The FNPP-derived $^{134}$Cs has been transported along with the surface currents in the North Pacific Ocean, the clockwise subtropical and anti-clockwise subarctic gyre currents. A strong easterly current between the two gyres in the mid-latitude (35–45°N) carried the FNPP-derived $^{134}$Cs from Japan to the west coast of the North American Continent between 2011 and 2016. Then, it has returned westward along with the Alaska Current and reached the Bering Sea and then the Arctic Ocean (Chukchi Sea) by 2017.

References

Aoyama et al., Biogeosciences 10, 3067–3078 (2013)