ATTACHMENT 14.3 **Description of LLRW intended for incineration in second and third campaign (year 2026 and 2027).**

NEK predicts that in 2026 and 2027 it will have 4 or 5 ISO 20 feet containers prepared for incineration. That means 288 or 360 full 208-litre (55gal) drums of LLRW (CW and O) in total.

Because the LLRW has not yet been characterized, NEK is unable to provide accurate radiological data. Therefore, we will provide approximate radiological values for one container, which are estimated on the basis of past incineration campaigns (average of last 7 containers). We expect that estimated radiological, masss data and other data will not differ more than ±10 % according to given information bellow.

All values given are the average value of NPP Krsko's shipments of the last seven containers prepared (except of DR: all drums have contact dose rates of up to 0,1 mSv/h, except of 3-4 drums per container that have contact dose rates of up to 1 mSv/h).

1 = ISO IP-2 20-feet conatainer for 72 drums

Reference date:	1.07.2024			LLRW waste for incineration campaign in 2026 and 2027																
	Drum No.	Type	Mass of LLRW (kg)	DR [mSv/h]	Cr-51	Mn-54	Co-57	Co-58	Co-60	Zn-65	Nb-95	Zr-95	Ru-103	Ru-106	Ag-110m	Sn-113	Sb-124	Sb-125	Cs-134	Cs-137	Ce-144	Total
					[Bq]																	
1	/	CWD1 or O	5880	0,005 - 1	3,25E+07	1,21E+07	1,80E+05	6,79E+07	1,84E+08	7,92E+05	2,03E+06	1,02E+06	0,00E+00	1,52E+05	4,35E+07	3,05E+04	5,86E+03	3,25E+05	1,17E+06	2,12E+07	3,27E+03	3,67E+08

	LLRW waste for incineration campaign in 2026 and 2027								
Specific act.	Am-241	Cm-242	Cm-244	Pu-238	Pu-239	Total	α specific act.	α surface contamination	β/ϒ surface contamination
Bq/g	[Bq]						Bq/g	Bq/cm2	Bq/cm2
3,90E+03	2,76E+04	4,25E+03	1,06E+05	1,27E+05	2,33E+04	**2,89E+05**	2,96E+00	**<0,04**	**<0,4**