 1 ½ miles from Lake Almanor Reservoir (Photo 29).

Facilities were at or over capacity as follows at the public recreation areas over the last five years.

Facility	Days At or Over Capacity				
	1998	1999	2000	2001	2002
Rocky Point Campground	7	15	6	0	2
Last Chance Creek Cg	11	9	3	6	9
Cool Springs Campground	0	4	0	4	2
Ponderosa Flats Campground	0	1	0	2	1

Currently there are two developments occupying project lands that have been developed as recreation areas by the licensee's employee associations: the PSEA Camp Almanor (near the

Prattville intake)(Photo 30) and Camp Sun Ray (near Canyon Dam)(Photo 31). Both are located back away from the Lake Almanor Reservoir shoreline. When a new license is issued, either (1) these areas should be opened to the general public, instead of being open only to licensee staff and their friends/family, and a length of stay limit should be imposed consistent with restrictions at other public recreation sites at the reservoir, or, (2) the project boundary should be redrawn to exclude these private developments.

The licensee provided a list of the twenty-four commercial licenses/leases for Lake Almanor resorts. These represent over 850 boat slips. The licensee maintains a Lake Almanor Policy (dated 1992) with permit requirements, restrictions, and land management objectives. As part of the relicensing effort, the licensee has prepared a draft shoreline management plan to cover the commercial uses in addition to any shoreline developments associated with the over 1,000 private adjacent residential lots around Lake Almanor Reservoir. As of the inspection, 607 of these had dock permits and about 51 permit applications were being processed. There is no ongoing fee for the permits at present. The \$350 administrative permit fee has been waived since 1997. Licensee administration of these permits includes a survey by boat about twice each year.

Preliminary proposals for new public recreation sites at the project that may be considered during relicensing efforts include ten sites at Lake Almanor Reservoir, three dispersed or trail sites at Butt Valley Reservoir, and one cartop launch at the Belden Forebay (Photos 28 and 32 to 34). A long unpaved road that crosses railroad tracks provides difficult access to the Catfish Beach site.

## OTHER ENVIRONMENTAL RESOURCES

There was a turbine oil discharge at the Belden Powerhouse on August 28, 2001, of an estimated quantity of less than 30 gallons. The licensee deployed sorbent materials to remove the oil floating on the surface of the North Fork Feather River and notified resource agencies.

The discharge resulted from oil invading the cooling coil in the upper guide thrust bearing tub even though the cooling water was at a higher pressure than that of the oil bath. During a July 22, 2003, phone conversation, the licensee's representative reported that a new Standard Operating Procedure (SOP) has been implemented system-wide. It prohibits a restart of a unit any time it shuts down due to a high or low turbine bearing oil alarm. The procedure requires that the cooling coil be isolated and pressure tested after repair to assure that there are no other problems. A new valve was added to allow the system to be closed off for this test. The SOP also requires that the cooling water coil be flushed after a leak is repaired to remove any residual oil prior to placing the unit back in service. A new clean-out valve was added to allow this flushing. These represent reasonable measures to prevent pollution.

The licensee conveyed land to the Chester Public Utilities District per Order Issued May 13, 1997, for wetland treatment ponds to avoid sewage effluent discharges to Lake Almanor Reservoir. We met with Mr. Bob Merrifield with the Chester PUD during the inspection to discuss discharges. Prior to the completion of the additional ponds in 2000, the district discharged sewage effluent in 1997, 1998, 1999, and 2000. The discharges were reported to be



within the District's NPDES permit. The District reported no discharges in 2001 and 2002. Photos 16 and 17 show a new wetland pond and the outfall at a drainage ditch leading to Lake Almanor Reservoir.

The licensee checks fire ratings on a daily basis during the fire season and takes increasing levels of fire prevention and precaution measures as the ratings become more extreme.

