

**Draft Safety Guide DPP DS559**  
**“Site Survey and Site Selection for Nuclear Installations”**  
**Comments and Resolutions at Step 4**

COMMENTS BY REVIEWER					RESOLUTION			
Reviewer: CSS Members Country/Organization: All Received Comments Date: November 24, 2025.								
Comment No.	Country	Para/Line No.	Proposed new text	Reason	Accepted	Accepted, but modified as follows	Rejected	Reason for modification/rejection
1.	Germany	Page 2 Section 4 Line 9	This Safety Guide is intended for use by organizations with an interest in the siting process, including government bodies, regulatory bodies, technical support organizations, future licensees (generally the operating organizations), and vendor companies. <del>This Safety Guide has an informative role for the regulatory body as, in some States, site selection is a non regulated process and does not require regulatory actions; however, the regulatory body will likely be involved in the process immediately after the site is selected.</del>	Adequate site selection is an important component of safety of nuclear installation and its defence in depth concept: compare with SF-1 and, for example, with Convention of Nuclear Safety. Do we have Member States, where regulatory body or other responsible authorities are not involved in site selection? Is statement “this Safety Guide has an informative role for the regulatory body” really required? Please verify.			x	In many Member States, particularly the embarking countries, the regulatory body is not involved in the site selection process. This is because the regulatory body may not be yet established at the time of site selection in embarking countries. The site selection is not a licenced process in many Member States as the site licence is provided by the regulatory body after the <u>site characterization</u> is completed. Therefore, the role of the regulatory body in site selection is “informative” in most cases.
2.	Israel	Section 2 Background	In the last paragraph of this section, an important publication (IAEA Safety Report Series No.123) is	Completeness	x			

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			referred to in conjunction with novel reactors with increased reliance on passive and inherent safety features. We suggest to adding <b>(2023)</b> – the publication year of this reference.					
3.	Israel	Section 6 (Overview)	We suggest to consider adding to the list of relevant Series and Interfaces an additional IAEA Standard: SSG-25 (Periodic Safety Review for NPP's), which is presently revised (Step 8) as DS535. The relevance is pointed out in the last sentence of the second paragraph in Section 5 (Scope) of the DPP discussed here, saying: "The guidelines for final site characterization or re-evaluation as part of a periodic safety review are given in related Safety Guides (listed in Section 6)".	Completeness	x			
4.	Israel	ANNEX (regarding	SMR's are mentioned in the ANNEX of this DPP,	Completeness.	x			Different IAEA documents have

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		Section 7 of the Guide)	as gap or possible revision for Section 7 of the Guide. If SMR's or other novel nuclear installations will be presented in this Guide, adding an appropriate remark (or footnote) will be probably needed considering that these emerging technologies based nuclear facilities are not yet included in the (2022) Interim IAEA Nuclear Safety and Security Glossary.					different definitions for SMRs. For example IAEA TECDOC #1854 focuses on SMRs as “advanced reactor designs that are: 300 MW(e) and below, modular, manufactured and constructed primarily in dedicated facilities and then shipped to site for installation”. Another document (TECDOC #2003) defines SMRs as “Nuclear Power Plants that typically have the following features: nuclear reactors of power of typically <300 MW(e) or <1000 MW(th) per reactor, reactors designed for commercial use (including prototypes or demonstration plants), i.e. electricity production, desalination, process heat (as opposed to research and test reactors), reactors designed to allow

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								addition of multiple modules in close proximity to the same infrastructure (modular reactors)".  Therefore, the descriptions of the SMR designs that may be relevant with the paragraphs in DS559 will be provided, as needed, in DS559. A footnote is added to the Annex as requested.
5.	Republic of Korea	2. BACKGROUN ND / Line No. 20-21	... NS-G-3.6 <del>2</del> (DS <del>5</del> 29), and GSG-10, respectively	Typo correction	x			
6.	Republic of Korea	7. OVERVIEW / Line No. 8	3. <del>Generic</del> <b>General</b> Recommendations for the Siting Process for Nuclear Installations	The term 'general' seems to be a more appropriate expression for this document.	x			