

A0007084

# DISPOSITION FORM

For use of this form, see AR 340-15; the proponent agency is TAGO.

REFERENCE OR OFFICE SYMBOL LMNED-SP	SUBJECT Lake Pontchartrain, LA & Vicinity High Level Plan 17th Street Outfall Canal - Parallel Protection Plan and Butterfly Valve Plan
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TO C/Des Br	FROM C/Des Svcs Br	DATE 1 Oct 86 Mr. <del>Stutts</del> 10/26/86	CMT 1
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- Reference is made to the 29 Sep 86 conversation held between Mr. Romero of your office and Messrs. Elmer and Stutts of Design Services Branch concerning the subject plans and our commitment to the Sewerage and Water Board of New Orleans (SWB) to identify the recommended Federal Plan by the end of Nov 86. This commitment was made in our letter dated June 18, 1986 (copy enclosed).
- As discussed with Mr. Romero, the parallel protection plan recommended by the SWB with a few minor exceptions was furnished to this office by letter dated 29 Jul 86. A copy of same was handcarried to H&H Branch, F&M Branch and your office on 31 July 86 with a follow-up DF dated 1 Aug 86. The areas where deficiencies exist have been identified and discussed with SWB and Modjeski and Masters Engineering firm in a meeting held on 29 Sep 86. Submittal of designs for the deficient areas is expected within the next 10 days. Therefore, we have been directed by Mr. Chatry to make every effort to meet the Nov commitment. It is recognized that the butterfly valve plan for the 17th Street Canal has not been developed beyond survey scope at this time. Therefore, your estimate for this plan should reflect contingencies appropriate for survey scope estimates.
- If it appears at this time that the amount of work necessary to meet the November commitment to the SWB is excessive for the amount of time available, then please let me know so that I can inform Mr. Chatry and appropriate adjustment can be made.

*Thomas E. Harrington*  
 THOMAS E. HARRINGTON, JR.  
 Chief, Engineering Division

Encl

JUDLIN	MARSALONE	CINDY	DD	DE	DG	DL	DR	DW						SUSPENSE	RELEASE	FILE	DESTROY

LAKED-SP

Lake Pontchartrain, LA & Vicinity High Level Plan 17th  
Street Outfall Canal - Parallel Protection Plan and  
Butterfly Valve Plan

C/Des Br

C/Des Svcs Br

1 Oct 86

Mr. Stutts/ds/2614

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3. If it appears at this time that the amount of work necessary to meet the November commitment to the SWB is excessive for the amount of time available, then please let us know so that I can inform Mr. Chatry and appropriate adjustment can be made.

Encl

THOMAS E. HARRINGTON, JR.  
Chief, Engineering Division



DEPARTMENT OF THE ARMY

NEW ORLEANS DISTRICT, CORPS OF ENGINEERS

P.O. BOX 90267

NEW ORLEANS, LOUISIANA 70180-0267

REPLY TO  
ATTENTION OF

June 18, 1986

Engineering Division  
Projects Engineering Section

Mr. Harold J. Gorman  
Executive Director  
Sewerage & Water Board of New Orleans  
Room 5W02, City Hall - Civic Center  
New Orleans, Louisiana 70165

Dear Mr. Gorman:

Reference is made to your May 21, 1986 letter and the May 14, 1986 Resolution concerning our General Design Memorandum (GDM) on the 17th Street Canal, one part of the Lake Pontchartrain Hurricane Protection Project (High Level Plan).

The current schedule for this project requires that we submit to our Division Office the completed GDM in November 1987. Our GDM will address two alternative plans, a gated structural plan at the lakefront, and a parallel levee plan along the canal, to provide protection against the design hurricane.

We have been coordinating with Modjeski and Masters who has been under contract with both the Levee Board and the Sewerage & Water Board of New Orleans on the 17th Street Canal Project. Based on a preliminary review of their data, the parallel levee plan, designed and constructed to High Level Plan standards, would be cost competitive with the frontline plan. There are, however, two aspects of the Modjeski and Masters plan which remain to be resolved.

The first of these relates to the treatment of the several bridges crossing the 17th St. Canal. Modjeski and Masters proposes flood proofing at the bridges, but does not provide data sufficient for a determination of the adequacy of this approach. We commented to this effect in our letter to the Orleans Levee District dated September 30, 1985. To date there has been no response.


*Encl.*

The second problem relates to the need for measures to insure the stability of Pumping Station No. 6 for the differential heads which could obtain with the high level plan. We feel that, in the absence of additional supporting data to the contrary, such measures are required as part of the parallel levees plan. We commented to this effect in the letter referred to above. Again, there has been no response.

We are proceeding with our GDM on the schedule provided to the Orleans Levee District in our September 30, 1985 letter and we discussed that schedule with, inter alia, Messrs. Sullivan and Bodet of your staff at a meeting on April 18, 1986. We appreciate the importance to you of an early determination of the plan to be adopted for providing hurricane protection along the 17th St. Canal. We are reluctant, however, to make such a determination without the full benefit of your views, and those of the Orleans and East Jefferson Levee Districts. At the outset, we indicated that we would favor the parallel levees plan if it could be demonstrated that that plan could be constructed at a cost comparable to that for the frontline plan. The studies undertaken by Modjeski and Masters were, as we understand it, partly for the purpose of insuring that the costs for the parallel levees plan not be overstated. Thus, we see the completion of those studies as the key to advancing the time when reasonable assurance of what the Federal plan will be, can be given.

If firm data on the two problem areas referred to previously are forthcoming by 1 August of this year, we believe that we will be able to offer reasonable assurance as to what the selected Federal plan will be by November 1986. While this determination will have to be confirmed through completion and review of the GDM, it should nevertheless provide a basis on which you can proceed with reasonable confidence that confirmation will, in fact, be forthcoming; and it will also provide a basis for reviewing the GDM schedule to determine whether its acceleration is practicable.

Sincerely,



Frederic M. Chatry  
Chief, Engineering Division

Copies Furnished:

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