

**TITLE: DPP-DS507 “Seismic Hazards in Site Evaluation for Nuclear Installations”**

COMMENTS BY REVIEWER				RESOLUTION			
Reviewer: Japan NUSSC member		Page 1 of 1					
Country/Organization: Japan/NRA		Date: 19 Oct. 2017					
Comment No.	Page/Line No.	Proposed new text	Reason	Accepted	Accepted, but modified as follows	Rejected	Reason for modif./rejection
1	4/4	5. <del>THE SEISMIC GROUND MOTIONS HAZARD</del> <u>EVALUATION CHARACTERIZATION OF GROUND MOTIONS HAZARD</u>	The terminology of “ground motion hazard” in chapter 5 should be avoided because it makes one fully confused with “seismic hazard” in chapter 6.  Moreover, since the chapter 4 mainly addresses the characterization of seismic sources, the subsequent issue on ground motion characterization is a better title for chapter 5. In fact, chapter 5 in the current version SSG-9 mainly addresses “ground motion characterization” rather than “ground motion hazard”.				

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**Seismic Hazards in Site Evaluation for Nuclear Installations**

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Reviewer: Civil & Site Studies Group, CNS Page.... of.... Country/Organization: Pakistan				Date:			
Comment No.	Para/Line No.	Proposed new text	Reason	Accepted	Accepted, but modified as follows	Rejected	Reason for modification/rejection
1.	4/ Page 3	<b>Provide guidance on comparison of DSHA and PSHA results for existing sites</b>	This may also be added as objective. Deterministic (DSHA) and probabilistic (PSHA) seismic hazard assessments can, and often do, lead to quite different seismic hazard levels. There is a growing need for decision makers to understand the origin of these differences and how to act if both approaches lead to (slightly) different results?				
2.	4/ Page 3	<b>Provide guidance on monitoring of seismic hazards for periodic assessments</b>	This may also be added as objective. The activities and guidance for carrying out the field monitoring of seismic hazards for periodic assessments i.e., the monitoring areas selection, collection of data, methodology, monitoring plan etc.				