

EXHIBIT D

Chain of Correspondence For Approval of Water Control Manual

GESPD-ED-W (CESPL-ED-HR/29 Jan 90) (1110-2-240b) 1st End Krhoun/dh  
705-1433  
SUBJECT: Brea Dam Water Control Manual

DA, South Pacific Division, Corps of Engineers, 630 Sansome Street, Room  
720, San Francisco, Calif 94111-2206 25 APR 1990

FOR Commander, Los Angeles District, ATTN: CESPL-ED-HR

1. Subject manual is approved subject to the following paragraph.
2. On Chart A-2, Project Operator Instructions, subparagraph 2bi, modify instructions to follow the backup plan as the project does not have a backup plan. Suggest the project operator operate the dam according to observed precipitation and reservoir water surface elevation utilizing Chart A-1. This would be consistent with paragraph 3.05 on page A3-2.
3. Please furnish this office four copies of the final printing of the manual.

FOR THE COMMANDER:

wd all encls

  
JAY K. SOPER  
Director of Engineering



DEPARTMENT OF THE ARMY  
LOS ANGELES DISTRICT, CORPS OF ENGINEERS  
P.O. BOX 2711  
LOS ANGELES, CALIFORNIA 90053-2711

REPLY TO  
ATTENTION OF

29 January 1990

CESPL-ED-HR (1110-2-240b)

MEMORANDUM FOR Commander, South Pacific Division, Attn: CESPD-ED-W (Krhoun)

SUBJECT: Brea Dam Water Control Manual

1. Stated herein are your comments received informally and our responses as discussed between our offices by telephone:

a. "Page 5-02, Paragraph 5-04- The District should reevaluate the need for maintaining as many hard copies of the hydrologic and hydraulic data indicated in this paragraph. It appears much of this data is also stored in the water control data system which would appear to be the preferred approach. This comment would refer to recording hydrologic data for other District projects as well."

We have reevaluated this comment according to EM 1110-2-3600 (Management of Water Control Systems), Chapter 5, Section 5-2e. We feel that, for the present, retention and maintenance of hard copies of hydrologic and hydraulic data is necessary, if the computer system were to crash and data were lost.

b. "Page 6-1, paragraph 6-01a- Delete the second paragraph as it describes future operations for the project. The manual should only contain information on procedures currently in place. In the third paragraph specifically indicate that the forecasts are used only for operating the project and are not distributed to other agencies since weather forecasting is the function of the NWS. Delete the last sentence of the third paragraph as this shows future operation procedures."

Concur. The sections cited for deletion have been deleted. The requested statement, regarding limitations on the use of weather forecasts, has been inserted.

c. "Page 7-02, Paragraph 7-05 b&c- Delete descriptions to original and previous water control plans. This manual should be restricted to only describing the current water control plan."

Concur. These descriptions have been deleted and incorporated into Chapter 3 (History of Project).

d. "Page 7-03, Paragraph 7-05d- The current water control plan presented in the manual contains a primary plan and an alternative plan, should real-time precipitation not be available. In the primary plan the dam releases are based on precipitation and reservoir levels while in the alternative plan the releases are only based on reservoir levels. Since there are two rain gauges at the control house the dam tender could manually read the precipitation at half hour

e. "Page 7-6, Table 7-01- Delete comparisons to the previous operating plan. Any information comparing the plan in the manual with the previous plan should also be deleted." Table 7-01 has been deleted.

f. "Page 8-2, Paragraph 8-02b- delete the last paragraph in this section (see comment 5)." The last paragraph has been deleted.

g. "Page 8-7, paragraph 8-02e- Delete this paragraph in its entirety (See comment 5)." The sections of this paragraph that dealt with comparison of the current and previous operating plan have been deleted.

3. Three copies of the Water Control Manual, as revised are enclosed for your review.

4. If you have any questions, please contact Robert Stuart of the Reservoir Regulation Section at (213) 894-3001 (FTS 798-3001).

