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DEC 22 1993

MEMORANDUM FOR Commander, Lower Mississippi Valley Division,  
ATTN: CELMV-CO-0

SUBJECT: Project Operations - Inspection of Completed Works

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COLLETTI  
OD-R

1. In accordance with ER 1150-2-301, ER 1130-2-339, and DIVR 1130-2-304, a negative report is submitted herewith for unsatisfactory maintenance by local interests for all features originally authorized under the Mississippi River and Tributaries Project and under Construction General.

*as*  
GUILLOT  
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2. Included also are inspection reports for New Orleans District projects.

*pm*  
TISDALE  
OD

3 Encls (trip)

1. Rept. Completed  
Eng Form 4390-R
2. Rept, MR&T Levees
3. Rept, Small Flood  
Control Projects

*JV Hall*  
JAMES V. HALL  
LTC, EN  
Acting Commander

*GA*  
EXEC OFC

1993 Annual Inspection for Maintenance of Completed MR&T Flood  
Control Works in the New Orleans District

1. The 1993 inspections of FCMR&T levees, floodwalls, and drainage structures operated and maintained by local interests were conducted during the period September 15 through November 19, 1993.
2. All inspections were conducted by the District Commander and/or his Deputy, appropriate members of Operations and Readiness Division, Engineering Division, Construction Division, Programs and Project Management, Real Estate Division, the Louisiana Department of Transportation and Development (LA DOTD), and Levee Board Commissioners and their staff.
3. Comments on the condition of levees, of maintenance performed by local interests during the year, and our ratings are as follows:

a. RED RIVER, ATCHAFALAYA and BAYOU BOEUF LEVEE DISTRICT

The levee system within LMN consists of the Mansura Hills to Hamburg levee (20.3 miles), Bayou des Glaisses fuse plug levee (8.1 miles), Atchafalaya River levee - right descending bank (43.0 miles), and a portion of the west Atchafalaya Basin protection levee (34 miles).

During our inspection conducted on September 15, 1993, there were several minor maintenance deficiencies noted. The levee district was advised of these deficiencies by letter and told that we would reinspect the levees to see if the deficiencies had been corrected. The levees were reinspected on November 2, 1993, and the deficiencies had been corrected. An OUTSTANDING rating is assigned.

b. FIFTH LOUISIANA LEVEE DISTRICT

The levee system within LMN consists only of the right descending Mississippi River levee (16.8 miles) between Black Hawk, LA. and the Old River lock. They are also responsible for 338 miles of levees in LMK.

The inspection was conducted on September 16, 1993. The levee was well maintained and the crown was in excellent condition. An OUTSTANDING rating is assigned.

c. ATCHAFALAYA BASIN LEVEE DISTRICT

The levee system consists of the following reaches of river and floodway levees:

Levee along the south and west banks of lower Old River and the right descending Mississippi River levees from Barbre Landing in Pointe Coupee Parish to Bayou Lafourche at Donaldsonville, Ascension Parish (length is 119 miles, including 1.2 miles of spur dikes and the 3,906-foot length of the Morganza control structure) the upper Morganza floodway levee (length is 12.0 miles including 3.0 miles which is a part of the mainline levee at Morganza control structure); the lower Morganza floodway levee and the east Atchafalaya Basin protection levee extending from the west Mississippi River levee at Morganza, along the east side of the Atchafalaya Basin to a point approximately 6 miles south of Morgan City, in St. Mary Parish (length is 92.6 miles, of which 5.8 miles is maintained by the City of Morgan City and St. Mary Parish); the west Atchafalaya Basin protection levee from Bayou Courtableau in St. Landry Parish along the west side of the Atchafalaya Basin to the Gulf Intracoastal Waterway below Berwick, in St. Mary Parish (length is 92.6 miles, of which 4.9 miles below the lower Atchafalaya River is maintained by the Town of Berwick and St. Mary Parish); the left descending Atchafalaya River levee from Barbre Landing in Pointe Coupee Parish to a point about 1.5 miles above the head of Whiskey Bay Pilot Channel in St. Martin Parish (length is 51.1 miles); the right descending Atchafalaya River levee from Bayou Courtableau in St. Landry Parish to a point below Butte Larose settlement in St. Martin Parish (length is 18.0 miles); total length of levees in the district is 387.0 miles.

The levee inspection was conducted on September 28 and 29, 1993. The levees and floodwalls were very well maintained. An OUTSTANDING rating is assigned.

d. MORGAN CITY

The protection system north of the Southern Pacific Railroad is known as "Morgan City Front", consists of 213 feet of earthen levee, 1.3 miles of concrete floodwall, a pumping station and 1600 feet of storm drainage facilities; south of the railroad is known as "Tiger Island", consists of 1.6 miles of levee 2,000 feet of concrete floodwall, a pumping station, and 2,500 feet of storm drainage facilities.

