

NEW ORLEANS LOUISIANA HURRICANE PROTECTION PROJECT. LEVEE GATE HYDRAULIC SYSTEM ORLEANS AVENUE CANAL

New Orleans, Louisiana

Description: Atlantic Industrial Technologies was awarded the contract to engineer, manufacture and commission the full hydraulic control system for the levee gates that protect the Orleans Avenue Canal, one of three outfall canals that drain water from portions of New Orleans northward into Lake Pontchartrain .

The hydraulic system was designed to lift and lower five (5) 1,000 lb levee gates to protect the Orleans Canal in case of flooding. Atlantic Industrial supplied all the hydraulics and controls, and managed the installation and startup of power to the gates, which remain open under normal conditions but close during rising surge from tropical storm activity.



Project Specifications:

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| Hydraulic Power Unit: | 2 x 20 HP (stainless steel) with PLC Control Panel |
| Controls: | 10 Hydraulic and Ethernet control boxes to communicate with SCADA system |
| System Max Pressure: | 3,000 PSI |

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