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RESEARCH ON THE DISPERSION OF NOXIOUS EMISSIONS FROM STEAM POWER PLANTS

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Abstract

Noxious emissions are hard to control, although there is a range of national and international regulations which address this issue. The operation of classical steam power plants, based on the burning of fossil fuel, leads to important noxious emissions in the atmosphere, such as SO₂, NO_x, CO, CO₂, ashes, small concentrations of NH₃ and radioactive substances. The evaluation of these noxious dispersions was done for the steam power plant in Rovinari, with a power of 1320 MW.

Keywords: energy, noxious emissions, pollutant, atmosphere

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