

Re: About good, bad and ugly power stations

Source: <http://sci.tech-archive.net/Archive/sci.energy/2005-02/0826.html>

From: Baby Elian (SPAM)_at_virgilio.it)

Date: 02/27/05

Date: Sun, 27 Feb 2005 10:37:38 GMT

- > *Co-generation is good, but the piping to distribute heat from a nuclear*
- > *power plant many miles from a population center must no be economical.*
- > *Otherwise, it would be used now.*
- > *Dist rict heating requires a district to heat. Nuclear power*
- > *plants in the USA are purposefully located far from population*
- > *centers. The distances are simply too great for piping heat to*
- > *the population center. Even conventional plants stopped supplying district*
- > *heat once*
- > *central stations were moved out of city centers.*

For example,I thought about a small Htgr reactor,e.g. a 165 MWe pebble bed reactor,located *not so far* from a city center

How far could we put a thermal plant to be this district heat cost effective?Is there an economical- technical document (or paper) on the web?

What can we estimate the thermal energy requiriments for a one hundred thousand (or more) of inhabitants town?