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CHINA ISOTOPE & RADIATION CORPORATION

中國同輻股份有限公司

(A joint stock company incorporated in the People's Republic of China with limited liability)

(Stock Code: 1763)

VOLUNTARY ANNOUNCEMENT CIRC LAUNCHES NEW ISOTOPE SEPARATION TECHNOLOGY TO BOOST ADVANCED NUCLEAR MEDICINE AND CONTROLLED NUCLEAR FUSION DEVELOPMENT

This announcement is voluntarily made by China Isotope & Radiation Corporation (“**CIRC**” or the “**Company**”) to keep its shareholders and potential investors informed of the latest business developments of the Company.

The board of directors of the Company is pleased to announce that recently, Chengdu Gaotong Isotope Co., Ltd. (CNNC) (“**CNGT**”, a subsidiary of CIRC) has officially launched a new isotope separation technology, the “Adsorption Trapper”, based on fourth-generation MOF materials. This technology injects new momentum into the fields of advanced nuclear medicine and controlled nuclear fusion, opening up new prospects for industrial development.

The “Adsorption Trapper” technology innovatively incorporates fourth-generation MOF materials, the subject of the 2025 Nobel Prize in Chemistry, breaking through the inherent limitations of traditional isotope separation technology and enabling “customized design” of separation materials at the molecular scale. The “Adsorption Trapper” technology demonstrates significant advantages of “high purity, high efficiency, low cost, and low energy consumption”. It has broad applications in diversified key areas of the national economy, including nuclear medicine, nuclear fusion, heavy water reactors, and biomedical research. It will provide core technological support for China’s development of an “independent, controllable, safe, and stable” isotope supply chain, helping to break the country’s dependence on imports for some high-end isotopes.

By order of the Board
China Isotope & Radiation Corporation
Xiao Yafei
Chairman

Beijing, the PRC, 17 October 2025

As at the date of this announcement, the Board comprises Mr. Xiao Yafei, Mr. Zhang Junqi, Ms. Huo Yingying and Ms. Ma Xiaoyu as executive Directors; Mr. Chen Zan, Mr. Ding Jianmin and Ms. Chang Jinyu as non-executive Directors; and Mr. Poon Chiu Kwok, Ms. Chen Jingshan, Mr. Lu Chuang and Mr. An Rui as independent non-executive Directors.