

Cleco Corporation  
CERTIFICATION PURSUANT TO  
18 U.S.C. SECTION 1350,  
AS ADOPTED PURSUANT TO  
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Quarterly Report of Cleco Corporation (the "Company") on Form 10-Q for the quarter ended March 31, 2008, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Kathleen F. Nolen, Senior Vice President and Chief Financial Officer of the Company, certify, pursuant to 18 U.S.C. § 1350, as adopted pursuant to §906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934;
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: May 6, 2008

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/s/ Kathleen F. Nolen

Kathleen F. Nolen  
Senior Vice President and Chief Financial  
Officer