

Mail Stop 3561

August 31, 2007

Via U.S. Mail and Facsimile

Ronald D. Sugar
Chairman and Chief Executive Officer
Northrop Grumman Corporation
1840 Century Park East
Los Angeles, California 90067

RE: Northrop Grumman Corporation
Form 10-K for the fiscal year ended December 31, 2006

File No. 001-16411

Dear Mr. Sugar:

We have completed our review of your Form 10-K and related filings and do not, at this time, have any further comments.

Sincerely,

Linda Cvrkel
Branch Chief

Via facsimile: Wesley G. Bush, President and Chief Financial Officer
(310) 556-4539