The inspection was conducted on September 29, 1993. There were no significant maintenance deficiencies noted. A SATISFACTORY rating is assigned.

e. TOWN OF BERWICK

The protection system consists of 1.6 miles of levee, 0.9 mile of concrete floodwall, and a gated drainage structure to provide protection for a 32-inch storm sewer passing through the floodwall.

The inspection was conducted on September 29, 1993. Portions of the levee system were under construction to be enlarged at the time of the inspection; those sections were not included in the inspection. There were no significant maintenance deficiencies noted. A SATISFACTORY rating is assigned.

f. ST. MARY PARISH

The protection system consists of 63 miles of levee, 11 drainage pumping stations, drainage structures, and numerous culverts.

The inspection was conducted on September 30, 1993. There were several levee contracts to be awarded in FY 93 & 94; however, these contracts may be delayed until FY 95 because of the new requirements to conduct Hazardous, Toxic, and Radioactive Waste (HTRW) assessments for borrow pit sites. There were no significant maintenance deficiencies noted. A SATISFACTORY rating is assigned.

g. WEST JEFFERSON LEVEE DISTRICT

This district is responsible for maintaining 20.2 miles of levee on the west bank of the Mississippi River and 40 miles of back levees, which are being upgraded under the West Bank Hurricane Protection Project, in Jefferson Parish.

The mainline river levee was inspected on October 5, 1993. The hurricane protection levees will not be inspected until construction is completed. The river levee and floodwall segments were in excellent condition. There is one levee enlargement contract in the Gretna area (Phase 2B) that is still under construction. Another levee enlargement contract is scheduled to be awarded in October 1993 for the Avondale area. An OUTSTANDING rating is assigned.

h. ORLEANS LEVEE DISTRICT

This district is responsible for maintaining 125.9 miles of levees and floodwalls in Orleans Parish; 13.3 miles on the east bank of the Mississippi River and 13.9 miles on the west bank, and 98.7 miles along the shore of Lake Pontchartrain and canals connected thereto. The district also controls 22 miles of spillway area in lower Plaquemines Parish on the east bank of the Mississippi River from Bohemia Plantation to Ostrica; 8.3 miles of this reach is still protected by a levee.

The mainline river levees and floodwalls were inspected on October 7, 1993, and the hurricane protection levees were inspected in May 1993. Presently, the Holy Cross levee enlargement project is the only contract that is ongoing in the levee district. This work is located on the east bank and it includes approximately 1.6 miles of levee. In May 1994, a levee enlargement contract is scheduled to be awarded for the Naval Reservation located on the west bank. All levees and floodwalls were in excellent condition. An OUTSTANDING rating is assigned.

i. LAFOURCHE BASIN LEVEE DISTRICT

This district is responsible for maintaining 61.3 miles of levee on the west bank of the Mississippi River between Donaldsonville, LA, and the Jefferson-St. Charles Parish line.

The levee was inspected on October 20, 1993, and was found to be in excellent condition. Currently, the Welcome-Moonshine levee enlargement project is the only ongoing construction project within the levee district; however, the Point Houmas and the Oak Alley-Willow Grove levee enlargement projects are scheduled to be awarded in FY 94. An OUTSTANDING rating is assigned.

j. EAST JEFFERSON LEVEE DISTRICT

This district is responsible for maintaining 12 miles of levee on the east bank of the Mississippi River and 17.5 miles of hurricane protection levees and floodwalls along and adjacent to Lake Pontchartrain, within Jefferson Parish.

The river levee, hurricane protection levees and floodwalls were inspected on October 22, 1993. The levees and floodwalls were exceptionally well maintained. An OUTSTANDING rating is assigned.

k. LAKE BORGNE BASIN LEVEE DISTRICT

This district is responsible for maintaining 12 miles of levee on the east bank of the Mississippi River, 43 miles of hurricane protection levee along and adjacent to the MRGO, 5 pumping stations, and 19 internal drainage canals in St. Bernard Parish.

The mainline river levee was inspected on November 5, 1993. The levee and sections of floodwall were well maintained. An OUTSTANDING rating is assigned.

1. GRAND PRAIRIE LEVEE DISTRICT

This district is one of three under the direction of Plaquemines Parish Government and is responsible for maintaining 37.4 miles of levee on the east bank of the Mississippi River between the St. Bernard-Plaquemines Parish line and the Bohemia Spillway, and 33.4 miles of hurricane protection levee behind the mainline river levee.

The levees were inspected on November 5, 1993. All levees were in excellent condition. There are approximately 9 miles of Mississippi River levee currently undergoing a second enlargement. This work is expected to be completed in March 1994. An OUTSTANDING rating is assigned.

m. PONTCHARTRAIN LEVEE DISTRICT

This district is responsible for maintaining 111 miles of levee on the east bank of the Mississippi River from a point just below Baton Rouge to the Jefferson Parish line.

