

Safety Standards

of the

Nuclear Safety Standards Commission (KTA)

KTA 3605 (2022-11)

**Treatment of Radioactively Contaminated Gases in
Nuclear Power Plants with Light Water Reactors**

(Behandlung radioaktiv kontaminierter Gase in
Kernkraftwerken mit Leichtwasserreaktoren)

The previous versions of this safety
standard were issued in 1989-06, 2012-11 and 2017-11

If there is any doubt regarding the information contained in this translation, the German wording shall apply.

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KTA SAFETY STANDARD

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Treatment of Radioactively Contaminated Gases in Nuclear Power Plants with Light Water Reactors

KTA 3605

Previous versions of this safety standard:

1989-06 (BAnz No. 229a of December 7, 1989)

2012-11 (BAnz AT 23.01.2013 B5)

2017-11 (BAnz AT 05.02.2018 B3)

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PLEASE NOTE: Only the original German version of this safety standard represents the joint resolution of the 35-member Nuclear Safety Standards Commission (Kerntechnischer Ausschuss, KTA). The German version was made public in the Federal Gazette (Bundesanzeiger) on July 25, 2023. Copies of the German versions of the KTA safety standards may be mail-ordered through the Wolters Kluwer Deutschland GmbH (info@wolterskluwer.de). Downloads of the English translations are available at the KTA website (<http://www.kta-gs.de>).

All questions regarding this English translation should please be directed to the KTA office:

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Comments by the Editor:

Taking into account the meaning and usage of auxiliary verbs in the German language, in this translation the following agreements are effective:

shall	indicates a mandatory requirement,
shall basically	is used in the case of mandatory requirements to which specific exceptions (and only those!) are permitted. It is a requirement of the KTA that these exceptions - other than those in the case of shall normally - are specified in the text of the safety standard,
shall normally	indicates a requirement to which exceptions are allowed. However, exceptions used shall be substantiated during the licensing procedure,
should	indicates a recommendation or an example of good practice,
may	indicates an acceptable or permissible method within the scope of this safety standard.