PROJECT: Lake Pontchartrain, Louisiana and Vicinity (Hurricane Protection) (Continuing)

LOCATION: The project is located in St. Charles, Jefferson, Orleans, St. Bernard, and St. Tammany Parishes in southeast Louisians in the general vicinity of New Orleans adjacent to Lake Pontchartrain.

AUTHORIZATION: Flood Control Act of 1965 and Water Resources
Development Act of 1974

SUMMARIZED FINANCIAL DATA		Accum. % of Estimated Federal Cost
Ratimated Federal Cost	\$260,000,000	
Estimated Non-Federal Cost	118,000,000 <u>1</u> /	
Cash Contribution \$88,490,000 Other 29,510,000	_	
Total Estimated Project Cost	\$378,000,000	
Allocations to 30 September 1976	74,139,000	
Conference Allowance for FY 1977	12,000,000	
Allocation for FY 1977	10,700,000 2/	
Allocations to Date	84,839,000	33
Appropriation Requested for FY 1978	12,400,000	37
Balance to Complete After FY 1978	162,761,000	

1/ Includes \$9,900,000 capitalized cost of operation and maintenance Reflects \$1,300,000 reduction assigned as Savings and Slippage-

BENEFIT-COST RATIO: 13.5 to 1

PHYSICAL DATA

Levees: Average Height: Length: 80 miles 13 feet

Drainage Structures: 7 Channels: 13.3 miles

Dam Closures: 9

Locks: Seabrook: 84 feet by 800 feet Rigolets: 110 feet by 800 feet

Control Structures:
Chef Menteur: 1,200 feet wide
Rigolets: 1,100 feet wide
Seabrook: 116 feet wide

Floodwalls: 15.5 miles

Floodgates: 3

Pumping Plant: 1

Division: Lower Mississippi Valley

District; New Orleans Region: Lower Mississippi
JAN 17 1977 Lake Pontchartrain, Louisiana and Vicinity (Hurricane Protection)

STATUS: (1 January 1977)

	PERCENT COMPLETE	COMPLETION SCHEDULE		PERCENT COMPLETE	COMPLETION SCHEDULE
Berrier Unit	4	Jul 1992	New Orleans West Unit	5	Indefinite 2/
Locks	0	Mar 1983	Levees and Floodwalls	0	Indefinite 2/
Roads, Railroads and Bridge	es 0	Jul 1992	Mandeville Unit	4	Indefinite 3/
Channels and Canals	19	Mar 1983	Levees and Floodwalls	0	Indefinite 3/
Breakwaters and Seawalls	0	Mar 1982	Chalmette Unit	46	Sep 1989 —
Levees and Floodwalls	0	Jul 1992	Levees and Floodwalls	40	Sep 1989
Flood Control and			Permanent Operating		
Diversion Structures	0 .	Dec 1982	Equipment	100	
Permanent Operating Equipme	ent O	Oct 1982	Entire Project	26	Jul 1992 <u>4</u> /
New Orleans East Unit	47	Sep 1985			
Levees and Floodwalls	52	Sep 1985			
Pumping Plants	0	Indefinite 1/			

JUSTIFICATION: The lowlands in the Lake Pontchartrain fidal basin are subject to tidal overflow. The Greater New Orleans Metropolitan area which lies in this basin will continue its rapid economic development in the future years even though severe damages have resulted from several hurricanes in the recent past. Hurricane damages result from surges entering Lake Pontchartrain from Lake Borgne through natural tidal passes at the Rigolets and Chef Menteur Pass and through improved channels of the Mississippi River-Gulf Outlet and Inner Harbor Navigation Canal. The surges are intensified by local wind effects and the combination of waves and surges causes overtopping of the protective works along the shores of Lake Pontchartrain. The eastern portion of the area is also subject to flooding by surges and waves that move directly from Lake Borgne and overtop the existing inadequate protective system seaward of the developed land areas. As a result, residences and industrial and commercial establishments suffer damage, business activities are disrupted, lives endangered, and hazards to health created. Hurricanes much more severe than any of record are possible. In the event of the occurrence of such a severe hurricane, catastrophic property damage and loss of human life would be experienced. Local interests have requested protection against these threats to life and property. The Lake Pontchartrain hurricane protection project will provide the necessary protection. The Mississippi River-Gulf Outlet via the Inner Harbor Navigation Canal provides a direct tidal route from the Gulf of Mexico to Lake Pontchartrain. Consistent with the rationale that lake levels can be controlled by limiting tidal inflow to the lake, a lock and control structure complex is to be constructed at the junction of the Inner Harbor

pletion schedule indefinite due to construction to be done by local interests. pletion schedule indefinite pending completion of additional detailed environmental studies. Pletion schedule indefinite pending resolution of objections by local interests to construction of this feature. Opt New Orleans West and Mandeville Units.

