Questions and Answers

Steam Generation from Incinerators - MARVIN

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Steam and Chilled Water Installation at Three Rivers Stadium, Pittsburgh, Pa.

Solid wastes, steam generation from

From waste in Vienna

Rate increases, 1967-1971

Steam and Chilled Water Installation at Three Rivers Stadium, Pittsburgh, Pa.

Rate increases in the district heating-cooling industry

Steam Generation from Incinerators - MARVIN KIRSHNER

Steam Service in Downtown Cleveland - JOSEPH J. BOSL

Storage tanks for chilled water

SWATY, FRANZ - Waste Heats Vienna

System Installations

— Los Angeles
— Pittsburgh

Tax Depreciation

TONET, NELSON R. - Exposing an Active High-Pressure Steam Line

Tunnel blower

United Kingdom, new trends in heating

University, chilled water storage at McMaster

Vienna, Austria heated by waste

Waste Heats Vienna - FRANZ SWATY

WINKLER, GERALD L. - Pub 4000 Gopher

NEWS FROM OTHER COUNTRY'S

Denmark

The Danish firm of Bruun & Sorensen has designed a refuse-burning district heating system which has already been installed in a number of cities in Denmark, Sweden and Britain.

The system is essentially simple in principle. Refuse is received at two storage silos; one for household refuse, the second for industrial waste; where it is stored at reduced air pressure to avoid dust or smell. A semi-automatic crane transports the refuse to the incinerator furnaces, where mechanical gratings and an operating temperature of 1,000 C insures complete combustion. After cooling, the ashes are automatically transported to a storage silo through a sealed transport system that prevents the escape of any smoke or dust.

Flue gases from the furnaces are passed through an afterburner to remove all odor, and then through a smoke filter to get rid of all harmful contents. The faint white vapor that emerges from the chimney is steam — no visible smoke is produced by the plant. The plant is reported to be odorless and does not generate any dust or soot, making it suitable for use even in residential areas.

Northern Ireland

At Dunmurry, 2,000 residences will be heated and served domestic hot water by one of the largest oil-fired district heating systems in the United Kingdom.

A similar system for a development area of 600 homes in Belfast is awaiting approval by the Ministry.