

# DAMMON ENGINEERING, INC.

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*CONSULTING*

*DESIGN*

*STUDIES*

*EXPERT WITNESS*

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April 19, 2007

Mr. Jimmy Hart  
160 Pearl Dr. West  
Slidell, La. 70461

Re: Electrical wiring test  
Hart Residence

Dear Mr. Hart,

An electrical test of the wiring in your home was performed by Gulf Coast Electric Co. LLC, Louisiana license number 46737, to determine if the grounding of the electrical system meets the requirements of bonding and grounding in accordance with NFPA 70:230-63, NFPR 250-23, 250-71, 250-72 and, in addition, neutral grounding in accordance with NFPA 70:250-23b.

#### Equipment

The equipment used to perform these test was a Simpson 260 Volt/Ohm meter, and a Slater GA-120 Circuit Tester.

#### Findings

The lighting/receptacle load center located in the laundry room does not meet the installation requirements of the National Electrical Code. The wires entering the panel are not protected by listed bushing or listed grommet covering the metal edges and the NMB wire sheathes have not been removed for proper routing.

Receptacles located throughout the home were checked for open grounds, proper continuity, and shorts. The GFI receptacle to the left of the sink in the kitchen is inoperable. The GFI receptacle in the master bath is not operable and the Jacuzzi tub receptacle is inoperable. The light in the master bath shower does not work. There are no GFI receptacles in the upstairs bath rooms. There are four GFI receptacles on the exterior of the home that were damaged by the flood waters of Katrina. All remaining receptacles meet the current requirements.

#### Conclusion:

It is my professional opinion that after the repairs to the electrical system is made this home will meet the code requirements of the National Electric Code.

Sincerely,

Emmett G. (Pete) Dammon, P.E.  
Louisiana License No. 8796