**B. Exhibit and Photographs**

The following show the location of the project and illustrate project features:

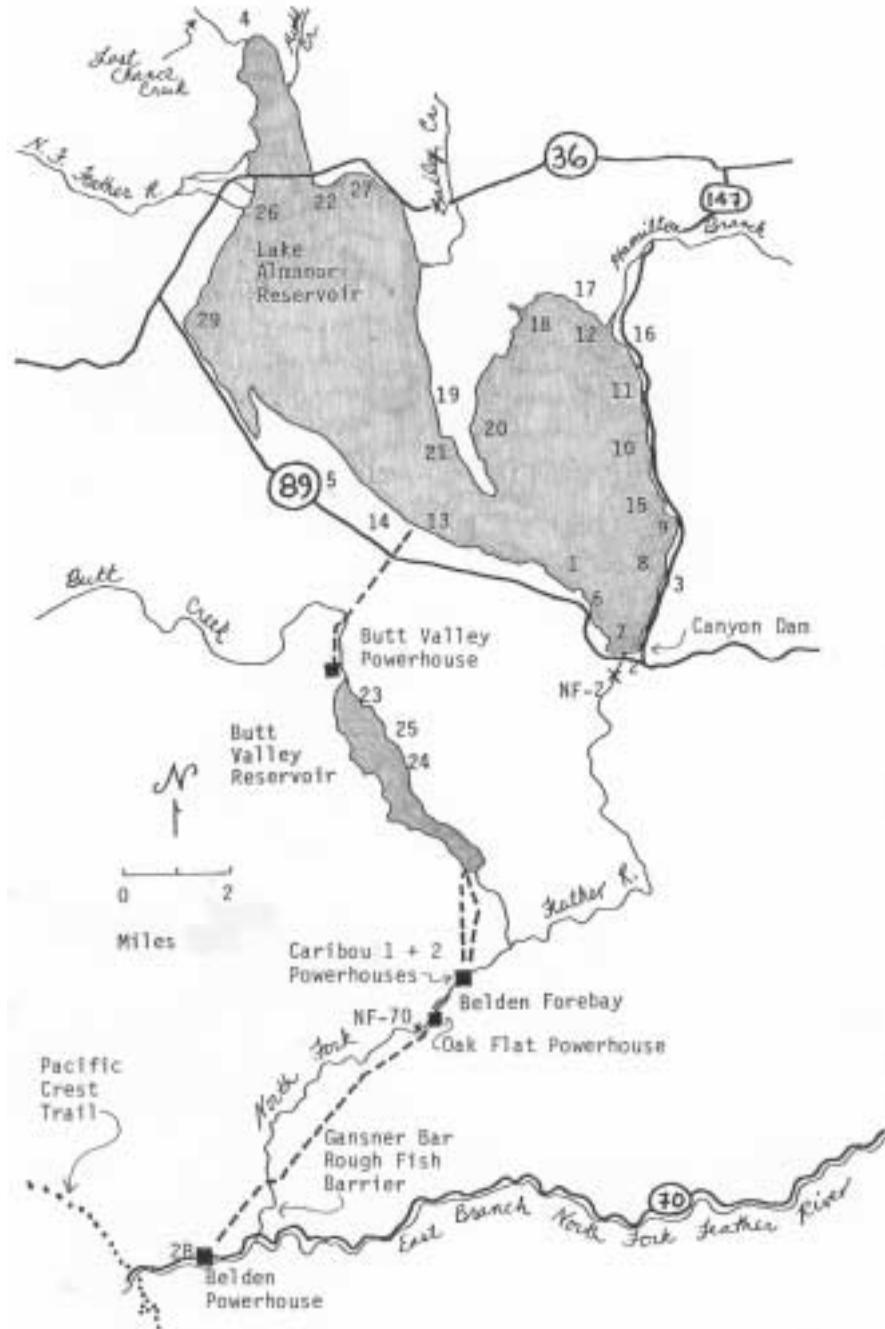
One exhibit and 34 photographs

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bcc: SFRO P-2105 EI Report File, Lattin, Pajackowski, Mudre

### Exhibit 1

#### Project Area and Features North Fork Feather River Project, FERC Project No. 2105



**KEY on next page**

**Source:** Plumas National Forest Map, Forest Service, 1992, adapted using P-2105 project exhibits and field notes from June 10 to 13, 2003, Environmental Inspection.

