

# The practice and exploration of nuclear security education and capacity building about China Customs

Compared with developed countries such as the United States and Russia, China Customs has less experience in nuclear radiation detection work at its border ports. Its technical ability and equipment are relatively backward, and there are deficiencies in its work, especially in nuclear security education and capacity building. In terms of self-construction, there is less talent reserve for nuclear radiation detection posts, limited resources and capabilities for post skills training, and there are many areas worthy of improvement. In recent years, the China Customs Radiation Detection Training Center which cooperative constructed by China and the United States has been completed and put into operation. It has organized radiation detection skills training for China Customs and other countries in the Asia-Pacific region. It has trained personnel in nuclear radiation detection posts for China Customs and national Customs in the Asia-Pacific region, and has accumulated some advanced practices in education and post training. In particular, in recent years, in order to implement the spirit of the President of the People's Republic of China Xi Jinping's speech at the Fourth International Nuclear Security Summit, the China Customs Radiation Detection Training Center assisted the IAEA in organizing radiation detection skills training for national first-line officer radiation detection skills training. And then providing intellectual support for international nuclear security capacity-building.

This paper starts with the specific practice about the training of nuclear radiation detection skills in China Customs Radiation Detection Training Center, and introduces the exploration and practical experience of the China Customs in the construction of national nuclear security capacity building include the content about the perspectives of training program, curriculum, teachers training and training management. The innovation of this paper is that the paper introduces the specific methods and practices of China Customs nuclear security capacity building from the perspective of trainers, and introduces how to make better use of the teaching methods such as desktop deduction, practical drills, situational teaching and other teaching methods in training. The way of confrontation increases the pertinence, authenticity, and interest of nuclear security training. How to scientifically arrange courses in training, increase the comprehensiveness of teaching content, and how to improve the quality and ability of teachers systematically and continuously. What methods are used to improve training efficiency and save training costs. How to carry out media publicity to raise the importance of citizens' attention to nuclear security work and other issues, so as to provide Chinese Customs and other national Customs with the experience of building nuclear security capacity that can be used for reference.

Keywords: China Customs, nuclear safety education, capacity building

## Gender

Male

## State

China

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