

K.P., Orlov A.V., Malikova E.A. et al. Moscow: NTF "Energoprogress", 1998 (in Russ.).

[16] Methodic directions on calculation of erosion in pipelines of pneumatic transportation plants of fuel-pulverizing and ash and slag disposal systems of TPPs (RD 153-34.1.-27.512-2001. Metodicheskie ukazaniya po raschetu i rekomendatsii po snizheniyu abrazivnogo iznosa pnevmotransportnykh truboprovodov sistem pyleprigotovleniya i zoloshlakoudaleniya TES) / Putilov V.Ya., Putilova I.V., Vishnya B.L., Borichev K.P., Malikova E.A. Moscow: MEI Publ., 2001 (in Russ.).

[17] RIA "New Day" data (Dannye RIA «Novyi den»). Available on: <https://urfo.org/chel/521738.html> (25.11.2016) (in Russ.).

[18] Web site of OGK-2 (Sait kompanii PAO «OGK-2»). Available on: [http://www.ogk2.ru/rus/investment/objects/psu\\_660\\_territoriya\\_troitskoy\\_gres.php](http://www.ogk2.ru/rus/investment/objects/psu_660_territoriya_troitskoy_gres.php) (25.11.2016) (in Russ.).

[19] Bragina O.N., Zykov A.M., Shmigol' I.N. The air protection technologies for TPPs developed by the JSC "VTI" (Razrabotka OAO «VTI» atmosfero-okhrannykh tekhnologii dlya TES). S.129 – 131. Sbornik dokladov Pyatoi mezhduna-rodnoi konferentsii «Pylegazoochitska-2012». M.: 25-26 sentyabrya 2012 g., GK Izmailovo (in Russ.).

[20] Data of the Regional Information and Analytical Independent Agency "Ural-press-inform" (Dannye Regional'nogo informatsionno-analiticheskogo nezavisimogo agentstva "Ural-press-inform"). Available on: <http://uralpress.ru/reviews/mihail-zaycev-novy-energoblok-troickoy-gres-budet-pushchen-v-avguste-2015-goda> (29.11.2016) (in Russ.).

[21] Reduction of the sulfur dioxide emissions (Snizhenie vybrosov oksidov sery. Shmigol' I.N. v knige: Sovremennye prirodookhrannye tekhnologii v elektroenergetike: Informatsionnyi sbornik) / Ed. V.Ya. Putilova. Moscow: Izdatel'skii dom MEI Publ., 2007, pp. 58–77 (in Russ.).

[22] Scientific library of the open access "Kiberleninka" (Nauchnaya biblioteka otkrytogo dostupa "Kiberleninka"). Available on: <http://cyberleninka.ru/article/n/ochistka-dymovyh-gazov-ot-oksidov-sery> (06.12.2016) (in Russ.).

[23] Web site of the company "Enel Russia" (Sait kompanii PAO "Enel Rossiya"). Available on: [http://www.enel.ru/power\\_plants/map/refinskaya\\_power\\_plant/reconstruction\\_of\\_300\\_mw/](http://www.enel.ru/power_plants/map/refinskaya_power_plant/reconstruction_of_300_mw/) (01.12.2016) (in Russ.).

[24] Web site of the ecological holding "Kondor Eko – SF NIIOGAZ" (Sait ekologicheskogo kholdinga "Kondor Eko – SF NIIOGAZ"). Available on: <http://www.kondor-eco.ru/main/stat14.htm> (01.12.2016) (in Russ.).

[25] Gavlitin N.V., Kolomiets Yu.V. Environmentally sound ash handling technologies. Case study based on Reftinskaya Enel/OGK-5 power station (Russia) project (Ekologicheski priemlyemye tekhnologii zoloshlakoudaleniya na primere Reftinskoi GRES OAO «Enel OGK-5»). Mater. IV Mezhd. nauchn. prakt. seminara „Zoloshlaki TES – udalenie, transport, pererabotka, skladirovanie“. Moscow, 19-20 aprelya 2012. Moscow: Izdatel'skii dom MEI Publ., 2012, pp. 55–58 (in Russ., in Eng.).

[26] Combustion of fuel in large plants for the energy production (Szhiganie topliva na krupnykh ustanovkakh v celjah proizvodstva jenerгии). Available on: [http://old.gost.ru/wps/wcm/connect/e7a9078043db0e39914fd567c7308a4d/Файл\\_16.1.pdf?MOD=AJPERES](http://old.gost.ru/wps/wcm/connect/e7a9078043db0e39914fd567c7308a4d/Файл_16.1.pdf?MOD=AJPERES) (in Russ.).

[27] Putilov V.Ya., Putilova I.V., Malikova E.A. Key issues of coal ash handling in Russia (Klyucheve vyprosy resheniya problemy obrashcheniya s zoloshlakami energetiki v Rossii). Materialy V mezhd. konf. „Zoloshlaki TES — udalenie, transport, pererabotka, skladirovanie“. Moscow, 24–25 April, 2014. Moscow: Poligraficheskii tsentr MEI Publ., pp. 58–63 (in Russ., in Eng.).

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