Navigation Canal and Lake Pontchartrain at Seabrook. The complex will provide the multipurpose of flood control, salinity control, and navigational benefits. The cost of the Seabrook Complex is allocated 50% to the hurricane protection project and 50% to the Mississippi River-Gulf Outlet project.

Hurricane "Camille" occurred in the project area in August 1969 and flooded areas along the Inner Harbor Navigation Canal. In September 1974, if hurricane "Carmen" had continued on its predicted course, extensive flooding would have occurred in the project area. The National Weather Service rated this storm as more dangerous than hurricane "Betsy."

nefits	Amount	Pedenal annu	t Areas (PL 89-136)	
ood Control	\$208,351,000	Parish/County and Stat		
ea Redevelopment	3,304,000	Louisiana	<u>Title</u>	Subsection
	3,304,000	Jefferson		
tal Annual Benefits	\$211,655,000	Orleans	IV	(8)
	\$211,000,000		IV	(7,8)
		St. Bernard	IV	(8)
		St. John the Baptist	IV	(8)
		St. Tammany	IV	(8)
		Tangipahoa	IV	(1)
rrier <u>Unit</u> Initiate: Chef Menteur Barrier, East of		New Orleans East Unit (Cont		
Chef Menteur, 1st Lift Levee	\$2,220,000	Initiate: New Orleans Station 7 Levee	73 to 1006, 2nd Lift	t 20.000
Complete: Chef Menteur Barrier, West of		rese		\$ 20,000
Chef Menteur, 1st Lift Levee	1,680,000	Continue: Citrus Back	Levee, Station 176 loodwall and 2nd Lift	_
Engineering and Design	892,100	Levee	TODOWALL WING SHO DIL	
Supervision and Administration	306,000		front Levee. Inner	1,700,000
Subtotal	\$5,098,100	Harbor Na	vigation Canal to	
Orleans East Unit		Paris Roa	d, Floodwall	1,200,000
		Engineering and Design		337,900
Initiate: Inner Harbor Mavigation Canal,				
Initiate: Inner Harbor Navigation Canal, West Side, Florida Avenue			stration	242,000
West Side, Florida Avenue Complex	10,000	Supervision and Admini		242,000
West Side, Florida Avenue Complex Citrus Lakefront Levee, Inner	10,000		stration Subtotal	\$4,109,900
West Side, Florida Avenue Complex	10,000			

New Orleans West Unit		Chalmatte Unit (Continued) Initiate: Station 65 to 274, 2nd Lift	
Engineering and Design Supervision and Administration Subtotal	\$ 48,000 7,000 8 55,000	and Old Paris Road Closure, 1st Lift Station 1121 to 1568, 1st Levee	\$ 780,000
Mandeville Unit	33,000	Enlargement, Verret Floodwall and Greedmore Canal Drainage Structure	740,000
Engineering and Design	\$ 1,000	,	
Supervision and Administration	200	Initiate and Complete:	
Subtotal	\$ 1,200	Station 9+80 to 65+00, 2nd	
		Lift Levee	300,000
Chalmette Unit			
Initiate: Inner Harbor Mavigation Canal,		Engineering and Design	121,000
East - North of Florida		Supervision and Administration	184,800
Avenue, Levee and Floodwall	\$ 1,000,000	Subtotal	\$ 3,135,800
Inner Harbor Navigation Canal,			
Rest - Florida Avenue Complex	10,000	Grand Total	\$12,400,000

Construction of the Chef Menteur Barrier Levees is necessary in order that interim protection can be provided as soon as possible for the Lake Pontchartrain Barrier Plan. The Florida Avenue complexes, the levee and floodwall north of Florida Avenue, and the 2nd lift levee along the Inner Harbor Navigation Canal from Station 9+80 to 65+00 will close the remaining gaps along the Inner Harbor Navigation Canal where flooding occurred during hurricane "Betsy" in 1965. Construction of the 2nd lift of New Orleans East Back Leves and a levee and Floodwall along the Citrus Lakefront Levee will provide a higher degree of interim protection to the New Orleans East Unit. The same is true for the Chalmette Unit by construction of a 2nd lift levee along the Mississippi River-Gulf Outlet from Station 65 to 274 and levee enlargement from Verret to Caenarvon, Station 1121 to 1568.

