



DIVISION OF
CORPORATION FINANCE

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

January 17, 2013

Via E-mail

Samuel F. Thomas
Chairman, Chief Executive Officer, President and Director
Chart Industries, Inc.
One Infinity Corporate Centre Drive, Suite 300
Garfield Heights, OH 44125-5370

Re: Chart Industries, Inc.
Form 10-K for Fiscal Year Ended December 31, 2011
Filed February 29, 2012
Definitive Proxy Statement on Schedule 14A
Filed April 10, 2012
File No. 001-11442

Dear Mr. Thomas:

We have completed our review of your filings. We remind you that our comments or changes to disclosure in response to our comments do not foreclose the Commission from taking any action with respect to the company or the filings and the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States. We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filings to be certain that the filings include the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ Era Anagnosti

for Pamela Long
Assistant Director