

access by identifying adherent behavior prior to the hiring of an individual. A Human Reliability Program (HRP) can be used to assist in "vetting" staff to ensure trustworthiness and reliability of staff. This is essential in the safe and secure operation of a nuclear facility and, unfortunately, nearly every incident worldwide of materials being diverted or stolen, include a role of an insider. This presentation will provide an overview of the treats posed by insiders as well as the general elements of an HRP.

THE STORIES OF GOIÂNIA

29 Nov
4:30pm

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In the beginning of this year, I had to report the events related to the accident with ¹³⁷Cs in Goiânia under a personal stance, what led me to a process of catharsis.

After participating in such a significant event, and today, after reviewing historical events by means of published papers and newspaper reports, it is notorious the difference between the chaos that I experienced there and the order and clarity of the facts that I perceive today. As in the phrase attributed to Heraclitus, "No man ever steps in the same river twice, for it is not the same river and he is not the same man", during the three months while I worked as a radioprotection technician, I plunged into a sea of emotions, closely accompanying the evolution of the health of some radiation victims, and working in the decontamination and demolition of their houses.

The unknowns, the dedication of some professionals and the disdain of others, along with the unusual facts that the response team and the patients were facing, gave me a sad and hilarious tone that served as a backdrop to the official history of the accident of Goiânia.

THE ABACC MODEL FOR NUCLEAR MATERIAL CONTROL

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5:00pm

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The Brazilian-Argentine Agency for Accounting and Control of Nuclear Materials was created on July 18, 1991, with the signing of the Agreement between Argentina and Brazil for the Exclusively Peaceful Use of Nuclear Energy, henceforth named the Bilateral Agreement. After having been approved by the Congresses of the two countries, the Bilateral Agreement entered into force in December 1991.

The principal mission of ABACC is to guarantee Argentina, Brazil, and the international community that all the existing nuclear materials and facilities in the two countries are being used for exclusively peaceful purposes. The objective of ABACC