NON-FEDERAL COST: Local interests are to bear 30 percent of the first cost to include the fair market value of all lands, easements, and rights-of-way, including borrow and disposal areas necessary for construction of the hurricane features and to accomplish all necessary alterations and relocations to roads, ratiroads, pipelines, cables, wharves, drainage structures, and other facilities made necessary by the construction works. They are required to share in only one-half the cost of the Seabrook Lock, the other half being constructed for navigation purposes at Federal expense. In addition, local interests are required to contribute the capitalized cost of operation and maintenance for Rigolets Lock. The current estimate of project costs to be borne by local interests follows:

Total \$118,000,000

Local interests are required to operate and maintain all features of the project works, excluding the Rigolets Navigation
Lock and Channel and modified dual-purpose Seabrook Lock. The annual cost to local interests for maintenance and operation
is estimated at \$656,000 including \$271,700 for material replacements.

In addition, local interests, through the combined efforts of the State of Louisiana, local levee and drainage districts, and parish police juries have spent an estimated \$25,366,000 between 1930-1963, based on the best cost records available, to effectuate and maintain the hurricane protection system existing prior to project authorization. Available costs of record are tabulated below:

Combination of State of Louisiana and Lake Borgne Levee District and Chalmette Back
Levee District on the Chalmette Back Levee Protection Systems \$4,410,000
Orleans Levee District Board \$12,010,000
Port of New Orleans (Levees along Industrial Canal) \$24,000
Pontchartrain Levee District \$5,022,000
Fourth Drainage District of Jefferson Parish \$3,000,000

Total \$25,366,000

A very severe hurricane, "Betsy," occurred in the project area in September 1965, just prior to authorization of the project in October 1965. Considerable damage was done to many of the existing levees and local interests immediately instituted an accelerated rehabilitation program with the view of restoring and strengthening existing protection prior to succeeding hurricane seasons. Only work performed by local interests after project authorization which conforms to the project design criteria and alimement will be accepted by the United States as work-in-kind in lieu of cash contribution.

STATUS OF LOCAL COOPERATION: Assurances are required for the two independently justified plans authorized by Congress.

1. Chalmette Area Plan:

a. Orleans Levee District: Assurance dated 28 July 1966 accepted 10 October 1966. Supplemental assurance covering provisions of the Uniform Relocation Assistance and Real Property Acquisition

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Policies Act, Public Law 91-646, executed 29 May 1975, accepted on 8 July 1975. New agreements of assurance covering all local cooperation requirements and a deferred payment plan as authorized by Public Law 93-251 executed 30 March 1976. This has not been accepted due to lack of supporting document.

b. St. Bernard Parish Police Jury and Lake Borgne Rasin Levee District: Joint assurances dated
16 August 1966, accepted 1 September 1966 and 16 June 1967, accepted 3 July 1967. Joint supplemental assurance covering provisions of the Uniform Relocation Assistance and Real Property
Acquisition Policies Act, Public Law 91-646, executed 26 February 1975, accepted 17 March 1975.
New joint agreement of assurance covering all local cooperation requirements and a deferred payment
plan as authorized by Public Law 93-251 executed 2 April 1976. This has not been accepted due
to lack of supporting documents.

2. Barrier Plan:

- a. Orleans Levee District: Assurance dated 28 July 1966, accepted 29 March 1974. New agreement of assurance covering all local cooperation requirements and a deferred payment plan as authorized by Public Law 93-251 executed 30 March 1976. This has not been accepted due to lack of supporting document.
- b. Assurance executed by them Governor John J. McKeithen for and on behalf of the St. Tammany Parish Police Jury on 8 May 1972 was never accepted due to lack of supporting documents. On 19 October 1976, Governor Edwards executed an instrument designating, among other things, the Louisiana Department of Public Works to lend financial assistance in connection with this project. The Louisiana Department of Public Works executed an act of assurance dated 8 November 1976 agreeing to fulfill all local cooperation requirements for that portion of the project in St. Tammany Parish.
- c. Pontchartrain Levee District: Assurance dated 7 October 1971. Supplemental assurance covering the provisions of the Uniform Relocation Assistance and Real Property Acquisition Policies Act, Public Law 91-646, executed on 15 October 1973 were never accepted due to lack of supporting documents. New agreements of assurance covering all local coperation requirements and a deferred payment plan as authorized by Public Law 93-251 were executed 20 September 1976. On 8 November 1976, The Louisiana Department of Public Works agreed to land financial assistance above \$100,000 to the Pontchartrain Levee District for that portion of the Barrier Plan which is the responsibility of that levee district.

