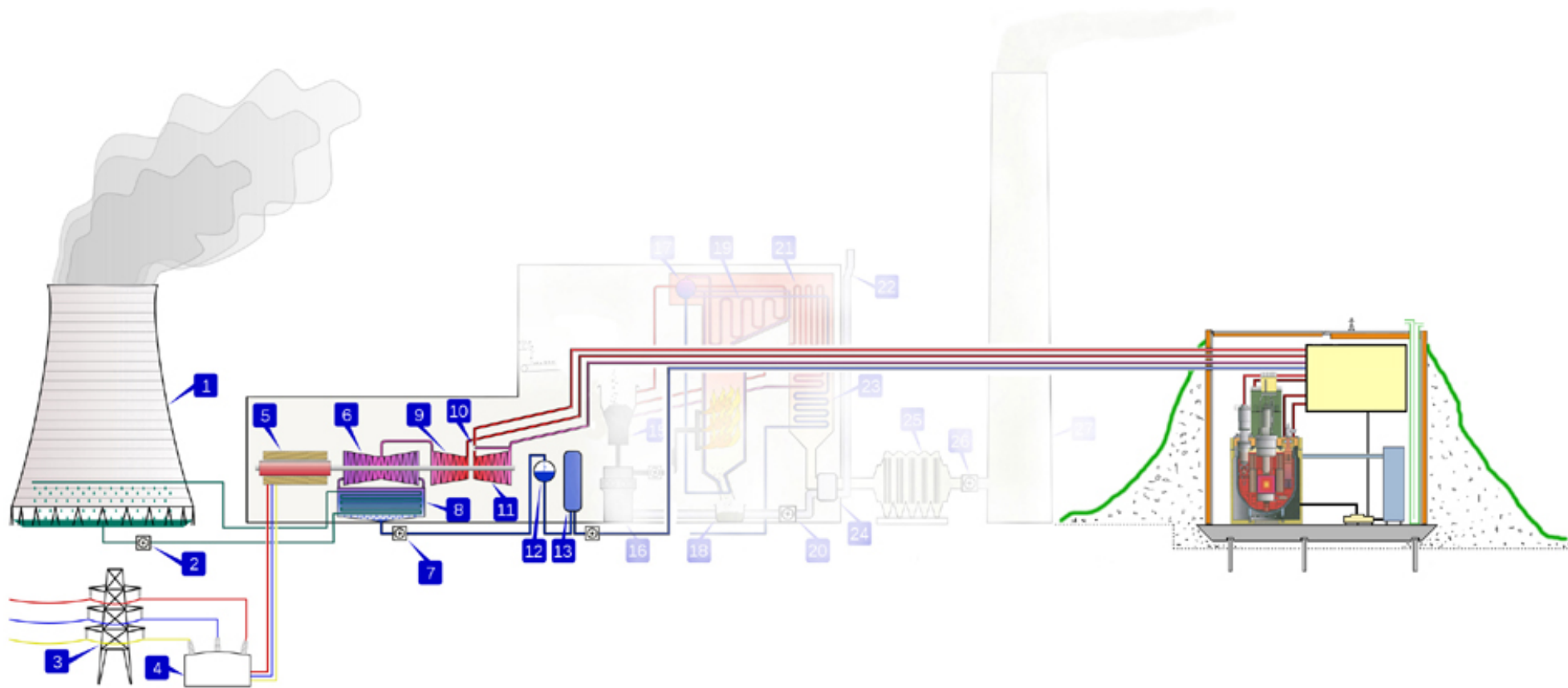


Stunning fact: The largest **2%** of ALL fossil fuel power plants make **30%** of ALL Global Warming.

Converting them to nuclear (below) is the only way we can end this biggest source of Global Warming quickly.



Coal Burning Power Plant

Nuclear Boiler Module

The electricity turbine is disconnected from the coal burning boiler (faded) then reconnected to the nuclear boiler.
Man standing above yellow box shows size. Larger image of the red "Hot Tub" nuclear boiler. [To: About nuclear boiler.](#)

About the Nuclear Boiler Module:

The Nuclear Boiler Module is a disposable, mass-produced, automatic nuclear reactor heated steam boiler intended to be used in large numbers for

Global Warming CO2 mitigation. To reduce all of Global Warming by 30%, these nuclear boiler modules will have to be installed in the world's largest coal burning power plants which are located in at least 67 different countries, many of which may never be "nuclear-ready."

The reactor, a BN-800 built by ROSATOM, shown here on a 110 foot long ocean-going barge (the gray base under the nuclear boiler), is controlled by computers to eliminate human operator errors. It is a new generation of reactor - called "Fast-Neutron" - and is designed to run automatically and unattended for decades. It will have to be a "Set and Forget" module, much like the hot water heater in your basement or garage. [Construction Photos .pdf](#)

Fast-Neutron reactors, considered by many to be a substantial improvement in safety and efficiency over currently used slow-neutron nuclear reactors - if the core gets hotter than its design temperature, it loses its ability to make more even more heat. In the author's opinion, slow reactors are also "safe enough". Fast reactors get at least 15 times the "uranium mileage," while producing about 1/20 the nuclear waste, which decays to non-radioactive after about 200 years. Since the oceans are 4 ppm uranium and the Japanese have a way of extracting it at several times today's street price, we will never run out. [Uranium from Seawater .pdf](#) [Fast Reactors](#) [Fast Reactors .mht](#)

Nuclear boiler modules would be mass-produced on concrete barges in the world's eight nuclear-ship capable shipyards, floated to locations next to the turbine building of any of the world's largest power plants located on navigable water (about 54% are), set on pilings (elevation adjusted for anticipated sea level changes), have a 3 foot thick reinforced concrete containment enclosure poured around it, the containment's sides covered with dirt, and finally, through a new opening in the turbine building's wall, have its steam supply pipes connected to an existing electricity generating turbine.

At the end of its service life, the reactor module's containment cover dirt would be removed, the concrete containment container broken away, the access slip to the nearby navigable water re-opened, the barge re-floated off its piling sockets, and the reactor-barge towed to a remote disposal facility.

[Nuclear Energy Facts Report - April 2010.pdf](#) [You Can't Build a Bomb From Spent Fuel. pdf](#) [Would 10,000 Nuclear Power Plants Cook the Planet?. pdf](#)

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This work contains original research and engineering. It is a technical report, not a solicitation for funds.

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