

## Agenda of 5<sup>th</sup> TAC meeting, 2019

Date: 12-14 June, 2019

Place: MITA NN Hall, B1F of MITA NN Building, Minato-ku, Tokyo Japan

Objectives of 5<sup>th</sup> TAC:

- 1) Confirming the technical quality of NUMO's studies since 4<sup>th</sup> TAC
- 2) Discussion of responses to key issues identified in 4<sup>th</sup> TAC closed session
- 3) Special topic: Providing review comments on NUMO technical presentations (safety case and future plans)
- 4) Identifying key points to be improved before initiation of NEA review

	Contents	Speakers	Schedule
<b>Day 1</b> 12 <sup>th</sup> June	<b>Block 1 Introduction &amp; goals</b>		9:30-10:15
	1. Welcome address	H. Umeki (NUMO) T. Sasaki (TAC)	10 min 5 min
	2. Current status of NUMO safety case and Objectives of TAC meeting (incl. logistics)	T. Fujiyama (NUMO)	30 min
	Coffee Break		15 min.
	<b>Block 2 Progress since 4<sup>th</sup> TAC / responses to TAC recommendations</b>		
	2.1 Design & engineering (Chapter 4)	S. Suzuki & Y. Yamamoto (NUMO)	10:30-11:15
	2.2 Pre-closure safety assessment (Chapter 5)	S. Suzuki (NUMO)	11:15-12:00
	Lunch		60 min.
	2.3 Post-closure safety assessment (Chapter 6)	K. Ishida & K. Fujisaki (NUMO)	13:00-14:15
	2.4 Reliability of the safety case (Chapter 7) and conclusions (Chapter 8)	T. Fujiyama (NUMO)	14:15-15:30
Coffee Break		15 min	
2.5 General impressions of entire Safety Case Review and update of NEA review ToR	All TAC members	15:45-17:00	
<b>Day 2</b> 13 <sup>th</sup> June	<b>Block 3 Technical review of NUMO presentations at IHLRWM conference</b>		
	3.1 Site Characterisation and Synthesis into SDMs for NUMO Safety Case	K. Ota (NUMO)	9:00-9:40
	3.2 Roles of the NUMO Safety Case in the Stepwise Siting Process	T. Fujiyama (NUMO)	9:40-10:20
	Coffee		15 min
	3.3 A Systematic Radionuclide Migration Parameter Setting Approach for Potential Siting Environments in Japan	T. Hamamoto (NUMO)	10:35-11:15
	3.4 NUMO Safety Case: Results in Perspective	S. Nishikawa (NUMO)	11.15-12:00
	Lunch		60 min.
	3.5 Advanced Knowledge Management: Sine Qua Non for Holistic Management of Radioactive Waste	H. Umeki (NUMO)	13:00-13:40
	<b>Block 4 Key R&amp;D priorities</b>		
	4.1 Mid-term R&D plan of NUMO	M. Yamada (NUMO)	13:40-14:10
	4.2 Dry run exercise of Preliminary Investigation Planning	K. Yoshimura (NUMO)	14:10-14:50
Coffee Break		15 min	

	4.3 4D SDM	H. Saegusa (NUMO)	15:05-15:45
	4.4 Optimisation of repository concepts	Y. Kitagawa (NUMO)	15:45-16:25
	4.5 More realistic RN release models	K. Ishida and K. Fujisaki (NUMO)	16:25-17:05
	4.6 Suggestions for other priority topics	All TAC members	17:05-17:45
	Buffet reception (NEC Shiba Club)		18:00-
<b>Day 3</b> 14 <sup>th</sup> June	<b>Block 5 TAC closed session and wrap up</b>		
	5.1 TAC closed session	All TAC members	9:00-11:45
	Lunch		60 min.
	5.2 Summary of TAC key observations	T. Sasaki & I. McKinley (TAC)	12:45-13:15
	5.3 Discussion and actions	All	13:15-13:45
	5.4 Wrap-up admin • Concept for future TAC composition / meetings	H. Umeki (NUMO)	13:45-14:00