

Agenda of 4th TAC meeting, 2018

Date: 5-7 March, 2018

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

Objectives of 4th TAC:

- 1) Confirming the technical quality of NUMO's studies since 3rd TAC
- 2) Confirming that NUMO is ready to apply for AESJ review in April
- 3) Special topic: setting parameters for RN release and transport models
- 4) Identifying key points to be improved before initiation of NEA review

	Contents	Speakers	Schedule	
Day 1 5 th March	Block 1 Introduction & goals		9:30-10:50	
	1. Welcome address	1. S. Kondo (NUMO) T. Sasaki (TAC)	10 min. 5 min.	
	2. Nationwide Map of Scientific Features for Geological Disposal	2. H. Saegusa (NUMO)	25 min.	
	3. Status of NUMO Safety Case and Objectives of TAC meeting (incl. logistics)	3. T. Fujiyama (NUMO)	40 min.	
	• Quick overview of NUMO studies since 3 rd TAC			
	• Tentative schedule of NUMO Safety Case			
	• Objectives of TAC meeting			
	Coffee Break		15 min.	
	Block 2 Progress since 3rd TAC			
	2.1 Development of model groundwater chemistries	K. Ota (NUMO)	11:05-12:15	
Lunch		60 min.		
2.2 Long-term safety assessment	K. Fujisaki (NUMO)	13:15-14:45		
(1) Frame of safety assessment and description of system evolution				
Coffee Break		15 min.		
(2) Selection of scenarios and definition of calculation cases	K. Fujisaki (NUMO)	15:00-16:30		
(3) Parameter setting	T. Hamamoto (NUMO)	16:30-17:15		
Day 2 6 th March	(3) Parameter setting (continue)	T. Hamamoto (NUMO)	9:00-10:00	
	Coffee Break		15 min	
	(4) Assessment of scenarios (likely, less-likely, unlikely, human intrusion)	K. Ishida (NUMO)	10:15-11:15	
	(5) Discussion on RN release & migration models / parameters	T. Hamamoto (NUMO) Lead by I. McKinley (TAC)	11:15-12:00	
	Lunch		60 min.	
	(continued) Overall discussion on Long-term safety assessment	All	13:00-13:30	
	2.3 Confidence building of the safety case	T. Fujiyama (NUMO)	13:30-14:45	
	(1) Structure of chapter 7, Synthesis of arguments			
	Coffee Break		15 min.	
	(2) Impact on repository performance in the case of high-carbonate groundwater	T. Kunimaru and T. Hamamoto (NUMO)	15:00-16:00	
(3) Argumentation of safety for 10 ⁶ years after closure	K. Ishida (NUMO)	16:00-16:30		
(4) Argumentation of long-term safety based on multiple safety indicators	K. Ishida (NUMO)	16:30-17:15		

	(5) Supporting arguments from natural analogues	T. Fujiyama (NUMO)	17:15-17:45
	Buffet reception (12F NUMO)		18:00-
Day 3	Block 3 TAC closed session and wrap up		
7 th March	4.1 TAC closed session	All TAC members	9:00-11:45
	Lunch		60 min.
	4.2 Summary of TAC key observations	T. Sasaki & I. McKinley (TAC)	12:45-13:15
	4.3 Discussion and actions for 5 th TAC	All	13:15-13:50
	4.4 Closing remarks	H. Umeki (NUMO)	13:50-14:00