

**ENISS comments on
DS 514 Equipment Qualification for Nuclear Installations, revised draft J, 2020-06-29 (Silence Procedure)**

COMMENTS BY REVIEWER				RESOLUTION ENISS			
Reviewer: ENISS Country/Organization: ENISS		Page 1 of 2 Date: 27/07/2020					
Comment No.	Para/Line No.	Proposed new text	Reason	Accepted	Accepted, but modified as follows	Rejected	Reason for modification/rejection
1 (Ex-ENISS 25)	4.50	4.50 - Operating experience may be used as supplementary information to help demonstrate the reliability of equipment to perform safety functions. Qualification <u>for harsh environment</u> by operating experience alone is not sufficient for safety systems and should, therefore, be combined with additional qualification testing of the equipment.	We understand that qualification by operating experience can't be considered for the case of qualification for harsh environment. But for qualification for mild environment, it should be an acceptable method as proposes the IEC/IEEE 60780-323 standard, para 6.1.2.	x			
2 (Ex-ENISS 32)	Annex A	Add <u>IEC 61000-6 series "Electromagnetic compatibility (EMC) – Generic standards"</u>	For electrical equipment qualification : EMC tests are based on IEC 61000-4 series (which are already mentioned in Annex A of DS 514) <u>and</u> IEC 61000-6 series. To be consistent, these two standards should be referred to.	x			
3	4.35 References	Remove from 4.35 the standards IEEE 344-2013 [21] and ASME QME-1-2017 [22]	These two standards are already listed in Annex A. It's not necessary to refer to them in 4.35, we suggest to remove them from 4.35.	x	Accepted and added a sentence at the end "A bibliography of international		

			Otherwise, to be consistent, standards IEC 60980 (equivalent to IEEE 433) and IEC/IEEE 60780-323 (electrical equipment qualification ~ASME QME for mechanical equipment qualification) should also be referred to in the same way.		standards relating to seismic qualification of equipment is provided in the Annex”		
4	5.38	Mention EPRI report [24] in a footnote	In order to avoid any misinterpretation (mandatory use of EPRI report), please put it in an informative footnote.	x			