

EXHIBIT 32.2

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

I, Linda C Reddick, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that the Annual Report of Centillium Communications, Inc. (the "Company") on Form 10-K for the year ended December 31, 2007 fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 and that information contained in such Annual Report on Form 10-K fairly presents in all material respects, the financial condition and results of operations of the Company.

Date: March 13, 2008

A handwritten signature in black ink, appearing to read "L C Reddick", is centered within a light gray rectangular box.

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Linda C. Reddick  
Chief Financial Officer  
(Principal Financial and Accounting Officer)