SOME ASPECTS OF IMPLEMENTING ECOLOGICALLY SOUND ASH REMOVAL TECHNOLOGIES AT RECONSTRUCTION OF COAL-FIRED POWER PLANTS IN RUSSIA

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ABSTRACT

Brief estimation of ecological indices of ash removal systems of Russian thermal power plants is given. Technical requirements for ecologically sound ash removal systems according to the state-of-the-art concepts of the admissible impact of power plants on environment are resulted. Block diagrams of the traditional and possible alternative ash disposal systems are shown. Some aspects of implementing ecologically sound ash removal technologies at reconstruction of coal-fired power plants in Russia are considered. An algorithm of decision making considering ash removal organization issues in the case of coal-fired power plants reconstruction is described.

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