COMPARISON OF FEDERAL COST ESTIMATES: The current Federal cost estimate of \$260,000,000 is an increase of \$18,000,000 over the latest estimate (\$242,000,000) submitted to Congress. This change includes increases of \$17,953,000 for higher price levels, and \$1,074,000 in Engineering and Design and Supervision and Administration based on a recent reanalysis of

<u>Division:</u> Lower Mississippi Valley <u>District</u>: New Orleans

Project: Lake Pontchartrain, Louisiana and Vicinity (Hurricane Protection)

	Estimates Presented to Congress (\$1,000)					
	Original	Cumulative		Incremental		
Item	Baseline	Changes	Last	Change	Current	
	(1)	(2)	(3)	(4)	(5)	
Federal Cost	65,784		242,000		260,000	
(Price Level)	(Oct 1965)		(Oct 1975)		(Oct 1976)	
Reason for Change		(176,216)		(18,000)		
a. Price Escalation		115,115		17,953		
b. Design Changes		41,795		•		
c. Additional Function Added Under		-				
General Authorization		4,243				
d. Authorized Modification		10,886	•			
e. Post-Contract Award and Other						
Estimating Adjustments				47 1/		
f. Schedule Changes			•			
g. Sundry		4,177				
h. Real Estate						

1/ Increase of \$1,074,000 in Engineering and Design and Supervision and Administration due to addition of a water quality program and Rigolets Complex Extension; offset by a decrease of \$1,027,000 based on a redistribution of costs between Federal and non-Federal.

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requirements. These increases were pertially offset by a decrease of \$1,027,000 based on a reanalysis of Federal cost-sharing requirements.

STATUS OF ENVIRONMENTAL IMPACT STATEMENT: The final Environmental Impact Statement was filed with the Council on Environmental Quality on 9 January 1975.

BENEFIT TO COST RATIO: The benefit to cost ratio last presented to Congress (FY 1977) was 13.3 to 1. The current benefit to cost ratio is 13.5 to 1. The benefit to cost ratio is based on the project functioning independently.

OTHER INFORMATION: Funds to initiate preconstruction planning were appropriated in FY 1966 and for construction in FY 1967.

Save Our Wetlands, Inc., filed suit on 8 December 1975 in United States District Court for the Eastern District of Louisiana against the New Orleans District Engineer, the Secretary of the Army, the Administrator of the Environmental Protection Agency and the President of the Orleans Leves Board. The Clio Sportsman's League joined the suit on 21 June 1976. The suit alleges the following: (1) that a regional cumulative Environmental Impact Statement should be accomplished prior to proceeding with the project; (2) that the Corps has not complied with the conditions of final approval by the Environmental Protection Agency of Section 404 requirements of the Federal Water Pollution Control Act; (3) that the Corps has not completely eliminated the St. Charles Parish lakefront leves as required by the Environmental Protection Agency. The suit also seeks to have the New Orleans East lakefront leves removed and to have three openings for tidal interchange provided under the Southern Railroad embankment.

The response to the complaint denies wholly or in part each of the accusations. The suit is presently in the discovery stage of the legal proceedings and the hearing date is as yet unknown.

