



REPLY TO  
ATTENTION OF

Engineering Division

DEPARTMENT OF THE ARMY  
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS  
P.O. BOX 60267  
NEW ORLEANS, LOUISIANA 70160-0267

JUN 20 2013

Garret Graves  
Chairman  
Office of Coastal Restoration & Protection  
Coastal Protection & Restoration Authority Board of Louisiana (CPRAB)  
1501 North 3rd Street  
Baton Rouge, Louisiana 70802

Dear Mr. Graves:

The US Army Corps of Engineers (USACE) submits this final National Flood Insurance Program (NFIP) Levee System Evaluation Report (NLSER) for the Greater New Orleans Hurricane and Storm Damage Risk Reduction System (HSDRRS). This report concludes that HSDRRS meets all the requirements established by USACE for determining that the levee system can be reasonably expected to exclude the 1% annual chance exceedance flood, also referred to as the base flood, from the leveed area. This NLSER documents the NFIP levee system evaluation requirements, assumptions made, and analyses conducted to make this NFIP levee system evaluation finding and that they are consistent with requirements outlined in Title 44 of the Code of Federal Regulations, Section 65.10 (44 CFR 65.10), *Mapping Areas Protected by Levee Systems*.

The NFIP levee system evaluation is a prerequisite for receiving levee system accreditation from the Department of Homeland Security, Federal Emergency Management Agency (FEMA). If the levee system is in accordance with NFIP levee system evaluation requirements and thus accredited, FEMA will not show the area located behind the levee as a Special Flood Hazard Area, an area that would subject to flooding by the base flood. The area instead will be designated as a shaded Zone X or moderate risk zone. The purchase of flood insurance and elevation of structures is not federally mandated in a moderate risk zone; however, it is encouraged.

This NFIP levee system evaluation expires on June 24, 2023. After this time, USACE will no longer consider HSDRRS to be in accordance with NFIP levee system evaluation requirements. The Coastal Protection and Restoration Authority Board of Louisiana and FEMA will be notified accordingly.

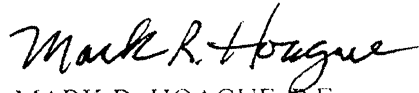
This NFIP levee system evaluation does not assure that HSDRRS will exclude flood water from all future flood events. Even with a levee in place that meets NFIP levee system evaluation requirements, a possibility will always exist of flooding that overtop or otherwise fails the levee. Flood risk management measures to reduce the consequences of this possibility are strongly advised, such as elevating structures, maintaining a current flood warning system and evacuation plan, and wisely managing floodplain development.

The New Orleans District may revoke the positive finding for NFIP prior to June 2023 if it is determined that the system is no longer in accordance with NFIP levee system evaluation requirements. Reasons for revocations may include inadequate operations and maintenance, excessive settlement/subsidence, changes in hydraulic conditions, or improper levee modifications and associated components. The New Orleans District will notify CPRAB and FEMA Region VI should this situation occur. If the local community or other governmental entity desire to retain accreditation of the levee system, they will be responsible for reevaluation of the levee system in accordance with 44 CFR 65.10.

A copy of this NLSER has been transmitted to FEMA Region VI. Copies have also been sent to the NFIP Coordinator for each Parish situated within HSDRRS limits, and State of Louisiana.

For any questions regarding this report, please contact the New Orleans District Levee Safety Officer, Mark R. Hoague, P.E. 504-862-2240. For questions about accreditation or the NFIP, please contact FEMA Region VI, Gary Zimmerer at 940-898-5161.

Sincerely,



MARK R. HOAGUE, P.E.  
Levee Safety Officer

Enclosure

Copies Furnished:

Tim Doody, President, Southeast Louisiana Flood Protection Authority – East  
Bob Turner, Regional Director, Southeast Louisiana Flood Protection Authority – East  
Susan H. Maclay, President, Southeast Louisiana Flood Protection Authority – West  
Guinessippie Mirendo, Regional Director, Southeast Louisiana Flood Protection Authority – West  
Steve Wilson, President At-Large, Pontchartrain Levee District  
Honorable Mitch Landrieu, Mayor of New Orleans, City of New Orleans  
Honorable William Nungesser, President, Parish of Plaquemines  
Honorable David E. Peralta, President, Parish of St. Bernard  
Honorable Vernon J. St. Pierre, Jr., President, Parish of St. Charles  
Honorable John F. Young, Jr., President, Parish of Jefferson  
John R. Monzon, B.S.C.E., P.E., Chief Engineer, Flood Protection Division - Coastal Protection  
and Restoration Authority  
Jerome Zeringue, Executive Director, Coastal Protection and Restoration Authority  
Harold Daigle, P.E., Project Management Administrator – Project Management Division -  
Coastal Protection and Restoration Authority

Copy Furnished (CONT)

James McMennis, P.E., Program Manager, Program – Project Management Division - Coastal  
Protection and Restoration Authority

Dustin White, Project Manager – Project Management Division Coastal Protection and  
Restoration Authority

Cindy N. O'Neal, CFM, Louisiana NFIP State Coordinator, LA DOTD (Section 64)

Gary Zimmerer, FEMA Region IV