

## Efforts of the ROK to enhance nuclear security awareness

There have been many cases reported on security breached accident due to the lack of security awareness around the world. This awareness on security that was called security culture was especially important in the nuclear facility since its consequence was huge compared to other facility. The international community including the IAEA has been making efforts to enhance the awareness of nuclear security by discussing it as main agenda at nuclear security summit and publishing guidebook as one of the nuclear security series. The ROK, which has 24 nuclear power plants, has recognized the importance of nuclear security culture and has been conducting many activities to increase the awareness of nuclear security of those who works at nuclear facilities. The most effective ways to enhance the nuclear security culture is to provide education and training to the staff including managing members. The ROK had prepared legal base for mandatory training program on nuclear security in 2012. Every staff who works at nuclear facility should take training class for 2 hours to 8 hours depending on his/her job position mandatorily. A lot of hands-on activities were included in the program using the SETT (Security research, Training and Test facility) located in the KINAC. In addition, the ROK had developed questionnaires to evaluate awareness of the nuclear security of the staff and has been conducting survey annually since 2009. The survey was made up of a series of questionnaires that were divided into four categories, beliefs and attitude, operating systems, leadership behaviors and staff behaviors. More than 800 persons who worked at nuclear facilities from over 10 different facilities had participated in the survey. Score of the awareness increases gradually. Analysis was performed on the results of survey to figure out what measures should be taken to enhance the awareness of nuclear security. Analysis results showed that the respondents satisfied the items like responsibility of mission, training & exercises, supervision & management, and awareness of information security. On the other hand, items such as job definition, motivation for those who work in the security area, importance of duties, and expertise were analyzed as those of which should be improved. The ROK has a plan to develop customized training program depending on the kinds of audience such as for senior management and safeguards officer. The survey will be also conducted continuously with more sophisticated questionnaires.

### State

Republic of Korea

### Gender

Male

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