ROBERT E. KOPLIN, PE  
Acting Chief, Engineering Division

CESPD-ED-W (CESPL-ED-HR/20 Oct 89) (1110-2-240b) 1st End  
Krhoun/6-2033  
SUBJECT: Brea Dam Water Control Manual

DA, South Pacific Division, Corps of Engineers, 630 Sansome  
Street, Room 720, San Francisco CA 94111-2206 0 8 JAN 1990

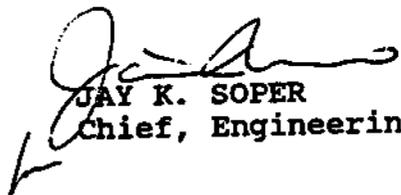
FOR Commander, Los Angeles District, ATTN: CESPL-ED-HR

1. Subject final draft manual has been reviewed and comments are enclosed. These comments are furnished to assist the District in finalizing the manual. Approval will be given after review by this office of the final manual.

2. District is requested to furnish its compliance with the comments along with the submission of the final manual.

FOR THE COMMANDER:

2 Encl  
wd encl 1  
Added 1 encl  
2. Comments

  
JAY K. SOPER  
Chief, Engineering Division

SOUTH PACIFIC DIVISION  
COMMENTS ON  
DRAFT WATER CONTROL MANUAL  
FOR  
BREA DAM

1. Page 5-02, Paragraph 5-04- The District should reevaluate the need for maintaining as many hard copies of the hydrologic and hydraulic data indicated in this paragraph. It appears much of this data is also stored in the water control data system which would appear to be the preferred approach. This comment would refer to recording hydrologic data for other District projects as well.
2. Page 6-1, paragraph 6-01a- Delete the second paragraph as it describes future operations for the project. The manual should only contain information on procedures currently in place. In the third paragraph specifically indicate that the forecasts are used only for operating the project and are not distributed to other agencies since weather forecasting is the function of the NWS. Delete the last sentence of the third paragraph as this shows future operation procedures.
3. Page 7-02, Paragraph 7-05 b&c- Delete descriptions to the original and previous water control plans. This manual should be restricted to only describing the current water control plan.
4. Page 7-03, Paragraph 7-05d- The current water control plan presented in the manual contains a primary plan and an alternative plan should real-time precipitation not be available. In the primary plan the dam releases are based on precipitation and reservoir levels while in the alternative plan the releases are only based on reservoir levels. Since there are two rain gauges at the control house the dam tender could manually read the precipitation at half hour intervals. This would preclude the need for the alternative plan. If this is not appropriate suggest the alternative plan be one of the release schedules shown in the primary plan. The release schedule in the alternative plan only differs slightly from several in the primary plan.
5. Page 7-6, Table 7-01- Delete comparisons to the previous operating plan. Any information comparing the plan in the manual with the previous plan should also be deleted.
6. Page 8-2, Paragraph 8-02b- Delete the last paragraph in this section (see comment 5).
7. Page 8-7, Paragraph 8-02e- Delete this paragraph in its entirety (see comment 5).

8. Suggest a statement be added in the Introduction Section referencing the current Environmental Documentation. For Brea Dam this would be the October 1988 EA and FONSI.



DEPARTMENT OF THE ARMY  
LOS ANGELES DISTRICT CORPS OF ENGINEERS

October 20, 1989

REPLY TO  
ATTENTION OF

CESPL-ED-HR (1110-2-240B)

MEMORANDUM FOR Commander, South Pacific Division, Attn: CESPL-ED-W

SUBJECT: Brea Dam Water Control Manual

1. Enclosed are three copies of the Brea Dam Water Control Manual prepared in accordance with ETL 1110-2-251.
2. Also enclosed are three copies of the October 1988 Finding of No Significant (FONSI) and Environmental Assessment package for your review.
3. If there are any questions, please contact Robert Stuart of the Reservoir Regulation Unit at (213) 894-3001.

FOR THE COMMANDER:

  
ROBERT E. KOPLIN, PE  
Acting Chief, Engineering Division

Enclosure