

ICS 13.280

CCS F73



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 14588-2009

Replacing GB 14588-1993

**Technical regulations for environmental management of reactor
decommissioning**

反应堆退役环境管理技术规定

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Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

This standard replaces GB 14588-1993 "Environmental management of reactor decommissioning technical requirements." This standard compared with GB 14588-1993 major changes are as follows:

--- "End of life", the definition of "legacy nuclear facility" was amended to remove the "retired Level", "Unlimited reuse", "retired as Industry ", " lower than the low-level radioactive waste ", the new" decommissioning strategy "and other definitions;

--- Increased "environmental management objectives" chapter, the basic objective of this clear standard for environmental management;

--- Removed the "Environmental Management Program" chapter;

--- On the "performance standards" chapter referenced standards were revised and the criteria applicable to the content of the relevant standards;

--- Removed the "reactor decommissioning preliminary environmental impact report" and "reactor decommissioning Final Environmental Impact Statement," saying, modify "Decommissioning in the technical documentation requirements" chapter as "a retired environmental management requirements of the technical documentation," and re-written;

--- Removed the "scope of the environmental assessment and environmental research" chapter, which is incorporated in Chapter 6, "the implementation of Standards";

--- The original "contingency plans to deal with" chapter rewritten to "emergency response." The standard proposed by China National Nuclear Corporation. This standard by the Institute of Nuclear Industry Standardization. This standard was drafted. China Nuclear Power Engineering Co., Ltd. The main drafters of this standard. Hao Wenjiang, ginger star, Bao Fang, Zhao Huasong. This standard replaces the standards previously issued as follows:

--- GB 14588-1993. Reactor decommissioning technologies for environmental management regulations

1 Scope

GB/T 14588-2009 is the Chinese national standard on technical regulations for environmental management of reactor decommissioning, in the field of environment and health protection, safety. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 13 March 2009 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 November 2009. Classification: ICS 13.280, CCS F73. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the reactor decommissioning process and the final state of environmental management objectives, principles, procedures and requirements and so on. This standard applies to the production of research and test reactors and reactor decommissioning.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB 5085 Identification standard for hazardous wastes

GB 8978 Integrated Wastewater Discharge Standard Shallow strata

GB 9132 low and intermediate level radioactive solid waste disposal regulations

GB 9133 Classification of radioactive waste

GB 11215 Nuclear Radiation Environment Quality Evaluation General provisions

GB 11806 Regulations for the Safe Transport of Radioactive Substances

GB 11928 low and intermediate level solid radioactive waste is temporarily stored provisions

GB 12348 Standard of noise at boundary of industrial enterprises

GB 12379 environmental radiation monitoring provisions

GB 12711 low and intermediate level solid radioactive waste packaging safety standard

GB 14500 radioactive waste management

GB 16297 Air Pollutant Emission Standards

GB/T 17567-2009 nuclear facilities, iron and steel, aluminum, nickel and copper recycling, reuse clearance levels

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 For the lifting of nuclear facilities (except disposal sites and disposal site is "off" instead of "retired") administration of some or all of the regulatory controls of And technical actions.

3.2

a) immediately dismantle immediatedismantling Nuclear facilities, and structures containing radioactive contaminants are transferred locally or decontamination facilities to allow unrestricted use by the supervisor or Authorities specified horizontal restrictions on the use and implementation of the facility immediately after the final closure. This means that from the facilities and