

February 25, 2004

Ms. Magalie R. Salas, Secretary  
Federal Energy Regulatory Commission  
Mail Code: ES-1  
888 First Street, N.E., Room 11G-1  
Washington, DC 20426

Subject: Notice of Intent to File an Application for New License for  
Big Creek Nos. 1 and 2 Hydroelectric Project (FERC Project No. 2175)

Dear Ms. Salas:

This will serve as Southern California Edison Company's (SCE) notice, pursuant to Federal Power Act Section 15(b)(1) and the Federal Energy Regulatory Commission (Commission) regulations at 18 C.F.R. §16.6, of SCE's unequivocal intent to file an application for a new power license for Big Creek Nos. 1 and 2 Hydroelectric Project (FERC Project No. 2175).

The Big Creek Nos. 1 and 2 Project is being licensed pursuant to the Commission's regulations at 18 C.F.R Part 16, Subpart B. Additionally, on March 15, 2000, the Commission approved the SCE request to license this project, along with 3 additional hydroelectric projects (Big Creek 2A, 8 and Eastwood - FERC Project No. 67; Big Creek No. 3 - FERC Project No. 120; and Mammoth Pool - FERC Project No. 2085), using the alternative licensing procedures set forth in 18 C.F.R. §4.34(i). An original and fourteen copies of this notice and enclosure are provided. The enclosure provides the detailed information required by 18 C.F.R. §16.6(b).

If you have any questions or need additional information, please contact Mr. Geoff Rabone at (909) 394-8721.

Sincerely,



Enclosure

cc: Mark Robinson, FERC Washington D.C.  
James Fargo, FERC Washington D.C.  
Takeshi Yamashita, FERC San Francisco

Enclosure  
Southern California Edison  
Notice of Intent to Relicense  
Big Creek Nos. 1 and 2 Project – FERC Project No. 2175

Licensee's Name and Address: Southern California Edison Company  
Attention: Nino J. Mascolo  
Senior Attorney  
2244 Walnut Grove Avenue  
Rosemead, California 91770

Southern California Edison Company  
Attention: Russ Krieger  
Vice President, Power Production  
300 North Lone Hill Ave.  
San Dimas, California 91773

Project Number: FERC Project No. 2175

License Expiration Date: February 28, 2009

Principal Project Works: The project consists of Huntington Lake with a capacity of 89,166 acre-feet, Dam 4 Forebay with a capacity of 60 acre-feet, five dams and outlet works (Dams 1, 2, 3, and 3a forming Huntington Lake and Dam 4 at the tailrace of Powerhouse No. 1), Powerhouse No. 1 equipped with four turbine/generation units having a combined capacity of 88.35 megawatts (MW), Powerhouse 2 equipped with four turbine/generator units with a combined capacity of 66.5 MW, water conveyance systems for both powerhouses (unlined tunnels, steel piping, penstocks, and valving), Balsam Creek diversion and piping, Ely Creek Diversion and piping, and Adit 8 Creek Diversion and piping.

Water for the project is diverted from Huntington Lake to Powerhouse No. 1 and from the tailrace of Powerhouse No. 1 (Dam 4), Big Creek, Pitman Creek, Balsam Creek, and Ely Creek to Powerhouse No. 2.

Type of Application: Application For New Power License

Location of the Project: Project No. 2175 is located in Fresno County, California, and within the Sierra National Forest. The project is situated along Big Creek, a tributary to the San Joaquin River. The nearest communities are Big Creek, adjacent to the project; Shaver Lake, approximately 8 miles southwest of the project; the town of North Fork, approximately 15 miles west of the project; and the City of Fresno approximately 30 miles southwest of the project. Powerhouse No. 1 is located in Section 28, T.8.S., R.25.E. Powerhouse No. 2 is located in Section 24, T.8 S., R.24 E.

Installed Plant Capacity: Big Creek Powerhouse No. 1 and Powerhouse No. 2 have an Exhibit M Generator Capacity of 154.85 MW.

Location of Information Available to the Public: Northern Hydro Regional Office  
54205 Mountain Poplar Road  
Big Creek, CA 93605  
(559) 893-3611

Mailing address:  
Northern Hydro Regional Office  
P.O. Box 100  
Big Creek, CA 93605

The following Distribution Lists were used to develop a comprehensive list for this Notice of Intent. These include:

- Entities required by 18 CFR Section 16.6(b)(10);
- FERC Service List for Project No. 67 (Big Creek Nos. 2A, 8, and Eastwood);
- FERC Service List for Project No. 120 (Big Creek No. 3);
- FERC Service List for Project No. 2175 (Big Creek Nos. 1 and 2); and
- Individuals and entities participating in the Big Creek Collaborative Tier 1.