

## Radiation Protection of the Public and Protection of the Environment (DS432)

COMMENTS BY REVIEWER				RESOLUTION			
<b>Reviewer : India Page 1 of 1</b> <b>Country/Organisation : India Date: 28.10.2016</b>							
Comm ent No.	Page/ Para/ Line No.	Proposed new text	Reason	Acce pted	Accepted, but modified as follows	Rejected	Reason for modificatio n / Rejection
1.	7/2.17		Clarification required about cyclic approach mentioned in the clause 2.17 and whether it includes consideration of technological advancements also.				
2.	Page 24/ Section 3.39	Therefore, dose constraint should be selected within the range of 0.1 to <1mSv in a year <b>0.01 mSv to &lt; 1mSv in a year</b>	The range should be checked as the value for the dose constraint should be higher than 10 µSv and lower than 1m Sv/year.				

The proposed new text is provided in red color and highlighted in yellow.

**Draft Safety Guide DS432 “Radiation Protection of the Public and Protection of the Environment” (August 2016)**  
**Status: STEP 12 – For review by CSS**

Note: Blue parts are those to be added in the text. ~~Red parts~~ are those to be deleted in the text.

COMMENTS BY REVIEWER				RESOLUTION			
Reviewer: <b>Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB)</b> (with comments of GRS) Country/Organization: Germany				Page: 1 of 2 Date: 2016-10-18			
Comment No.	Para/Line No.	Proposed new text	Reason	Accepted	Accepted, but modified as follows	Rejected	Reason for modification/rejection
1	Title	Proposed new title of the Safety Guide: <u>“Protection of the Public and the Environment from Radiation Exposures”</u>	See also the IAEA resolution table of Step 11 of this document. This comment has been accepted but not yet implemented into the current version of DS432.				
2	2.41	The first sentence of Para 4.7 should be moved to Para 2.44 and inserted into this paragraph as second sentence, with modifications in text as follows:  “2.41. It is the responsibility of the regulatory body in relation to protection of the environment to specify requirements for the prospective assessment of radiological environmental impacts, as set out para. 3.9 (e) of GSR Part 3 [2]. <u>DS427 [9] provides a framework for the prospective assessment of radiological environmental impact in planned exposure situations, which includes the assessment and control of the impact of radioactive releases during normal operation and of accidental releases</u>	It is proposed to move the first sentence of Para 4.7 from Section 4 “Protection of the environment” to Section 2, subsection “RESPONSIBILITIES” of the regulatory body.  See also the IAEA resolution table of Step 11 of this document. This comment has been accepted but not yet implemented into the current version of DS432.  With respect to this proposal, see also the IAEA resolution table of Member				

		<a href="#">resulting from anticipated operational occurrences or conceivable accidents identified by means of a safety assessment.</a> ”	States comments, German comment on a new paragraph after 2.40. This comment has been accepted but not yet implemented into the current version of DS432.				
3	3.4 (a)	“Liquid and airborne discharges from facilities <a href="#">and activities</a> (see DS442 [10]);”	See also the IAEA resolution table of Step 11 of this document. This comment has been accepted but not yet implemented into the current version of DS432.				
4	3.86 last sentence	“A process should be applied to achieve residual doses to the public that are as low as reasonably achievable <del>below the reference level.</del> ”	With the last part it would mean that the doses should be as close as possible to the reference level. This is surely not the meaning of this part.				