

I - INTRODUCTION

1-01 Authorization. This Water Control Manual for Fullerton Dam was prepared in accordance with regulations and guidelines set forth in the following directives: Engineering Regulation (ER) 1110-2-240, "Engineering and Design, Water Control Management", dated 8 October 1982; Engineering Technical Letter (ETL) 1110-2-251, "Engineering and Design, Preparation of Water Control Manuals", dated 14 March 1980; and Engineering Manual (EM) 1110-2-3600, "Engineering and Design, Management of Water Control Systems", dated 30 September 1987. The chain of correspondence leading to approval of this manual is included as Exhibit D.

1-02 Purpose and Scope. This manual provides current information on Fullerton Dam and the drainage area in which it is located. A revised reservoir regulation schedule is presented as well as information concerning the organizational structure of the regulating agency, the U.S. Army Corps of Engineers.

Because they do not apply to Fullerton Dam, this manual does not address the issues of water supply, hydroelectric power generation or navigation. Water supply was originally indicated as one of the purposes for building Fullerton Dam, but no facilities exist to utilize the short-term impoundment of storm flows. Dam characteristics preclude any application of hydroelectric power generation or navigation.

1-03 Related Manuals and Reports. Manuals and reports relevant to Fullerton Dam and its contributing watershed are listed on plate 1-01.

1-04 Responsibility for Project. Fullerton Dam is owned and operated by the U.S. Army Corps of Engineers, Los Angeles District (LAD). This agency is solely responsible for development and initiation of water control scheduling and required maintenance at the dam. The flood control basin behind Fullerton Dam contains Craig Regional Park. The land is owned by the Federal Government but the park is leased and operated by Orange County Parks and Recreation Department.

During storm events, the operation of Fullerton Dam is coordinated with the Orange County Environmental Management Agency (OCEMA) which maintains the improved sections of the downstream channel on Fullerton Creek.

1-05 Project Operation. Fullerton Dam is staffed by one dam tender on a year-round basis. During normal working hours he works in and around the dam. He lives in a mobile home just downstream of the dam, and has easy access to the dam during storm events. In case the dam tender is unavailable, there is an alternate dam tender assigned to the dam. All dam tenders are under the supervision of the Operations Branch, LAD, but receive their reservoir regulation instructions from the Reservoir Regulation Section, LAD. Fullerton Dam's telephone number is 714-529-2532.