

OCEAN WATER SAMPLE DATA									
	Collection Date:		10-19-2020	10-19-2020	10-19-2020	10-19-2020	10-19-2020	10-19-2020	10-19-2020
	Reporting Level (pCi/l)	Lower Limit of Detection (pCi/l)	INDICATOR LOCATIONS (pCi/l)						CONTROL LOCATION (pCi/l)
Isotope	RL <sup>1</sup>	LLD <sup>2</sup>	WSA 01	WSA 02	WSA 03	WSA 53	WSA 54	WSA 55	WSA 04
H-3	30,000	2,000	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
Mn-54	1,000	15	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
Fe-59	400	30	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
Co-58	1,000	15	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
Co-60	300	15	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
Zn-65	300	30	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
Zr-95	400	15	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
Nb-95	400	15	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
I-131	20	15	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
Cs-134	30	15	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
Cs-137	50	18	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
Ba-140	200	15	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD
La-140	200	15	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD	< LLD

**Sampling and Collection Frequency:** Once per month

**Type and Frequency of Analysis:** Gamma isotopic and tritium analysis of each monthly sample.

Notes	
1.	The Nuclear Regulatory Commission (NRC) sets Reporting Levels (RL) for various environmental sampling media. If radioactivity exceeds the RL when sample results are averaged over any calendar quarter, SCE shall prepare and submit to the NRC within 30 days a special report that identifies the causes for exceeding the limits.
2.	The Lower Limit of Detection (LLD) relates to the method used for the analysis. It is a measure of the detection capability for the analytical method and not for any single sample analysis. The LLD ensures that radiation measurements are sufficiently sensitive to detect any levels of concern and small changes in the environment.