

Study 3.12

NEW COLGATE POWERHOUSE RAMPING¹

October 2011

- 1.0 Project Nexus**
- 2.0 Resource Management Goals of Agencies with
Jurisdiction Over the Resource to be Studied**
- 3.0 Study Goals and Objectives**
- 4.0 Existing Information and Need for Additional
Information**
- 5.0 Study Methods and Analysis**
- 6.0 Study-Specific Consultation**
- 7.0 Schedule**
- 8.0 Consistency of Methodology with Generally Accepted
Scientific Practices**
- 9.0 Level of Effort and Cost**
- 10.0 List of Attachments**
- 11.0 References Cited**

¹ YCWA's August 2011 Revised Study Plan did not include a study related to New Colgate Powerhouse ramping. FERC's September 30, 2011 Study Determination stated: "we are recommending that YCWA develop a ramping study for the reach between New Colgate powerhouse and the normal elevation of Englebright reservoir (study FERC-1). The study should analyze the impacts of peaking operations on changes in flow, depth, velocity, wetted perimeter, and areas of inundation using time steps typical of peaking operations. The study should be developed after consultation with, NMFS, Cal Fish and Game, the Water Board, and FWS and filed for Commission approval." That study is presented here.