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WATER DESALINATION SYSTEM

Swiss Leader:

The Swiss firm Atlantis Energy Ltd, founded in 1978, specialises mainly in the field of non-conventional energy vectors, especially in regard to the industrial use of solar energy.

Among the products developed by the firm and at present on the market, mention should be made of the water desalination plants working on the principle of vacuum distillation in several stages, and particularly recommended for their applications to solar energy and other heat sources.

The Atlantis installations present for the first time an economical alternative to oil-powered desalination plants and they are capable of producing drinking water cheaply from thermal waste.

By producing a whole series of brand new installations, Atlantis has won a leading position for itself in the field of solar technology, concentrating mainly on export markets.

Atlantis won a turnkey contract for the delivery of a laboratory to the State of Qatar in 1984 and supplied a desalination plant to Kuwait in 1985, to mention but two of its most recent achievements. The first of these two deliveries represents the biggest pilot solar energy laboratory ever produced (first solar desalination plant powered by solar pond, two small solar power units, solar equipment test benches, etc). The second comprises the first solar desalination plant designed to be connected to a thermal solar power unit for the use of the thermal waste generated in the production of current.

CHINA'S NATIONAL LIBRARY CALLS ON SWISS TECHNOLOGY

In spite of very keen international competition, the Swiss firm of Cerberus succeeded in winning the order for a modern fire-protection system for the new Chinese National Library in Beijing. The order comprises some 3500 fire detectors of the latest generation and 15 independent sub-stations as well as a CS-100 general control system equipped with an interactive service terminal and a screen with a colour diagram for the display of details concerning the alarm.

The Chinese National Library possesses some 15 million books and other works in 24 national tongues and 115 foreign languages.

For the immediate protection of these precious and irreplaceable historical documents, some 30 sectors have been set up with halon gas extinguishing devices triggered in an emergency by Cerberus control stations.

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