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Rule 12g3-2(b) File No. ~~82-5190~~

Office of International Corporate Finance
Division of Corporation Finance
Securities and Exchange Commission
450 Fifth Street, N.W.
Washington, D.C. 20549
U.S.A.
Tel. Nr. Filing desk 202 942 80 50



Date September 16, 2005
Contact Martina C. Schuler

Unaxis Holding AG
Rule 12g3-2(b) File No. 82-5190

The enclosed information is being furnished to the Securities and Exchange Commission (the "SEC") on behalf of Unaxis Holding, Inc. (the "Company") pursuant to the exemption from the Securities Exchange Act of 1934 (the "Act") afforded by Rule 12g3-2(b) thereunder.

This information is being furnished under paragraph (1) of Rule 12g3-2(b) with the understanding that such information and documents will not be deemed to be "filed" with the SEC or otherwise subject to the liabilities of Section 18 of the Act and that neither this letter nor the furnishing of such information and documents shall constitute an admission for any purpose that the Company is subject to the Act.

Sincerely,
for and on behalf of
Unaxis Holding AG

Martina C. Schuler
Nicolas Weidmann
Corporate Communications

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Enclosure

- Unaxis plans share buyback

Handwritten signature

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Media Release

Unaxis plans share buyback

Pfäffikon SZ, September 16, 2005 – The Board of Directors of Unaxis Holding AG has decided to institute a share buyback program entailing a maximum of 10 percent of the 14,142,437 Unaxis shares currently in public hands. The buyback program is expected to commence in 2005 and be concluded by the time of the company's 2007 annual general meeting of shareholders. The program will serve to finance acquisitions as well as to facilitate employee stock ownership plans.

Details on the share buyback will be announced once the Swiss Takeover Board has granted its approval of the program.

For further information, please contact:

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Unaxis – a globally leading high-tech company

Unaxis (SWX: UNAX) is a globally leading provider of production systems, components, and services for high-technology products based on core competencies in thin film and vacuum technology. Unaxis' commercial activities center on high-growth sectors such as protective coatings for precision tools and components (Coating Services), systems for producing vacuum and conveying process gases (Vacuum Solutions), production systems for data storage devices (Data Storage Solutions), optical components (Optics), and aerospace technology (Space Technology). Unaxis also deploys its core competencies as a major provider of semiconductor technology (Semiconductor Equipment). Unaxis currently employs approximately 6,800 individuals and, in its 2004 financial year, achieved sales of CHF 1,850 million. The company, headquartered in Pfäffikon SZ, Switzerland, has a globe-spanning infrastructure that encompasses centers of competency for research, development, and production in Europe, Asia, and the USA, as well as approximately 80 subsidiaries in 24 countries.

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