

NORSK HYDRO A S A  
Form 6-K  
December 18, 2006

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

**Washington, D.C. 20549**

**FORM 6-K**

**REPORT OF FOREIGN PRIVATE ISSUER**

**Pursuant to Rule 13a-16 or 15d-16 of  
The Securities Exchange Act of 1934**

**December 18, 2006**

**Norsk Hydro ASA**

(Exact name of registrant as specified in its charter)

**Drammensveien 264, Vakero, N-0240 Oslo, Norway**

(Address of principal executive offices)

**001-09159**

(Commission File Number)

Indicate by check mark whether the registrant files or will file  
annual reports under cover of Form 20-F or Form 40-F:

Form 20-F / x /      Form 40-F / /

Indicate by check mark whether the registrant by furnishing the  
information contained in this form is also thereby furnishing the information to the  
Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes / /      No / x /

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On December 17, 2006 the Registrant issued a press release, a copy of which is attached hereto as Exhibit 99.1 and is incorporated herein by reference

(c) Exhibit 99.1. Press release dated December 17, 2006

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

**Norsk Hydro ASA**

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(Registrant)

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**December 18, 2006**

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(Date)

**/s/ ADA CHRISTIANE RIEKER**

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Ada Christiane Rieker  
*Vice President, Investor Relations*