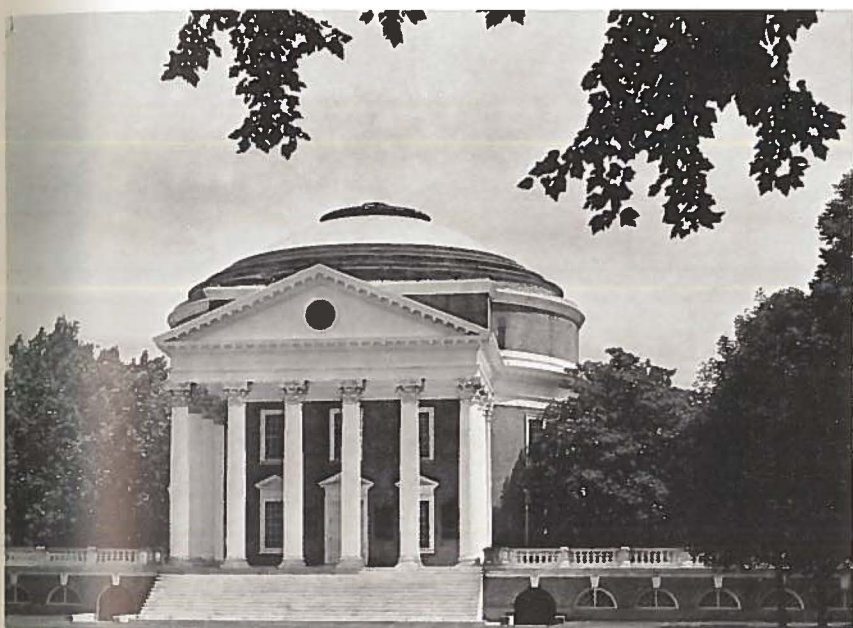


# DISTRICT HEATING

OCTOBER-NOVEMBER-DECEMBER 1974



The Rotunda, University of Virginia



Osaka Castle



Pagoda at Nara

## District Energy Systems

- ✱ University of Virginia at Charlottesville
- ✱ Walt Disney World at Orlando, Florida
- ✱ Battelle Memorial Institute Study

## Refuse-Heat Recovery Systems

- ✱ Utilities and Industries in Japan's Urban Areas
- ✱ European Countries
- ✱ Study for Syracuse, New York

## West Germany Planning National District Heating System

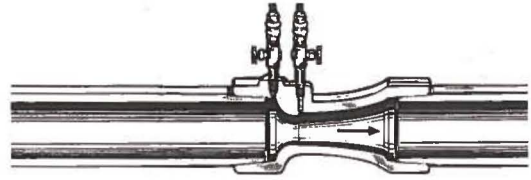
The government of West Germany is planning a national district heating system, which it says will be in operation by the year 2000, and estimates indicate that the nation-wide system should save about 80 million tons of coal per year—25 per cent of present consumption for the production of energy.

The country's Minister of Research, Hans Matthoef, said at a news conference, that \$4 million has been allocated to begin on the first phase of the project: a "heating atlas" which will chart heating requirements in relation to climatic conditions, heating systems now being used, seasonal changes, and consumer attitude. The compilation of this information is expected to avoid errors which would result in investment losses.

The project plan calls for all towns having a population of more than 40,000, to be connected to the national system, which would supply 94 per cent of the country's heat requirements; local plants would supply the remainder.

Heating and electric generating plants would be combined, so that the heat from power generation could be used. The system is planned so that it could be feasibly converted to the use of nuclear power. Present estimates judge that the national system will cost approximately \$18 billion.

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