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## and obstacles to keeping a radionuclide station in operation in Brazil during 2020

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The RN11 radionuclide station is located at the Institute of Radioprotection and Dosimetry, in the city of Rio de Janeiro, Brazil. The country has been severely affected by the pandemic, with millions of people infected and more than 185,000 dead. The different spheres of government sought to manage the effects of this tragic event in different ways, such as instituting rules for social engagement, remote work, blockades, among other initiatives. Many of these laws and regulations have had adverse effects on the management and functioning of the RN11 station, such as the difficulty of access of team members to the RN11 station building, or the inability to send or receive shipments and also the cancellation or postponement of technical visits to maintenance of station equipment. On the other hand, as the pandemic evolved, the team had to take measures to protect itself from the danger and at the same time try to keep the RN11 station running. The station underwent several events that year, such as the replacement of the X-cooler and various other maintenance. An analysis of these events identifying the positive and negative points and the opportunities for improvement are presented in this article.

### Promotional text

To overcome the difficulties during the pandemic, several initiatives were taken and these experiences, when analyzed, should contribute to improve the performance of activities at the station and serve as inspiration for other teams in stations with similar dynamics.

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