**KEY**

- 1** Rocky Point Campground
- 2** Camp Connery Group Camp  
PSEA Camp Sun Ray
- 3** Almanor Scenic Overlook
- 4** Last Chance Family and Group Campground
- 5** Almanor Campground and Boat Ramp
- 6** Canyon Dam Boat Ramp
- 7** Canyon Dam Picnic Area
- 8** Eastshore Picnic Area
- 9** Possible future Eastshore Campground area
- 10** Beach access areas  
Miller's Resort
- 11** Beach access areas  
Dorado Inn
- 12** Hamilton Branch Fishing Access
- 13** PSEA Camp Almanor  
Prattville Intake
- 14** Plumas Pines Resort
- 15** Lake Cove Resort and Marina  
Galena Pines Resort
- 16** Lake Haven Resort and Marina  
Vagabond Trailer Court  
Lassen View Lodge and Marina
- 17** Lake Almanor Resort and Marina
- 18** Big Cove Arm  
Almanor Lakeside Resort and Marina  
Peninsula Village Condominiums  
Almanor Lakefront Village  
Novatny's  
Villager Resort  
High Sierra Campground  
Moonspinner's Cove Resort  
Country Club Resorts  
Knotty Pine Resort  
Little Norway Resort and Marina  
Big Cove Resort and Marina
- 19** Lake Almanor Country Club
- 20** Lake Almanor Country Club Recreation Area 1
- 21** Lake Almanor Country Club Recreation Area 2
- 22** Northshore Campground
- 23** Ponderosa Flat Campground
- 24** Cool Springs Campground
- 25** Alder Creek Picnic Area and boat launching ramp
- 26** Chester PUD treatment plant and ponds  
Vision Lake Homes subdivision construction site
- 27** Catfish Beach possible future recreation access area
- 28** Belden Rest Area and Eby Stamp Mill
- 29** Super Ditch possible future recreation access area



Photo 1. Control weir on North Fork Feather River below Almanor Reservoir at Gage No. NF-2.



Photo 2. Gaging Station No. NF-70 on North Fork Feather River below Belden Forebay.



Photo 3. Gansner Bar Dam with warning sign partially obstructed by berry bushes (the licensee removed the vegetation for a clear line of sight after the inspection).



Photo 4. Benner Creek area revegetation below Butt Valley Dam.



Photo 5. Benner Creek at head of restoration area.



Photo 6. Well at abandoned faucet in Canyon Dam picnic area was filled in after the inspection to assure public safety.



Photo 7. Typical low-visibility partially sunken log booms at Lake Almanor Reservoir.



Photo 8. Sudden water fluctuation warning signs at Caribou Powerhouse with large before and after photos.



Photo 9. Lip and gravel at end of new accessible ramp at the Canyon Dam picnic area.



Photo 10. Child play structure at Northshore Campground had loose connections, sharp edges, and exposed bolts. It was removed after the inspection.





Photo 11. Abandoned trash can anchors represented a tripping hazard.



Photo 12. Access road to Alder Creek boat ramp showing transmission line clearance warning sign (brown sign in distance) located after the transmission line crossing (visible at upper left of photo).



Photo 13. Warning sign shown in Photo 12.



Photo 14. Power line crossing at Plumas Pines boat ramp.



Photo 15. Transmission line crossing at Hamilton Branch Arm of Lake Almanor Reservoir is reported to meet NESC clearance requirements.



Photo 16. Wetland pond at Chester PUD treatment plant.



Photo 17. Outfall from wetland pond to drainage ditch that discharges to Lake Almanor Reservoir.



Photo 18. Debris at Plumas Pines Resort was removed after the inspection.



Photo 19. Sediment on the Alder Creek boat launching ramp was removed after the inspection.



Photo 20. Spalled concrete at the Almanor Campground boat launching ramp.



Photo 21. Deteriorated Klamath stoves will be replaced by the next recreation season.



Photo 22. Congested Big Cove Arm of Lake Almanor Reservoir as seen from the newly installed 20 slips of the Almanor Lakefront Village.



Photo 23. Vision Lake Homes subdivision under construction as of the inspection.



Photo 24. Prattville Intake in Lake Almanor Reservoir. Note public exclusion safety fencing.



Photo 25. Typical site at Almanor Campground.



Photo 26. Rocky Point Campground overflow area.





Photo 27. Kitchen facilities at Camp Connery Group Camp.



Photo 28. Possible future expansion area at Camp Connery Group Camp.



Photo 29. Almanor Group Campground.



Photo 30. Pacific Service Employees Association Camp Almanor.



Photo 31. Pacific Service Employees Association Camp Sun Ray.



Photo 32. Typical dispersed use area with informal roads along the southwest shore of Lake Almanor Reservoir under consideration as recreation access area during relicensing.



Photo 33. Possible shoreline access area near the super ditch (flood control feature at Chester, California) where it discharges to Lake Almanor Reservoir.



Photo 34. Possible future recreation site at Catfish Beach on Lake Almanor Reservoir.