

Accepted Manuscript

Title: Radioactive Cesium Removal from Ash-Washing Solution with High pH and High K^+ -Concentration Using Potassium Zinc Hexacyanoferrate

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PII: S0263-8762(16)00099-X
DOI: <http://dx.doi.org/doi:10.1016/j.cherd.2016.02.027>
Reference: CHERD 2203

To appear in:

Received date: 14-11-2015
Revised date: 4-2-2016
Accepted date: 20-2-2016

Please cite this article as: Takahashi, A., Kitajima, A., Parajuli, D., Hakuta, Y., Tanaka, H., Ohkoshi, S.-i., Kawamoto, T., Radioactive Cesium Removal from Ash-Washing Solution with High pH and High K^+ -Concentration Using Potassium Zinc Hexacyanoferrate, *Chemical Engineering Research and Design* (2016), <http://dx.doi.org/10.1016/j.cherd.2016.02.027>

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- $\text{K}_2\text{Zn}_3[\text{Fe}(\text{CN})_6]_2$ is effective adsorbent for radioactive Cs decontamination of salty and high-pH water.
- $\text{K}_2\text{Zn}_3[\text{Fe}(\text{CN})_6]_2$ decreased the radioactivity of ash-washing water less than standard criteria for public water.
- A method for the estimation of Cs adsorption rate from real ash-washing solution was established.

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