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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 15950-2023

Requirements for environmental radiation monitoring around near surface disposal site of radioactive solid waste

放射性固体废物近地表处置场辐射环境监测要求

(English Translation)

Issued on: February 2, 2023 **Implemented on: June 1, 2023**

Issued by: State Administration for Market Regulation, China National Standardization Administration

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1 Foreword

GB/T 15950-2023 was issued by State Administration for Market Regulation, China National Standardization Administration on 2 February 2023 and has been in force since 1 June 2023.

In order to implement the "Environmental Protection Law of the People's Republic of China", "Nuclear Safety Law of the People's Republic of China", "Radioactive Pollution

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Prevention Law of the People's Republic of China" and other relevant laws and regulations, to protect the environment and safeguard human health, this standard is formulated.

Prevention and Control Law" and other relevant provisions of laws and regulations, to protect the environment and protect human health, the development of this standard. This standard specifies the purpose, content and requirements of radiation environmental monitoring at different stages of the near-surface disposal site of radioactive solid waste. This standard is a revision of the "general requirements for environmental radiation monitoring of low and medium level radioactive waste near-surface disposal sites" (GB/T 15950-1995).

This standard was first published in 1995, and the original standard drafting unit is the Institute of Nuclear Industry Standardization of China National Nuclear Corporation. This is the first revision. The main content of this revision.

-The standard name is revised to "radioactive solid waste near-surface disposal site radiation environmental monitoring requirements"; increased the "preface" "preliminary survey of the radiation environment background", "environmental monitoring outline " and "monitoring of passive monitoring period", etc.

After the phase" three stages, and detailed additional requirements: - in Chapter 5 and Chapter 6 were added to the pre-operation phase and operation phase of the radiation monitoring program table. From the date of implementation of this standard, "General requirements for environmental radiation monitoring of low and medium level radioactive waste near surface disposal sites" GB/T 159501995) is repealed.

2 Scope

This standard specifies the radioactive solid waste near-surface disposal site pre-operational phase, operational phase and post-closure phase of the radiation environment monitoring requirements. This standard applies to the radiation environment monitoring of the near-surface disposal site of radioactive solid waste, and does not apply to the radiation environment monitoring of the cavern disposal site.

3 Normative references

GB 8999 - General requirements for quality assurance of ionizing radiation monitoring

GB 9132 - low and medium level radioactive solid waste near-surface disposal safety requirements

GB 18871 - Basic standards for ionizing radiation protection and radiation source safety

HJ 61 - Technical Specification for Radiation Environmental Monitoring

EJ 428 - General Provisions for the Collection and Preparation of Soil Samples in

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Environmental Nuclear Radiation Monitoring

EJ 527 - Basic Provisions for Biological Sampling in Environmental Radiation Monitoring

4 About this standard

Issued by: State Administration for Market Regulation, China National Standardization Administration

English translation: about 7 pages

Chinese original: about 11,129 characters

5 Classification and status

International classification (ICS): 27.120.01

Chinese Standard Classification (CCS): F 70

Prefix GB/T: recommended standard.

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