The levee was inspected on November 10, 1993. The levee, cattle guards and fences were well maintained; no significant deficiencies were noted. There was only one ongoing levee enlargement project in this district; however, there are two more scheduled to be awarded in FY 94. An OUTSTANDING rating is assigned.

n. METROPOLITAN COUNCIL OF BATON ROUGE

This Department of Public Works is responsible for maintaining only 2.1 miles of levee on the east bank of the Mississippi River at Baton Rouge.

The levee was inspected on November 10, 1993. At the time of the inspection, approximately 1 mile of the 2.1 miles of levee was under construction to be enlarged. This work is scheduled to be completed in August of 1994. An OUTSTANDING rating is assigned.

o. PLAQUEMINES PARISH WEST BANK LEVEE DISTRICT

This district is another of three levee districts under the direction of the Plaquemines Parish Government and is responsible for maintaining 37 miles of levee on the west bank of the Mississippi River from the Orleans-Plaquemines Parish line to approximate river mile 44.0 AHP at Point Michel.

The inspection was conducted on November 19, 1993, and the levee was well maintained. There were approximately 2 miles of levee under construction and that work is near completion. There are no contracts scheduled to be awarded FY 94. An OUTSTANDING rating is assigned.

p. BURAS LEVEE DISTRICT

This district is also under the direction of the Plaquemines Parish Government and is responsible for maintaining 35 miles of levee on the west bank of the Mississippi River from Point Michel to Venice, LA, and 34.4 miles of hurricane protection levees behind the river levee.

The river levee was inspected on November 19, 1993, and it was considered well maintained. There are presently two ongoing construction projects underway to raise the Mississippi River levee to an acceptable hurricane protection level. An OUTSTANDING rating is assigned.

14 December 1993

## MEMORANDUM FOR C/Operations and Readiness Division

SUBJECT: 1993 Annual Inspection of Small Flood Control Projects,  
New Orleans Area

1. In accordance with requirements of DR 1130-2-3, the inspection report for those projects requiring annual inspections in the New Orleans area is submitted.
2. Flood control projects listed below were inspected on 18 November 1993 by Charles Everhardt and Marcia Demma, and rated satisfactorily.

<u>Project</u>	<u>Remarks</u>
Bayou Vincent, LA	The heavy tree growth along both sides of channel made it difficult to inspect the channel from the air. It appeared that the channel was clear of obstructions. The current channel has adequately passed flood flows. A ground inspection in addition to the aerial inspection will be performed to view those areas of the channel covered by tree growth.
Selser Creek, LA	This project was in good condition. The small channel appeared to be free flowing, with no debris or fallen trees in the channel.
Pontchatoula Creek, LA	This project was in good condition. The channel appeared to be unobstructed and free flowing. No aquatic growth or fallen trees in the channel were visible.
Yellow Water River, LA	This project was in good condition. The channel appeared to be free flowing, with no debris or fallen trees in the channel.
Natalbany River, LA	The project was in satisfactory condition. There did not appear to be any debris or fallen trees in the channel. No sand bars which had been noted in previous years

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were visible. The channel was unobstructed and free flowing. Note that this channel is periodically inspected and sprayed as necessary by the Corps' Aquatic Growth unit.

Tickfaw River, LA

This project was generally in good condition. The upper end of the river is difficult to see because of the heavy tree growth and narrow channel. There didn't appear to be any obstructions and the channel was free flowing. The lower end of the river was also clear and free flowing. Note that this channel is periodically inspected and sprayed as necessary by the Corps' Aquatic Growth unit.

Amite River and  
Tributaries, LA

This project was generally in good condition. The channels were clear and free flowing. There did appear to be some aquatic growth along the banks, but no obstructions were noted that would impede the flow. The navigation channel through the weir appeared to be adequately defined with pilings. There is currently an ongoing study to determine if the existing channel is adequate for flood control purposes. Note that this channel is periodically inspected and sprayed as necessary by the Corps' Aquatic Growth unit.

Choctaw Bayou and  
Chalpe Bayou, LA

This project was in good condition. The project is located in a marshy area with sparsely spaced trees along both banks. The channel was clear, open and free flowing. Note that this channel is periodically inspected and sprayed as necessary by the Corps' Aquatic Growth unit.

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New River, LA

This project was in good condition. The channel was visibly free flowing and open. No obstructions were noted that would impede flow. Note that this channel is periodically inspected and sprayed as necessary by the Corps' Aquatic Growth unit.

Bayou Francois, LA

This project was in good condition. The channel was free flowing and appears to be clear and open. No obstructions were noted that would impede flow. Note that this channel is periodically inspected and sprayed as necessary by the Corps' Aquatic Growth unit.

Bayou L'Eau Bleu, LA

This project was not inspected this year by this Branch. The Lafayette Area Office will inspect this project and report on its condition. Note that this channel is periodically inspected and sprayed as necessary by the Corps' Aquatic Growth unit.

GERARD A. COLLETTI  
Chief, Readiness Branch

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Copy Furnished:

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