

DISPOSITION FORM

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M. Bayley 33

REFERENCE OR OFFICE SYMBOL

LMVPD-P

SUBJECT

Lake Pontchartrain, La., and Vicinity, Project

M. Campbell

~~NO~~ MEMORANDUM FOR RECORD

FROM Arnold V. Robbins

DATE 22 Aug 78 CMT 1

Robbins/ea/383

1. On 15 August 1978, I attended a meeting relative to WES model studies for the subject project. The meeting was held at the Concrete Laboratory at WES. Inclosure 1 is the agenda and background material for the meeting, Inclosure 2 is the schedule for the model studies, Inclosure 3 shows the location of field stations for collecting prototype data for the model studies, Inclosure 4 shows the layout for the undistorted physical models planned for the Seabrook and Chef Menteur structures, and Inclosure 5 is a list of potential consultants for the WES studies.

2. Dr. R. W. Whalin, WES, summarized plans for the model studies and reported that work on the physical models is proceeding ahead of schedule, with construction expected to be initiated in September 1978. Overall completion of the WES studies and reports is scheduled for March 1980, which is different from the September 1979 completion date indicated in the schedule submitted by NOD on 14 April 1978 and approved by LMVD on 24 April 1978. I have discussed this difference with Mr. Bob Guizerix, LMNED, and Mr. William Shell, LMNPD, and have been advised that the present schedule for the WES studies is compatible with the overall study schedule.

3. Mr. D. Robey reviewed the WES recommendation that an intense water-quality modeling study of Lake Pontchartrain not be initiated at the present time. The problem in making such study now is that the exact nature and extent of additional water-quality data needed for project evaluation depends upon project-induced changes in lake circulation, but such changes cannot be determined without the results of the planned hydrodynamic studies. WES indicates that significant changes in lake circulation are unlikely, and if this tentative indication is later determined to be correct, additional data collected at the time will not be necessary for project evaluation. In view of this uncertainty about additional data requirements, the District response to the WES letter of 7 July 1978 will probably include recommendations for some amount of water-quality modeling in the proximity of the project structures.

It was agreed that Prof. R. O. Reid, Texas A&M; Prof. D. W. Pritchard, Johns Hopkins; Prof. Eugene Cronin, University of Maryland; Dr. B. LeMehaute, University of Miami; and Mr. Duncan Ross, National Weather Service, would be contacted to determine their availability to serve as consultants on the WES studies.

Arnold V. Robbins
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