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July 29, 2013

Mr. Pete Rudesill
LAFA, Assistant Director
Fleet & Facility Maintenance Manager
Indian Creek Manager
LA Dept of Agriculture & Forestry
Phone: (225) 952-8172

RE: Analysis of Food Distribution Warehouse Emergency Generator
5825 Florida Blvd, Baton Rouge, Louisiana 70806

Dear Mr. Rudesill,

Dammon Engineering has completed the subject analysis to enable the automatic transfer switch to automatically transfer to emergency power; please find the information on the power point presentation attached. This analysis complies with the Nation Electrical Code 2008.

We have provided 3 options to utilize the automatic transfer capability to emergency power:


Option 1 – Install automated controls for the refrigeration equipment to sequentially start the coolers, also to install contactors to shed Non-Essential Loads until utility power is restored. Construction cost estimate for option 1 is \$158,567.00

Option 2 – Swap the generator currently at the Food Distribution warehouse with the one currently at the Main Administration Building. In addition to swapping the generators, contactors would be installed to shed Non-Essential Loads until utility power is restored. Construction cost estimate for option 2 is \$114, 908.00

Option 3 -- Swap the generator currently at the Food Distribution warehouse with the one currently at the Main Administration Building. In addition to swapping the generators, a new power panel will be installed, then reroute the existing panels that support the refrigeration units to the new power panel; and reroute the existing Non-Essential loads to run on utility power only. Construction estimate for option 3 is \$126, 889.00

These cost estimates do not include other required changes due to incorrectly installed electrical issues at the facility.

Sincerely,


David Dammon, VP