REPORTS	CONTROL SYMBOL:	DAEN-CWB-13

AP	PROPRIATION TIT	LE: CONSTRUCTION GENERAL		CL	ASSIFICATION			
				ĺ	LOCAL PR	OTECTION (FLOC	D CONTROL PR	OJECT)
SUMMARY CONSTRUCTION PROGRAM (PB-1) FISCAL YEARS 19 77 AND 19 79								
-		ITÉM	PROJECT CO	эвт	TOTAL TO	CURRENT FY 19.77	BUDGET 8	SALANCE TO COMPLETE 7 AFTER FY 19_7
8		(a)	(b)		(c)	(d)	(e)	(1)
1	BARRIER UNI	T						L
2	LANDS AND	DAMAGES	2,190,0	00	34,000	960,000		1.196.000
3	RELOCATION	'S	140,0	000		25,000		115,000
	LOCKS		39,600,0	000				39,600,000
	ROADS		150.0	000				150,000
6	CHANNELS A	ND CANALS	4,030,0	90	764,800			3.265.200
7	BREAKWATER	S AND SEAWALLS	2,840,0					2,810,000
•	LEVEES AND	FLOODWALLS	36,210,0	00		1.500.000	5.120.000	29 500 000
•	FLOODWAY C	ONTROL AND DIVERSION						*****
ō	STRUCTUR	ES	47,200,0	00				47,200,000
11	PERMANENT	OPERATING EQUIPMENT	10,0	00				10,000
2	ENGINEERIN	G AND DESIGN	9,890,0	00	4,319,800	1.325.000	80º 100	3,353,100
3		N AND ADMINISTRATION	6,920,0		347,600	225,000	306,000	6.041.400
4		- BARRIER UNIT	149,180,0		5,466,200	4,035,000		133,360,700
•								
6	NEW ORLEANS	EAST UNIT						
7	LANDS AND		7,760,0	00	4,840,000	990,000	90,000	1.840.000
•	RELOCATION		7,210,0		1,675,900	113,700	418,000	5,002,400
9		FLOODWALLS	68,260.0		34,588,800	3,478,000	3,750,000	26,443,200
10	PUMPTING PI		9,360,0					9,360,000
11		G AND DESIGN	10,480,0		6,147,900	570,300	337,900	3,423,900
12		M AND ADMINISTRATION	5,100,0		2,381,200	255,000	242,000	2,221,800
2		- NEW ORLEANS EAST UNIT	108,170,0		49,633,800	5,407,000	4.837.900	48,291,300
24		w the variable real man	- Januari Value		71000			
26	NEW ORLEANS	MEST INTO						
×	LANDS AND		1,140,0	00	1,140,000			
7	RELOCATION		820.0					820,000
		FLOODWALLS	30,350,0					30, 350, 000
		G AND DESIGN	2,460,0		690,600	28,000	48,000	1,693,400
ō		N AND ADMINISTRATION	1,260,0		78,400	7,000	7,000	1.167.600
,		- NEW ORLEANS WEST UNIT	36,030,0		1,909,000	35,000	55,000	34,031,000
2		Value						1
9		· · · · · · · · · · · · · · · · · · ·						
-	ECTIVE DATE	DIVISION LOWER MISSISSIPPI VALLEY			MISSISSIPPI	LAKE PON	TCHARTRAIN, Y (HURRICANE	LOUISIANA
	1 Jan 77	DISTRICT NEW ORLEANS			L LOUISIANA	I WIT ATCTAIT	I (HURRICANE	120

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REPORTS CONTROL SYMBOL: DARW_CVR...1:

_				TECTION (FLOOI	CONTROL PRO	(JECT)		
SUMMARY CONSTRUCTION PROGRAM (PB-1) FISCAL YEARS 19.77 AND 19.70								
į	ITÉM	PROJECT COST ESTIMATE	TOTAL TO 30 SEP 19 76.	CURRENT FY 19	BUDGET PY 19_78	SALANCE TO COMPLETE 7 AFTER FY 19		
10	(0)	(b) ···	(c)	(d)	(e)	(1)		
1	MANDEVILLE UNIT							
2	LEVEES AND FLOODWALLS	588,000				588.00		
3	ENGINEERING AND DESIGN	62,000	23,500	1.000	1.000	36,50		
à	SUFERVISION AND ADMINISTRATION	50,000	2,200	200	200	47,400		
•	SUBTOTAL - MANDEVILLE UNIT	700,000	25,700	1,200	1.200	671.900		
6								
7	CHALMETTE UNIT							
•	LANDS AND DAMAGES	6,960,000	6,631,000			329.000		
•	RELOCATIONS	3,290,000	2.358.500			931,500		
0	LEVEES AND FLOODWALLS	63,350,000	23.757.600	5.124.700	2.940.000	31,527,700		
1	PERMANENT OPERATING EQUIPMENT	20,400	20,400			1 - ,,		
2	ENGINEERING AND DESIGN	5,850,000	2.841.700	205,200	121.000	2,682,100		
3	SUPERVISION AND ADMINISTRATION	4,449,600	1,440,500	287,500	184.800	2,536,800		
4	SUBTOTAL - CHALMETTE UNIT	83,920,000	37.049.700	5,617,400	3,245,800	38,007,100		
•								
6	TOTAL COST (Federal and Non-Federal)	378,000,000	94.084.400	15.095.600	14.458.000	254, 362,000		
<u> </u>	TOTAL ORLIGATIONS		97.141.300	13,158,700	13,338,000	254,362,000		
•								
•	TOTAL COST (Federal Funds Only)	260,000,000	71.082.100	12.636.900	T3,520,000	162,761,000		
이	TOTAL OBLIGATIONS		74.139.000	10.700.000	12,400,000	162,761,000		
1								
2	TOTAL COST (Non-Federal Only)	118,000,000	23,002,300	2,458,700	938,000	91,601,000		
	TOTAL ORLIGATIONS		23,002,300	2.458.700	938,000	91,601,000		
4								
8	METHOD OF FINANCING							
18	(Corps of Engineers)		` .					
7	Allocations		74.139.000	10,700,000 1				
•	Unobligated Carryover from Prior Year							
•	Total Available for Obligations			10,700,000	12,400,000			
0	Undelivered Orders from Prior Year	}	j	3,056,900	1.120.000			
	Total Available for Expenditure	1		13,756,900	13,520,000	1		
2	Appropriations			700	12,400,000	162,761,000		
9	1/ Reflects \$1,300,000 reduction assig	ned as Saving	and Slippage		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,		
FF			ISSISSIPPI	PROJECT				
	VALLEY				ONTCHARTRAIN	LOUITSTANA		
		ASIN COASTAL	LOUISTANA		Y (HURRICANE			

