

CONTROLS AND PROCEDURES

A. Disclosure Controls and Procedures

See page 13 of Exhibit 99.2.

B. Changes in Internal Control Over Financial Reporting

See page 13 of Exhibit 99.2.

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

SUNCOR ENERGY INC.

Date:
August 4, 2006

By:

JANICE B. ODEGAARD
JANICE B. ODEGAARD
Vice President, Associate General Counsel and
Corporate Secretary

EXHIBIT INDEX

| Exhibit | Description of Exhibit |
|----------------|--|
| 99.1 | Press Release Including 2006 Outlook |
| 99.2 | Interim Management's Discussion and Analysis for the second fiscal quarter ended June 30, 2006 |
| 99.3 | Interim Unaudited Financial Statements of Suncor Energy Inc. for the three and six months ended June 30, 2006 |
| 99.4 | Certificate of the President and Chief Executive Officer Pursuant to Exchange Act Rule 13a-14 or Rule 15d-14, as Enacted Pursuant to Section 302 of Sarbanes-Oxley Act of 2002 |
| 99.5 | Certificate of the Senior Vice President and Chief Financial Officer Pursuant to Exchange Act Rule 13a-14 or Rule 15d-14, as Enacted Pursuant to Section 302 of Sarbanes-Oxley Act of 2002 |