

**Comments to DDP DS531 - Site Geotechnical Aspects for Design Basis of Nuclear Installations**

COMMENTS BY REVIEWER				RESOLUTION			
Reviewers: Stav Kontarovich and Meir Markovits Page 1 of 1 Country/Organization: Israel, IAEC – Nuclear Licensing and Safety Office Date: November 3, 2021							
Comment No.	Para/Line No.	Proposed new text	Reason	Accepted	Accepted, but modified as follows	Rejected	Reason for modification/rejection
1	Section 5 (Scope) and Section 7 (Overview)	<u>General Remark regarding this DPP:</u> In view of the practical limitations to introduce geotechnical aspects driven improvements to already existing installations, we suggest to consider altering partly the structure of the proposed revised document so as to have separate specific section(s) devoted to existing nuclear installations and discuss separately geotechnical aspects for design and building of new nuclear installations (with significantly greater flexibility to basic appropriate design changes).	Completeness			x	The suggestion to consider adding contents which provide guidance for new installations and existing installations separately could be considered at the drafting stage and will be applied, if and where, decided appropriate by the drafters and the secretariat. No change to the DPP has been made as a result of this comment at this step.
2	Section 3 fourth bullet	Considering lessons learned from <i>recent</i> (how recent..?) geotechnical events including <i>other than nuclear installations</i> – is somewhat a "too general" request: Should one look at all the geotechnical events (in the last ten or more? years) at all possible locations "around the globe", or only in certain geographical vicinity of the nuclear installation?	Clarity	x	It has been a long time since the publication of NS-G-3.6; therefore, 'lessons learned from recent geotechnical events' was rephrased to 'lessons learned from significant geotechnical events' to better describe the intended addition.		

3	Section 6 (Overview)	We suggest to add the end of section 6 some examples of non-nuclear relevant codes / standards, e.g. ASCE, ENS and Eurocode).	Completeness			x	The suggestion to add examples will be considered at the drafting stage. If MS examples are provided, they will most likely be included as an Annex. Reference will be made to the suggested codes and standards as appropriate throughout the document. No change to the DPP has been made as a result of this comment at this step.
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**DPP DS-531 Site Geotechnical Aspects for Design Basis of Nuclear Installations**

COMMENTS BY REVIEWER				RESOLUTION			
Reviewer:		Page 1 of 1					
Country/Organization: Pakistan/PNRA		Date: 18-10-2021					
Comment No.	Para/Line No.	Proposed new text	Reason	Accepted	Accepted, but modified as follows	Rejected	Reason for modification/rejection
1.	Section 7. Bullet 8.	Site evaluation and design basis of nuclear installations <del>other than nuclear power plants</del>	The phrase ‘other than nuclear power plants’ may be deleted as the scope (section 5, 1 <sup>st</sup> line) of the safety standard covers all NIs including NPPs. ( For further references please see i. Section 2, 3 <sup>rd</sup> Para. last line ii. Section 3 & Section 4 mention SSR-2/1)			x	This section was proposed consistently with safety standards related to siting of nuclear installations. A section is normally included to discuss the details or exceptions and allowances for a ‘graded approach’ in terms of installations other than conventional power plants. The section will remain for now, and this topic will be discussed and decided with the drafters during the drafting process.