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APPI	OPRIATION TITLE: CONSTRUCTION GENERAL		CLASSIFICATION:	TECTION (FLOO	D COMPROST	o mam)
	SIIMMAR	V CONSTRUC	TION PROGRAM		D CONTROL PR	OJECT)
	GOMMAN	ISCAL YEARS 19	77_ AND 1978	(10-1)		
Ł	ITEM	PROJECT COS ESTIMATE		CURRENT FY 19.77	9Y 19.78	BALANCE TO COMPLETE AFTER FY 19_7
0	(a)	(b)	(c)	(d)	(e)	(f)
1 2	(Non-Federal Funds)					-
1	Contributions Unobligated Carryover from Prior Year	+	23,002,300_			
1	Total Available for Obligation	 				
6	Undelivered Orders from Prior Year	·				
•	Total Available for Expenditure	1				i
7	Contributions Required		23,002,300	2,458,700	938,000	.91.601.00
•	Cash		1.650.000	370,000	430,000	81 367 100
•	Equivalent Work		21, 352, 300	2,088,700	508,000	10,233,900
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	VAILEY	EGION LOWER	MISSISSIPPI	PROJECT TAKE POWECH	ARTRATM. TATE	TRYANA AND
_ 1		ASIN COASTA	L LOUISIANA	VICINITY (ARTRAIN, LOU-	OTECTION)

PPROPRIATION TITLE: Construction General - Local Protection (Flood Control) Larose to Golden Mesdow, Louisians (Hurricane Protection) (Continuing) LOCATION: The project is located in Lafourche Parish, Louisiana, about 28 miles southwest of New Orleans and about 25 miles Meadow, a distance of about 16 miles. AUTHORIZATION: Flood Control Act of 1965. BENEFIT-COST RATIO: 3.4 to 1 Accumulated % of Estimated Federal Cost SUMMARIZED TINANCIAL DATA STATUS (1 January 1977) PERCENT COMPLETION COMPLETE SCHEDULE Estimated Federal Cost
Estimated Non-Federal Cost
Cash Contribution
Other
Total Estimated Project Cost Levees and Floodwalls Entire Project \$26,900,000 11,600,000 Dec 1987 Dec 1987 \$6,070,000 5,530,000 \$38,500,000 6,662,000 2,600,009 1,800,000 6,462,000 Allocations to 30 September 1976 Conference Allowance for FY 1977 Allocation for FY 1977 Allocations to Date Appropriation Requested for FY 1978 Balance to Complete After FY 1978 1/ Reflects \$800,000 reduction ags and slippage. PHYSICAL DATA Floodgates Levees Drainage Structures Loop levee approximately 40 miles in length along both banks of Mayou Lafourche: Enlargeme of 3 miles of levees at Golden Meadow; Eight miles of low interior levee to regulate inter-cepted drainage. - 56-foot sector-gated 8 multibarreled culverts controlled by flap gates Division: Lower Mississippi Valley New Orleans Region: Lower Mississippi Larose to Golden Meadow, Louisiana (Hurricane Protection)

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